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LIST OF PLANT PATENTEES FOR THE YEAR 1945

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Disclaimers follow in separate indexes, but precede the List of Plant Inventions

Armacost & Royston, Inc.: *See*—
Armacost, Walter, assignor.

Armacost, Walter, assignor to Armacost & Royston, Inc., West Los Angeles, Calif. Rose plant. 649; Feb. 6.

Armstrong Nurseries, Inc.: *See*—
Davis, John D., assignor.
Graham, Melville M., assignor.
Lammerts, Walter E., assignor.
Ott, William H., assignor.

Bourne, Benjamin A., assignor to United States Sugar Corporation, Clewiston, Fla. Variety of sugar cane. 655; Mar. 20.

Boyer, Lida, administratrix: *See*—
Davis, John D.

Briggs, Donald A.: *See*—
Briggs, Elizabeth A., assignor.

Briggs, Elizabeth A., assignor to D. A. Briggs, Encinitas, Calif. Gladiolus plant. 650; Feb. 20.

Cornell, Harold E., deceased, by T. Cornell, administratrix, assignor to T. H. Cornell, Winter Haven, Fla. Orange tree. 657; Apr. 17.

Cornell, Thelma, administratrix: *See*—
Cornell, Harold E.

Cornell, Thelma H.: *See*—
Cornell, Harold E., assignor.

Davis, John D., deceased, by L. Boyer, administratrix, Long Beach, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Peach tree. 651; Feb. 27.

Drain, Brooks D., assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Red raspberry plant. 653; Mar. 6.

Duehrsen, Carl G., assignor to Howard & Smith, Montebello, Calif. Rose plant. Pl. Pat. 664; Dec. 25.

Etter, Albert F., Ettersburg, assignor to G. C. Roeding, Jr., Niles, Calif. Crab apple tree. 658; June 5.

Etter, Albert F., Ettersburg, assignor to G. C. Roeding, Jr., Niles, Calif. Apple tree. 659; Aug. 28.

Germain Seed and Plant Company: *See*—
Morris, Theodore J., assignor.

Graham, Melville M., La Habra, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Avocado tree. 662; Nov. 27.

Howard, Frederick H., assignor to Howard & Smith, Montebello, Calif. Rose plant. 663; Dec. 11.

Howard, Frederick H., assignor to Howard & Smith, Montebello, Calif. Rose plant. Pl. Pat. 665; Dec. 25.

Howard & Smith: *See*—
Duehrsen, Carl G., assignor.
Howard, Frederick H., assignor.

Kellogg, R. M., Co.: *See*—
Prushek, Emil, assignor.

Lammerts, Walter E., West Los Angeles, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Peach tree. 661; Nov. 20.

Morris, Theodore J., Van Nuys, assignor to Germain Seed and Plant Company, Los Angeles, Calif. Rose plant. 652; Mar. 6.

Ott, William H., Whittier, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Cherimoya tree. 656; Mar. 27.

Prushek, Emil, Benton Harbor, assignor to R. M. Kellogg Co., Three Rivers, Mich. Chrysanthemum plant. 660; Oct. 9.

Roeding, George C., Jr.: *See*—
Etter, Albert F., assignor.

United States Sugar Corporation: *See*—
Bourne, Benjamin A., assignor.

University of Tennessee Research Corporation, The: *See*—
Drain, Brooks D., assignor.

Yoshioka, Tadao, Honolulu, Hawaii. Gardenia plant. 654; Mar. 13.

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A. B. C. Steel Equipment Co. Inc.: *See*—
Brownlie, J., and Gerstenzang, assignors.

ATA Manufacturing Company, Inc.: *See*—
Franz, Frederick, assignor.

A. W. Cash Company: *See*—
Terry, Charles M., assignor.

Aaron, Harry, New York, N. Y., assignor to H. E. Page, Pasadena, Calif. Hair clipper. 2,381,867; Aug. 14.

Aasland, Byron T.: *See*—
Zink, W. L., Aasland, and Hauswirth.

Aasland, John L., Moline, Ill., assignor to International Harvester Company. Corn picker. 2,389,478; Nov. 20.

Abadie, Henry G., Kettleman North Dome Hills, assignor of one-half to F. G. Bradbury, Los Angeles, Calif. Method and apparatus for locating leaks in wells. 2,383,455; Aug. 28.

Abbe, Kenneth P., Longmeadow, Mass. Making aluminum forgings. 2,379,466; July 3.

Abbe, Kenneth P., Longmeadow, Mass. Making aluminum forgings. 2,379,467; July 3.

Abbot, Charles G., Washington, D. C. Variable speed governor. 2,367,254; Jan. 16.

Abbott, Albert L., L. F. Spencer, and A. Lichtenstein, Canton, Ohio, assignors to Diebold, Incorporated. Carburizing thin gauge armor plate. 2,373,369; Apr. 10.

Abbott, Boyd R.: *See*—
Brown, H. C., Jr., and Abbott.

Abbott, Edward J.: *See*—
Perry, W. L., and Abbott.

Abbott, Geoffrey J., Carshalton, assignor to P. I. V. Chain Gears Limited, London, E. C. 2, England. Transmission mechanism of the V-pulley type. 2,378,375; June 19.

Abbott, Harry H., Coldwater, Mich. Universal joint. 2,381,096; Aug. 7.

Abbott Laboratories: *See*—
Frost, Douglas V., assignor.
Jones, Robert L., assignor.
Moore, Marjorie B., assignor.
Moore, M. B., and Kirchmeyer, assignors.
Raiziss, G. W., Clemence, and Freifelder, assignors.

Abbott Machine Company: *See*—
Perry, W. L., and Abbott, assignors.

Abbott, Robert H., and T. A. Dickson, assignors to Colorado Iron Works Company, Denver, Colo. Drying and calcining furnace. 2,390,675; Dec. 11.

Abe, Philber A., Sidney, and H. H. Brown and M. A. Crosby, Dayton, assignors to The Monarch Machine Tool Co., Sidney, Ohio. Surface hardening metal areas of limited size. 2,378,890; June 26.

Abeel, George H., III, North Hollywood, assignor of one-third to C. B. Jamison, and one-third to C. Mason, Beverly Hills, Calif. Variable length propeller. 2,372,350: Mar. 27.

Abegg & Reinhold Co. Ltd.: *See*—
Abegg, Walter A., assignor.

Abegg, Walter A., assignor to Abegg & Reinhold Co. Ltd., Los Angeles, Calif. Reconditioning drill pipe. 2,378,525; June 19.

Abel, Charles F. and A. I. Lodwick, Lakeland, Fla. Glider. 2,388,109; Oct. 30.

Abel, George, Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric power transmitter. 2,383,103; Aug. 21.

Abel, George H., Huntingdon Valley, Pa. Welder's protective cape. 2,388,234; Nov. 6.

Abel, Joseph C., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car underframe. 2,383,578; Aug. 28.

Abeles, Paul W., London, England. Half-tubular reinforced concrete beam for use in building construction. 2,375,744; May 15.

Abeles, Paul W., London, England. Construction of pitched roofs. 2,387,487; Oct. 23.

Abeles, Victor, Nashville, Tenn. Reducing the sulphur content of gasoline. 2,378,382; June 19.

Abell, Frank, Inglewood, Calif. Vehicle speed recording apparatus. 2,379,404; July 3.

Abell, Walter P., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Impregnating apparatus. 2,372,755; Apr. 3.

Aber Engineering Works Incorporated: *See*—
Horth, Bertrand D., assignor.

Abercrombie, Reid, Tamms, Ill. Railway switch mechanism. 2,376,952; May 29.

Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Nonstroboscopic circuit for gaseous discharge devices. 2,368,090; Jan. 30.

Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Gaseous discharge device. 2,369,767; Feb. 20.

Abernethy, John, Barberton, Ohio, assignor to The Babcock & Wilcox Company. Jersey City, N. J. Door latching mechanism. 2,383,032; Aug. 21.

Abington Textile Machinery Works: *See*—
Clark, Ernest, assignor.

Abraham, Leonard G., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal wave transmission system. 2,379,055; June 26.

Abraham, Leonard G., Madison, and D. Mitchell, Bound Brook, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic measurement and apparatus therefor. 2,370,385; Feb. 27.

Abramowitz, William L.: *See*—
Kelley, M. J., and Abramowitz.
Segessemann, E., and Abramowitz.

Abrams, Armand J., and L. B. Cook, Dallas, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Impregnation of lime with carbon. 2,380,008; July 10.

Abrams Instrument Company: *See*—
Abrams, T., Moore, and Karr, assignors.
Abrams, T., Moore, and Van Kirk, assignors.

Abrams, John M., Brooklyn, N. Y. Hole cutter for sheet material. 2,379,618; July 3.

Abrams, John R., Jersey City, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing compositions. 2,381,868; Aug. 14.

Abrams, Oliver A., and O. Schubert, Portland, Oreg., assignors to The E. J. Bartells Company, Seattle, Wash. Fitting insulating cover. 2,390,632; Dec. 11.

Abrams, Talbert, M. B. Moore, and W. S. Karr, assignors to T. Abrams, doing business as Abrams Instrument Company, Lansing, Mich. Optical instrument. 2,366,228; Jan. 2.

Abrams, Talbert, M. B. Moore, and C. B. Van Kirk, assignors to Talbert Abrams, doing business as Abrams Instrument Company, Lansing, Mich. Contour finder. 2,369,634; Feb. 20.

Abrams, Victor R., Maplewood, N. J. Fluid cleaner. 2,369,649; Feb. 20.

Abrams, Victor R., Rockford, Ill. Armored ventilating shield. 2,376,331; May 22.

Abrams, Victor R., Detroit, Mich. Fluid conduit. 2,390,501; Dec. 11.

Abramson, Harry, Ventnor, N. J. Solderer or lead tool. 2,380,138; July 10.

Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Apparatus for disassembling and reassembling tracks. 2,387,551; Oct. 23.

Abrasive Company: *See*—
Scheer, Hubert J., assignor.

Abshire, Harold W., Oak Park, Ill. Method of and apparatus for treating substances. 2,369.123; Feb. 13.

Abzug, Israel, New York, N. Y. Garment. 2,385,178; Sept. 18.

Accessories Corporation: *See*—
Wicks, John D., assignor.

Acco Products, Inc.: *See*—
Kern, Emil, assignor.

Ace Glass Incorporated: *See*—
De Woody, Charles M., assignor.
Madine, John J., Sr., assignor.

Acken, Marshall F., Wilmington, Del., and J. C. Vyverberg, Jr., Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration process. 2,370,437; Feb. 27.

Acken, Marshall F., and W. F. Filbert, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkali metal azides. 2,373,800; Apr. 17.

Acken, Marshall F., and R. M. Cavanaugh, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of trinitrotoluene. 2,380,248; July 10.

Acken, Marshall F., Woodbury, N. J., and O. E. Olsen, Washburn, Wis., assignors to E. I' du Pont de Nemours & Company, Wilmington, Del. Trinitrotoluene. 2,387,488; Oct. 23.

Acker, Albert J., assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Dolly. 2,389,584; Nov. 27.

Ackermann, Adolf G., St. Louis, Mo., assignor to The Allbright-Nell Company, Chicago, Ill. Carcass dipping apparatus. 2,383,835; Aug. 28.

Ackerman-Blaesser-Fezzey, Inc.: *See*—
Ackermann, E. L., and Crump, assignors.

Ackerman, Chester W., and E. A. Fierbaugh, Ashland, Ohio. Load protecting mechanism. 2,388,304; Nov. 6.

Ackerman, Edward L., and A. V. Crump, assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Power-operated window regulator. 2,373,085; Apr. 10.

Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip-controlling device for sewing machines. 2,370,511; Feb. 27.

Ackerman, James E., Devon, and F. F. Zeier, Stratfield, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Strip-guiding device for sewing machines. 2,376,646; May 22.

Ackermann, Walter E.: *See*—
McKinney, Corlus H., assignor.

Ackerson, Percy L., Cohasset, Mass. Level. 2,373,641; Apr. 17.

Ackley, Sherman G., South Gate, Calif. Fire block setter. 2,380,487; July 31.

Ackron, Albert, Chicago, Ill. Heating plant. 2,378,376; June 19.

Acme Aluminum Alloys, Inc.: *See*—
Cooper, Hugh S., assignor.

Acme Metal Goods Manufacturing Co.: *See*—
Gamache, Homer, assignor.

Acme Steel Company: *See*—
Childress, W. C., and Royal, assignors.
MacChesney, Chester M., assignor.
Wilson, Allen B., assignor.
Wognum, James N., assignor.

Acme Visible Records, Inc.: *See*—
Hopkins, Harry J., assignor.

Acrotorque Company, The: *See*—
Orshansky, Elias, Jr., assignor.
Sacchini, C. R., and Waterman, assignors.

Acrow (Engineers) Limited: *See*—
De Vigier, William A., assignor.

Actiengesellschaft Joh. Jacob. Rieter & Cie.: *See*—
Häfeli, Jacob, assignor.

Acton, Frank J.: *See*—
Portman, Lawrence B. and R. H., and Acton.

Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Safety system for tractors. 2,377,303; June 5.

Adair, Paul F., Dayton, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel feeding device. 2,372,306; Mar. 27.

Adam, Frank, Electric Company: *See*—
Adam, Frederick B., assignor.

Adam, Frederick B., St. Louis County, assignor to Frank Adam Electric Company, St. Louis, Mo. Operating mechanism for toggle type switches and circuit breakers. 2,368,083; Jan. 30.

Adams, Arthur A., Los Angeles, Calif., assignor to S. Karpen & Bros., Chicago, Ill. Cushion. 2,371,276; Mar. 13.

Adams, Arthur F.: *See*—
Clark, W. F., and Adams.

Adams, Arthur R., Glendale, Calif. Fastener. 2,380,568; July 31.

Adams, Arthur T., Chicago, Ill., assignor to Landon P. Smith, Inc., Irvington, N. J. Roller stippler. 2,368,513; Jan. 30.

Adams, Chester E., Highland, Ind., assignor to Standard Oil Company, Chicago, Ill. Resin from petroleum. 2,377,914; June 12.

Adams, Chester E., Highland, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Esters of acids of phosphorus. 2,372,244; Mar. 27.

Adams, Comfort A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. High-speed direct current generator. 2,368,608; Jan. 30.

Adams, Dock, Whitesburg, Ky. Tape measuring and marking machine. 2,387,867; Oct. 30.

Adams, Donald L.: *See*—
Oehler, A. W., and Adams.

Adams, Elmer W., Hammond, and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Steam cylinder lubricants. 2,373,733; Apr. 17.

Adams, Elmer W., Hammond, Ind., and G. W. Flint, assignors to Standard Oil Company, Chicago, Ill. Lubricants. 2,383,033; Aug. 21.

Adams, Eugene, Newark, N. J. Helicopter. 2,381,417; Aug. 7.

Adams, Floyd W., Huntington Park, Calif., assignor to The Celotex Corporation, Chicago, Ill. Making composite siding and roofing. 2,390,045; Dec. 4.

Adams, Frederic H.: *See*—
Conn, R. C., Adams, and Goulding.
Lecher, H. Z., Hardy, and Adams.
Swain, R. C., and Adams.

Adams, Frederic H., and W. B. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Stabilization of coloring compositions containing diazonium salts. 2,378,276; June 12.

Adams, Frederic H., Bound Brook, H. Z. Lecher, Plainfield, and W. B. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Stabilization of coloring compositions containing diazonium salts. 2,386,646; Oct. 9.

Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polishing of glass surfaces. 2,366,825; Jan. 9.

Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Fortification of glass surfaces. 2,377,062; May 29.

Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Providing matte surfaces upon glass. 2,381,479; Aug. 7.

Adams, Harold A., Bakersfield, and M. Eichelberger, Kernville, Calif., assignors to E. A. B. Incorporated Internal-combustion engine charge forming device 2,386,765; Oct. 16.

Adams, Harold W.: *See*—
Burton, E. F., Adams, and Wheelon.

Adams, Harold W., Santa Monica, and W. B. Klemperer, West Los Angeles, Calif., assignors to Bendix Aviation Corporation, Bendix, N. J. Transmission. 2,377,199; May 29.

Adams, Henry H.: *See*—
Clifford, W. J., and Adams.

Adams, Joseph C., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Magnetic pickup device. 2,381,097; Aug. 7.

Adams, Leon M.: *See*—
Gerhart, H. L., and Adams.

Adams, O. J.: *See*—
Campbell, Vernon H., assignor.

Adams, Merrill L.: *See*—
Hearne, G. W., and Adams.

Adams, Pierrepont: *See*—
Swain, R. C., and Adams.

Adams, Richard C., Cleveland Heights, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Coating device. 2,378,900; June 26.

Adams, Robert C., El Cerrito, Calif. Portable elevator. 2,390,286; Dec. 4.

Adams, Silvan E., et al.: *See*—
Deavenport, Ben M., assignor.

Adams, Thomas O., Jr., and T. H. Troller, New Philadelphia, Ohio, assignors to La-Del Conveyor & Manufacturing Company. Adjustable pitch propeller mechanism. 2,390,068; Dec. 4.

Adams, William H., Jr., assignor to Haveg Corporation, Newark, Del. Pipe flange. 2,374,574; Apr. 24.

Adams, William S., Haverford, Pa. Internal-combustion engine. 2,383,836; Aug. 28.

Adamson, William D.: *See*—
Milburn, Paul W., and Adamson.

Addink, Nicolaas W. H., J. J. A. P. van Amstel, and N. Bos, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking-laying rectifier. 2,381,025; Aug. 7.

Addressograph-Multigraph Corporation: *See*—
Gollwitzer, Walter T., assignor.
Hatfield, Robert L., assignor.
Morse, Lawrence H., assignor.
Phillips, H. B., and Springer, assignors.
Sand, Charles H., assignor.
Sandman, Robert C., assignor.

Adel Precision Products Corp.: *See*—
Eggert, Ronald E., assignor.
Eggert, R. E., and Le Vesconte, assignors.
Ellinwood, Herman R., assignor.
Jordan, Russ C., assignor.
Kehle, Ottmar A., assignor.
Kelly, John W., assignor.
Kitts, William, assignor.
Le Vesconte, Harold J., assignor.
Morehouse, Eugene M., assignor.
Plumb, George W., assignor.
Robertson, Archibald, assignor.
Van Der Werff, Jacob B., assignor.

Adelhanof, Harry S.: *See*—
Schubert, A. J., and Adelhanof.

Adeline, Pierre, Sidcup, England. Manufacture of metals and alloys. 2,369,112; Feb. 6.

Adeline, Pierre, Sidcup, England, assignor to Thermoloys Limited, London, England. Manufacture of ferromanganese. 2,370,610; Feb. 27.

Adell, Harry E., Stafford, Kans. Bookrack for blackboards. 2,367,747; Jan. 23.

Adelman, Arthur, Chesaning, Mich. Propellent charge holder. 2,371,139; Mar. 13.

Adelman, Arthur, Chesaning, Mich. Antitank mine fuse. 2,376,332; May 22.

Adels, Sidney, Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Babbitting. 2,381,797; Aug. 7.

Adelson, David E., Berkeley, and H. Dannenberg, assignors to Shell Development Company, San Francisco, Calif. Allyl ester resins and their preparation. 2,386,999; Oct. 16.

Adkerson, Branch O., New York, N. Y., assignor to American Telephone and Telegraph Company. Cable splicing apparatus. 2,377,394; June 5.

Adkins, Alonzo L.: *See*—
Dysart, W. L., and Adkins.

Adkisson, Glen E., Broken Bow, Okla. Vehicle anchor device. 2,376,318; May 15.

Adlake Company, The: *See*—
Kessler, Ward P., assignor.
Larson, Carl H., assignor.

Adlam, Thomas N., West Orange, assignor to Sarca Company, Inc., New York, N. Y. Steam and water mixing device. Re. 22,603; Feb. 20.

Adler Manufacturing Co., Incorporated, et al.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins, assignors.

Adler, Robert: *See*—
Morris, G. V., and Adler.

Adler, Rudolf, Montreal, Quebec, Canada. Activated carbon and producing the same. 2,377,063; May 29.

Adler, Rudolph, Montreal, Quebec, Canada. Water purifying and softening apparatus. 2,372,640; Apr. 3.

Admiral Corporation: *See*—
Iwashita, George K., assignor.

Adney, Adrian P.: *See*—
Barton, B. D., and Adney.

Adorjan, Paul, Kingston Hill, J. E. Nash, Beckenham, and E. W. Rogers, Hayes, England. Controlling automatically the speed of dynamoelectric machines. 2,366,167; Jan. 2.

Adrian, Joseph, assignor to The Turner Type Founders Company, Cleveland, Ohio. Paper handling machine 2,385,047; Sept. 18.

Adrian Production Tool Co.: *See*—
Melbourne, Robert W., assignor.

Advance Solvents & Chemical Corporation: *See*—
Mack, Gerry P., assignor.

Aeppli, Albert, assignor to Maag-Zahnräder und-Maschinen Aktiengesellschaft, Zurich, Switzerland. Device for rectifying the involute tooth-profile of gear grinding disks. 2,376,109; May 15.

Aeppli, Albert, assignor to Maag-Zahnräder und-Maschinen Aktiengesellschaft, Zurich, Switzerland. Machine for machining screw gears. 2,376,110; May 15.

Aero Engineering Corporation: *See*—
Briner, Emil A., assignor.

Aero Supply Mfg. Co. Inc.: *See*—
Cameron, Fred H., assignor.
Downey, George T., assignor.
Pain, Edwin F., assignor.

Aero Survey Corporation: *See*—
Cooke, Hereward L., assignor.

Aero Zipp Fasteners Limited: *See*—
Meitner, Béla, assignor.

Aerodynamic Research Corporation: *See*—
Crook, Louis H., assignor.

Aeronautical Machinery Corporation: *See*—
Bloch, Erich, assignor.

Aeronautical & Mechanical Investments Limited: *See*—
Arnot, Alfred, assignor.
Conway, Hugh G., assignor.

Aerovox Corporation: *See*—
Heyman, Sam, assignor.
Kalstein, Abraham G., assignor.
Waldman, S., and Coggins, assignors.

Aetna Iron & Steel Company, The: *See*—
Spaulding, Ralph E., assignor.

African Sisal & Produce Company Limited: *See*—
Browne, Rowland J., assignor.

Aga-Baltic Aktiebolag: *See*—
Aulin, Evert, assignor.
Granqvist, Carl-Erik, assignor.
Hultin, Rune, assignor.

Aga Metal Tube Company: *See*—
McMinn, W. W., and Brant, assignors.

Agens, Maynard C., Schenectady, N. Y., assignor to General Electric Company. Synthetic resinous compositions. 2,373,527; Apr. 10.

Aget Manufacturing Company: *See*—
Buskirk, Elmore E., assignor.
Gilmore, Harry L., assignor.

Aghnides, Elie, New York, N. Y. Motor vehicle. 2,372,043; Mar. 20.

Agnew, Norman F., and W. P. Place, Wilkinsburg, Pa. Electrical fence charging apparatus. 2,375,458; May 8.

Agnew, Robert D., Coalinga, Calif., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Well surveying instrument. 2,378,526; June 19.

Agnew, Robert J.: *See*—
Weetman, B., and Agnew.

Agnew, William Y., Little Silver, and S. S. Cole, Metuchen, N. J., assignors to National Lead Company, New York, N. Y. Halogenation. 2,378,675; June 19.

Agre, Courtland L., Minneapolis, Minn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photopolymerization. 2,367,660; Jan. 23.

Agre, Courtland L., Minneapolis, Minn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photopolymerization. 2,367,661; Jan. 23.

Agre, Courtland Le V., Minneapolis, Minn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making mixed esters. 2,381,888; Aug. 14.

Agre, Courtland L., and R. M. Leekley, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,378,169; June 12.

Agriculture, United States of America as represented by the Secretary of: *See*—
Altschul, A. M., and Karon, assignors.
Asbill, C. M., Jr., and Hill, assignors.
Balch, Royal T., assignor.
Balls, A. K., and Hale, assignors.
Balls, A. K., Hale, and Harris, assignors.
Barthel, W. F., and Haller, assignors.
Butz, Lewis W., assignor.
Coghill, R. D., and Milner, assignors.
Cowan, J. C., and Ault, assignors.
Cowan, J. C., and Teeter, assignors.
Fisher, C. H., and Fein, assignors.
Flynn, T. P., and Kramer, assignors.
Ford, Tirey Foster, assignor.
Gertler, Samuel I., assignor.
Gertler, S. I., and Haller, assignors.
Goldthwait, Charles F., assignor.
Johnston, A., and Le Compte, assignors.
Langford, C. T., and Slotter, assignors.
Lathrop, E. C., and Aronovsky, assignors.
Lauer, Walter M., assignor.
Lineweaver, H., and McCready, assignors.
Maclay, W. D., and Nielsen, assignors.
Morell, Samuel A., assignor.
Nudenberg, Walter, assignor.
Orchin, M., and Butz, assignors.
Palkin, S., and Hall, assignors.
Ratchford, W. P., and Fisher, assignors.
Reed, Jesse O., assignor.
Rehberg, C. E., and Fisher, assignors.
Riemenschneider, R. W., and Turer, assignors.
Ross, W. H., Shipley, Mullins, and Hardesty.
Smith, A. K., Max, and Wheeler, assignors.
Smith, Wiley C., assignor.
Stamm, A. J., and Turner, assignors.
Tilley, Frank W., assignor.
Wells, P. A., and Riemenschneider, assignors.
Willaman, John J., assignor.
Woodward, C. F., Eisner, and Haines, assignors.

Agule, George J.: *See*—
Skehan, J. W., and Agule.

Ahern, Edward T., deceased, New Haven, Conn.; I. D. Ahern, administratrix. Powder container and blower package. 2,366,702; Jan. 9.

Ahern, Edward T., New Haven, Conn.; I. D. Ahern, administratrix of said E. T. Ahern. Powder dispenser package. 2,372,154; Mar. 20.

Ahern, Edward T., deceased, New Haven Conn.; I. D. Ahern, administratrix. Apparatus for inflating and deflating an expansible plug by means of a liquid content. 2,378,367; June 12.

Ahern, Irene D., administratrix: *See*—
Ahern, Edward T.

Ahier, Jean, and R. Hardy, Lyon, France; vested in the Alien Property Custodian. Indicating system particularly for the measure of angles. 2,380,929; Aug. 7.

Ahlberg, Jacob E.: *See*—
Lee, E. C., and Ahlberg.
Thomas, C. L., and Ahlberg.

Ahlberg, Jacob E., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,374,404; Apr. 24.

Ahlberg, Jacob E., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,369,001; Feb. 6.

Ahlberg, Jacob E., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,382,951; Aug. 21.

Ahlstrom, William M., Mentor, and R. J. Tischler and F. H. Parsons, Fairport Harbor, Ohio. Fluid meter. 2,367,176; Jan. 16.

Ahmer, Carl W.: *See*—
Wood, K. R., and Ahmer.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Tool. 2,367,552; Jan. 16.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Cabinet. 2,376,411; May 22.

Aicher, John O.: *See*—
Campbell, J. H., and Aicher.

Aiken, Charles B., North Plainfield, N. J., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical method and apparatus for logging boreholes. 2,388,896; Nov. 13.

Aiken, Charles B., North Plainfield, N. J., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical logging. 2,390,409; Dec. 4.

Aiken, Thomas M., Pittsburgh, Pa. Camera diaphragm. 2,369,199; Feb. 13.

Aiken, Thomas McG., Pittsburgh, Pa. Camera shutter. 2,391,377; Dec. 25.

Ainsworth, J. Anna, et al.: *See*—
Emerson, Arthur J., assignor.

Airadio Incorporated: *See*—
Schonert, K. E., and Hatfield, assignors.

Air Associates, Incorporated: *See*—
Crow, Harold I., assignor.

Air Balance Instrument Co.: *See*—
Sutliffe, F. C., and Ashley, assignors.

Air Communications, Inc.: *See*—
Erickson, Carl V., assignor.
Aircooled Motors Corporation: *See*—
Doman, Carl T., assignor.
Aircraft Accessories Corporation: *See*—
Benaway, Bernard G., assignor.
Aircraft-Marine Products, Inc.: *See*—
Buchanan, Stephen N., assignor.
Carlson, Vernon E., assignor.
White, Harry B., assignor.
Aircraft Mechanics, Inc.: *See*—
Brown, Terrill O., assignor.
Aircraft Parts Development Corporation: *See*—
Ellis, R. M., and Hungerford, assignors.
Aircraft Screw Products Company, Inc.: *See*—
Caminez, Harold, assignor.
Cram, Harkness W., assignor.
Cram, H. W., and Eckener, assignors.
Dawson, Hector G., assignor.
Eckener, Erwin, assignor.
Haas, Otto, assignor.
Hawkins, James R., assignor.
Lang, Eugene M., assignor.
Patterson, Chester L., assignor.
Aireon Manufacturing Corporation: *See*—
Benaway, Bernard G., assignor.
Middleton, Ralph E., assignor.
Air-Maze Corporation: *See*—
Glanzer, Clarence J., assignor.
Walton, George M., assignor.
Airoast Corporation: *See*—
Goldfine, Wesley R., assignor.
Airplane Manufacturing & Supply Corporation: *See*—
Mabery, Nelson, assignor.
Air Preheater Corporation, The: *See*—
Holm, Sven, assignor.
Holm, S., and Vickland, assignors.
Landwier, William G., assignor.
Yerrick, W. D., and Jensen, assignors.
Yerrick, W. D., and Waitkus, assignors.
Air Reduction Company, Incorporated: *See*—
Anderson, James L., assignor.
Balcar, Frederick R., assignor.
Blashfield, Floyd A., assignor.
Deming, George M., assignor.
Dennis, Wolcott, assignor.
Glekler, John T., assignor.
Hamilton, James K., assignor.
Heidbrink, Jay A., assignor.
Hughey, Howard G., assignor.
Lorch, Arthur E., assignor.
Metzger, Floyd J., assignor.
Place, Leonard H., assignor.
Smith, Stephen, assignor.
Tollefson, Richard C., assignor.
Tyrner, Joseph M., assignor.
Walker, George L., assignor.
Wynn, Clayton S., assignor.
Air-Shields, Inc.: *See*—
Hahn, Lewis F., assignor.
Air-Way Electric Appliance Corporation: *See*—
Nuffer, J. H., and Latta, assignors.
Aitchison, Adam G.: *See*—
Petering, W. H., and Aitchison.
Aitchison, Adam G., Westfield, and W. H. Petering, Metuchen, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process. 2,371,645; Mar. 20.
Aitelli, Silvio M., Newark, N. J. Tractional refuse or like can. 2,366,299; Jan. 2.
Ajax Engineering Corporation: *See*—
Tama, Mario, assignor.
Tama, M., and Hoff, assignors.
Tama, Manuel and M., assignors.
Tama, Manuel, and Mario, assignors.
Ajax Manufacturing Company, The: *See*—
Criley, William W., assignor.
Aker, Evender S., Belleville, N. J. Sectional journal means for shafts. 2,380,715; July 31.
Akerley, George A., San Francisco, Calif. Diesel engine. 2,377,200; May 29.
Akerman, John D., Minneapolis, and W. M. Boothby, A. H. Bulbulian, and W. R. Lovelace, II, Rochester, Minn. Sealed aviator's suit and helmet and means for controlling gas pressure and oxygen delivery therein. 2,390,233; Dec. 4.
Akers, Harrison R., Tyler, Tex. Guardrail clamp. 2,385,248; Sept. 18.
Akins, Jake, assignor of one-half to A. A. Dorman, Statesboro, Ga. Amphibious vehicle. 2,376,647; May 22.
Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto lens. 2,378,170; June 12.
Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto objective. 2,380,207; July 10.
Aklin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Rapid objective. 2,391,114; Dec. 18.
Akron Brass Manufacturing Company: *See*—
Glessner, Donald P., assignor.
Aksomitas, William E., Hartford, Conn., assignor to Hartford-Empire Company. Cooling glass articles. 2,390,910; Dec. 11.
Aktiebolaget Aerotransport: *See*—
Carlstein, Olof W., assignor.
Aktiebolaget Atlas Diesel: *See*—
Camner, Hilding G., assignor.
Granstedt, Karl E., assignor.
Aktiebolaget Bolinder-Munktell: *See*—
Wallgren, August G. F., assignor.
Aktiebolaget, C. E. Johansson: *See*—
Woxén, Ragnar, assignor.
Aktiebolaget Duba: *See*—
Persson, Sven H., assignor.
Aktiebolaget Defibrator: *See*—
Asplund, A. J. A., and Holst, assignors.
Aktiebolaget Formator: *See*—
Granstedt, Karl E., assignor.
Aktiebolaget Gotaverken: *See*—
Johansson, Johan E., assignor.
Aktiebologet Hammarbylampan: *See*—
Heuberger, Josef, assignor.
Wolff, Hans H., assignor.
Aktiebolaget J. C. Ljungman: *See*—
Eklund, Hans E., assignor.
Aktiebolaget Kamyr: *See*—
Richter, Johan C. F. C., assignor.
Aktiebolaget Kardbeslag: *See*—
Schaub, André H., assignor.
Aktiebolaget Kemiska Patenter: *See*—
Lehrecke, Hans, assignor.
Aktiebolaget Milo: *See*—
Lysholm, Alf, assignor.
Aktiebolaget Sangfabriken: *See*—
Ericsson, Tore, assignor.
Aktiebolaget Separator: *See*—
Forsberg, Erik A., assignor.
Stigen, Alf L., assignor.
Aktiebolaget Separator-Nobel: *See*—
Engel, Bruno K., assignor.
Aktiebolaget Svenska Carbidekontoret: *See*—
Nordholm, Karl S. J., assignor.
Aktiengesellschaft Adolph Saurer: *See*—
Bolli, Bernhard, assignor.
Aktiengesellschaft Brown, Boveri & Cie: *See*—
Beldi, Fritz, assignor.
Gaudenzi, Arthur, assignor.
Giger, Walter, assignor.
Huber, Jakob, assignor.
Jonas, Julius, assignor.
Moack, Walter G., assignor.
Pfenninger, Hans, assignor.
Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer: *See*—
Stemmler, H., and Künzi, assignors.
Von Zelewsky, O., and Kunzi, assignors.
Aktiengesellschaft Fuer Technische Studien: *See*—
Gygi, Hans, assignor.
Villiger, Eugen, assignor.
Wiederkehr, Robert, assignor.
Aktiengesellschaft vermals B. Siegfried: *See*—
Demolis, André, assignor.
Aktiengesellschaft vormals B. Siefried: *See*—
Hirschmann, Heinrich, assignor.
Alabrune François, Chicago, Ill. Transportation method. 2,373,086; Apr. 10.
Alba, Ralph T.: *See*—
Wallerstein, J. S., Alba, and Farber.
Alben, Frank L.: *See*—
Brecht, W. A., and Alben.
Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam-turbine locomotive. 2,386,186; Oct. 9.
Alben, Frank L., and B. F. Langer, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Railway vehicle truck. 2,384,785; Sept. 18.
Alberding, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,371,726; Mar. 20.
Albero, Andrew, Delaware Gardens, N. J. Cooling sewing machine needles. 2,373,734; Apr. 17.
Albers, John R., assignor to Wincharger Corporation, Sioux City, Iowa. Electric wind plant. 2,388,377; Nov. 6.
Albert Specialty Company: *See*—
Swartz, A. G., and Moore, assignors.
Albert, Walter L., Jr., Seminole, Okla., assignor to Phillips Petroleum Company. Hydraulic governor valve. 2,384,227; Sept. 4.
Albertine, Albert W.: *See*—
Eckhardt, F. F., Pearson, and Albertine.
Alberts, John R., Sioux City, Iowa, assignor to Wincharger Corporation. Electrical control system. 2,386,921; Oct. 16.
Alberts, Leon N., New York, N. Y. Corselet. 2,387,552; Oct. 23.
Albertson, Benjamin S., Jr., Lewes, Del., assignor of forty percent to F. Osann, and twenty percent to H. D. Spencer, White Plains, N. Y. Cooling means for rapid firing guns. 2,376,321; May 22.
Albertson & Company, Inc.: *See*—
Albertson, Frank O., assignor.
Albertson, Frank O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Abrasive disk. 2,385,249; Sept. 18.
Albertson, Jonathan Y.: *See*—
Sonneborn, J. R., and Albertson.
Albi Chemical Corporation: *See*—
Jones, G., and Juda, assignors.

Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Sound recording method and system. 2,376,567; May 22.
Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Electronic trigger method and circuit. 2,388,812; Nov. 13.
Albrecht, Gilmon F., Madison, Wis. Botfle disposal rack. 2,384,870; Sept. 18.
Albrecht, Lewis, Mahwah, N. J. Supporting column for tanks and the like. 2,387,969; Oct. 30.
Albrecht, Martin L., and J. G. Birn, assignors to F. W. Brehmer Machine & Tool Co., Cincinnati, Ohio. Clamp. 2,381,480; Aug. 7.
Albrecht, Otto: *See*—
Graenacher, C., Sallmann, Albrecht, and Frei.
Albrecht, Otto, Neue Welt, near Basel, C. Graenacher, Riehen, and R. Sallmann, Bottmingen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Triazine condensation products and making same. 2,374,259; Apr. 24.
Albrecht, Otto, Neue-Welt, near Basel, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Rendering fibrous textile materials fast to slipping. 2,390,046; Dec. 4.
Albright, Robert B., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Frequency modulation detector and converter. 2,378,819; June 19.
Alburger, James R., Hollywood, Calif., assignor to Radio Corporation of America. Photographic fixing method. 2,387,000; Oct. 16.
Alcantara, Armando J., Yermo, Calif. Wave motor. 2,378,966; June 26.
Alco-Gravure Division of Publication Corporation: *See*—
Kott, Hermann, assignor.
Alcorn, Arnold S.: *See*—
Gagnon, T. J., and Alcorn.
Alcumbrack, Lyle: *See*—
Wilson, Robert C., assignor.
Alden, Herbert W.: *See*—
Spiller, W. R., Alden, and Super.
Alden, Herbert W., L. R. Buckendale, and R. K. Super, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. Re. 22,604; Feb. 20.
Alder, Roy F.: *See*—
Downs, Austin H., assignor.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Fabric. 2,373,801; Apr. 17.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Portable container for compressed gases. 2,380,372; July 31.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Handling elastic thread and product thereof. 2,380,373; July 31.
Alderfer, Sterling W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Oven for manufacturing continuous rubber articles. 2,381,387; Aug. 7.
Alderman, Artis, Lincoln Park, Mich. Cultivator attachment for tractors. 2,390,767; Dec. 11.
Alders, William H., Youngstown, Ohio, assignor to Pesco Products Co. Suction relief valve. 2,367,989; Jan. 23.
Alderson, Witty L., Jr.: *See*—
Coffman, D. D., and Alderson.
Alderson, Witty L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions and articles of manufacture comprising them. 2,374,067; Apr. 17.
Alderson, Witty L., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining cork-like products from polymers of ethylene. 2,387,730; Oct. 30.
Aldrich, Benjamin M., Stillwater, Okla. Quick opening and sealing envelope. 2,377,915; June 12.
Alexander, Claude H., and H. Tucker, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization of vinyl halides. 2,366,306; Jan. 2.
Alexander, David J., Philadelphia, Pa. Physiotherapeutic apparatus. 2,382,841; Aug. 14.
Alexander, Donald B., trustee, et al.: *See*—
Schmitt, Arthur J., assignor.
Alexander, Donald F: *See*—
Kuhn, A. J., Alexander, and Hornaday.
Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Protector. 2,368,084; Jan. 30.
Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,374,967; May 1.
Alexander, Donald F., assignor to General Motors Corporation, Dayton, Ohio. Control means for Diesel engines. 2,373,735; Apr. 17.
Alexander, Donald F., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Temperature control. 2,372,307; Mar. 27.
Alexander, Edith F., Haverford, Pa. Luggage carriage. 2,375,338; May 8.
Alexander, Ford I., Whittier, Calif. System for detonating explosives in deep wells or the like. 2,390,676; Dec. 11.
Alexander, Harvey B., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Propellent powder. 2,379,056; June 26.
Alexander, John, Santa Cruz, Calif. Mill. 2,383,437; Aug. 28.
Alexander, John M., Lincoln, Nebr. Coin-controlled liquid dispensing apparatus. 2,384,585; Sept. 11.
Alexander, Paul, Berkhamsted, England. Thermal deposition of metals in a vacuum. 2,387,970; Oct. 30.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Production of metal hydrides. 2,372,168; Mar. 27.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of metals. 2,375,198; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of metals. 2,375,199; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of barium. 2,375,200; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Purification of strontium. 2,375,201; May 8.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Incorporated, Beverly, Mass. Production of hydrides of alkaline earth metals. 2,378,368; June 12.
Alexander, Walter C., Oswego, assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signal system. 2,366,690; Jan. 9.
Alexandersson, Harald V., and N. U. Hagren, Lidingo, assignors to Svenska Aktiebolaget Gasaccumulator, Lidingo, near Stockholm, Sweden. Record changer for phonographs. 2,390,862; Dec. 11.
Alexandrescu, Alexander M., Cleveland, Ohio. Automatic centrifugal hydraulic flywheel. 2,368,437; Jan. 30.
Alexandrou, Constantine, Brooklyn, N. Y. Steam boiler. 2,383,034; Aug. 21.
Alf, Alfred I.: *See*—
Doran, H. M., Jackson, and Alf.
Alfandre, Harry, Jamaica, N. Y. Supply holder. 2,374,717; May 1.
Alfandre, Harry, Jamaica, N. Y. Apparatus for mounting safety pins on cards. 2,378,171; June 12.
Alfandre, Harry, Jamaica, N. Y. Apparatus for mounting safety pins on cards. 2,378,172; June 12.
Alfandre, Ralph, Forest Hills, N. Y. Adjustable band for garments. 2,375,745; May 15.
Alfano, Alfonso: *See*—
Katz, J., and Alfano.
Alfonte, James R., U. S. Army, Fortville, Ind. Fork-lift truck. 2,388,458; Nov. 6.
Alford, Andrew, New York, N. Y., assignor to Federal Telephone and Radio Corporation. Radio beacon with quadrant identification. 2,367,177; Jan. 16.
Alford, Andrew, New York, N. Y., assignor to Federal Telephone and Radio Corporation. Antenna arrangement. 2,370,628; Mar. 6.
Alford, Andrew, New York, N. Y., assignor to Federal Telegraph Company, Newark, N. J. Glide path beacon. 2,373,090; Apr. 10.
Alford, Andrew, New York, N. Y., C. A. Segerstrom, Jr., Teaneck, N. J., and H. N. Capen, New York, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Antenna. 2,372,651; Apr. 3.
Alford, Andrew, Cambridge, Mass., and G. K. Patterson, New York, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Modulation circuit. 2,383,456; Aug. 28.
Alford, Andrew, and M. Fuchs, New York, N. Y., assignors to Federal Telephone and Radio Corporation. Antenna construction. 2,385,783; Oct. 2.
Alford, Edward L., and M. L. Martin, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Noise shield for acoustic devices. 2,390,488; Dec. 11.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Turbosupercharger. 2,372,467; Mar. 27.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Centrifugal compressor. 2,377,740; June 5.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Gas turbine. 2,382,387; Aug. 14.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Gas turbine. 2,382,842; Aug. 14.
Alford, Joseph S., Nahant, Mass., assignor to General Electric Company. Gas turbine. 2,383,948; Sept. 4.
Alford, Lowell C.: *See*—
Smith, W. L., and Alford.
Alfred, Lawrence W.: *See*—
Merrill, M. S., and Alfred.
Alger, Harley C., Chicago, Ill. Intaglio printing. 2,373,087; Apr. 10.
Alger, Harley C., Chicago, Ill. Photoengraving or the like. 2,387,048; Oct. 16.
Algoma Net Company: *See*—
Anderegg, Edward W., assignor.
Alien Property Custodian: *See*—
Addink, N. W. H., van Amstel, and Bos.
Ahier, J., and Hardy.
Allard, Pierre J.-M. T.
Allard, Pierre Jean-Marie T.
Amiot, Felix.
Anschütz, Robert.
Anschütz, R., and Kämmel.
Antonelli, L., and Pavan.
Arsandaux, Louis.
Aurbach, Kurt.

Alien Property Custodian : *See*—Continued
Aurbach, Kurt, assignor.
Bardet, Gerard.
Barényi, B., and Wilfert.
Barth, Gustav.
Bauersfeld, Walther.
Bazille, Cyrille A.
Becker, W., and Maass.
Beer, L., Berg, and Gruber.
Beg, H., and Schmidt.
Behne, R., and Buhs.
Berg, H., and Doriat.
Berg, H., and Heim.
Bergès, Andre.
Berghaus, B., and Burkhardt.
Bergk, Hans.
Bernstorff, H., and Allendörfer.
Biefeld, Karl.
Bender, Karl.
Berthiez, Charles W.
Beyer, Werner K. R.
Biedermann, Friedrich.
Bischoff, Kurt.
Boenecke, Alfred.
Borsakovsky, Voldemar.
Bottaro, Giacomo.
Böttcher, Rudolf.
Boudin, Louis.
Boulet, Georges.
Brandl, Willi.
Bruylants, P., and Merckx.
Buck, Robert.
Burali, Romano.
Campfens, C. J., and Dalstra.
Caro, M., and Lambet.
Carol, Marius.
Chireix, Henri.
Cipolla, Manlio.
Cito, Cammilo.
Compagnon, P. H. M., and Le Bras.
Compare, Alberto.
Conradty, Ottmar.
Courcy, G., and Durand.
Coutor, Charles.
Cucchi, A., and Manzini.
Custers, Jakob.

D'Accadia, Eduardo U.
D'Aubarede, Paul C. A. M.
Dällenbach, W., Allerding, and Huttmann.
Dawihl, Walther, assignor.
de Bruijn, H., and Plusje.
Dekker, Arien.
De Lange, C., and Boucher.
Delloye, Andre L. C.
De Milleville, Marie J. M.
De Rohden, Charles.
Descarsin, Maurice.
Deutsch, Walther.
Dichter, Jakob.
Dietrich, Hans L.
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.
Dorsman, Cornelis, assignor.
Duchaussoy, Camille.
Dupont, Emile.
Egersdörfer, Fritz.
Eggers, Hans.
Ehrenberg, Gustav.
Elian, John.

Elssner, G., and Schröder.
Engelhard, H., and Petri.
Estienne, Aimé.
Faillot, René.
Faragó, Julius, assignor.
Farkas, Kálmán.
Feisst, W., Roelen, and Schuff.
Feron, Francois.
Fikentscher, H., and Roehm.
Fosse, H., Palou, and Lacombe.
Freudenberg, K., and Lautsch.
Freyssinet, Eugene.
Friedel, Georg.
Friedrichs, Werner.
Gallo, Gino.
Gamet, Pierre P.
Ganiayre, A., and Hardy.
Gastrow, Hans.
Gauthier, Gaston.
Gazda, Antoine.
Geffcken, W., and Berger,
Gehmlich, Bruno.
Gente, Ernst.
Gilli, Paul.
Gobin dit Daudé, Jean E. F.
Gosslau, F., Schmidt, and Weiche.
Gosslau, F., Schmidt, and Zarnack.
Gräbener, Heinz.
Grandel, Felix.
Guignard, Edwin M. F.
Haack, Erich, assignor.
Haas, Rudolf.
Hagedorn, Gerhard.
Hansen, Gerhard.
Hardy, René, and de Maertelaere.

Alien Property Custodian : *See*—Continued
Hausleiter, Fritz H., assignor.
Havlíček, Vítězslav.
Heckel, H., and Roelen.
Heim, Gerhard.
Heimbach, Bruno.
Heinen, Josef.
Henricot, Jacques F.
Hentrich, W., Engelbrecht, and Schirm.
Hentrich, W., and Gündel.
Hentrich, W., Kaiser, and Endres.
Hentrich, W., Schirm, and Engelbrecht.
Herbline, Célestin L.
Herkert, Louis.
Hermitte, Louis A.
Herold, P., Kaufmann, and Woerner.
Hertel, Heinrich.
Hertz, Jørgen.
Hessels, Johan H. E.
Higonnet, R. A., and Chereau.
Hijmans, Ernst.
Hintze, R., and Engelmann.
Hoffmann, Georg.
Hueter, Richard.
Hunsdiecker, Heinz.
Hyprath, Walter.
Incagnoli, Venanzio.
Issaly, Raoul M. L.
Jalbert, Jean H., assignor.
Jasse, Raymond J.
Jastrzebski, Wincenty.
Jeremiassen, Finn.
Junghans, Helmut.
Kaiser, Heinrich.
Kämmel, Hugo E.
Kaschke, Kurt, assignor.
Kattwinkel, Hans.
Kégresse, Adolphe.
Kern, Rudolf.
Kesselring, F., Gieffers, and Kaufmann.
Kiel, Karl B. W.
Kielland, Jan.
Kirsebom, Gustaf N.
Kittler, Georg.
Knick, Ulrich.
Kobligk, Kurt.
Kolb, Emile.
Komeda, Jean.
Komenda, Erwin.
Koppelmann, F., and Leukert.
Korte, H., Waibel, and Metzger.
Kronenberger, Adam.
Küffer, Johannes.
Kühlwein, Friedrich L.
Künzer, Heinrich.
Kuss, E., and Hohn.
Lang, R., von Fahland, and Gros.
Lapeyre, Gaston.
Laraque, Roland.
Latscher-Latka, Eric.
Lautenschläger, Franz.
Lecorguillier, Jean.
Lejeune, Leon M. S.
Lentz, Anton.
Lesser, Otto.
Liesken, Auguste H.
Linder, Rudolf.
Lisi, Giuseppe.
Lohse, Julius.
L'Orange, Prosper.
Loth, W. A., and Guyot.
Lowenstein, Leo.
Maier, Karl.

Maillat, Gustave E.
Malczewski, Jérémi.
Marquet, Georges, assignor.
Martin, F., and Tramm.
Marzetti, Manlio.
Matteucci, Raffaele.
Maurer, F., and Laquay.
Maurer, Max.
Mayer, Ernest.
Mennesson, Marcel L.
Mercier, Jean.
Messner, M., and Schantl.
Meyer, K., and Lapp.
Mez, E., Pott, and Heinze.
Minner, Walter.
Misset, Jean.

Moldenhauer, O., and Bock.
Moller, Magdalin C. G.
Möller, Paul, and Nicholai.
Möller, R., and Kosche.
Molly, Hans.
Morland, P., and Smith.
Müller, Ernst.
Müller, Géza W., assignor.
Müller, Heinz O.
Müller, W., and Spies.
Naerbo, Daniel.
Nallinger, F., and Berger.
Natta, Giulio.
Nebel, Max.
Nees, Hugo, assignor.

Alien Property Custodian: *See*—Continued
Neugebauer, Franz, and Wagenseil.
Niki, Genkichi.
Nitescu, Marcel.
Obolensky, Prince D.
Obtresal, Robert, assignor.
Ohl, Klemens.
Okita, Tadao.
Oppenauer, Rupert.
Orlich, P., and Hartz.
Orthner, L., Luce, and Wagner.
Pallmann, Ludwig.
Pampinella, Antonio.
Papello, Karl.
Papello, Karl., assignor.
Parnet, Louis.
Pasqualigo, Giulio.
Passelecq, Georges.
Patin, Albert.
Paumier, André P.
Pedersen, P. H., and Nielsen.
Perrot, Henri.
Persin, Jean.
Petersen, Johannes.
Pettersen, Gunnar N.
Pfleiderer, G., and Riedl.
Pier, M., and Christmann.
Pier, M., Free, and v. Fuener, assignors.
Piot, Marius.
Piquerez, Emile.
Ployer, Otokar.
Pogioli, Vittorio.
Pott, August F.
Popov, Vladimir D.
Prause, R., and Schmid.
Quentin, Alberto.
Rambold, Adolf.
Rauh, Hermann.
Reiners, Wilhelm and W., Kahlisch, and Fürst.
Rinia, Herre.
Riszdorfer, László.
Robin, L., and Van Roggen.
Rodenacker, Wolf.
Römer, Otto.
Rossmanith, Wolfgang.
Rudy, H., and Watzel.
Ruppe, Hugo.
Ruska, E., Schuchmann, Ruska, and Müller.
Ryba, Anton.
Sahlberg, Wilhelm.
Saito, Kitiro.
Salerni, Piero M.
Salomon, Francois M. M. B.
Salomon, Francois M. M. B., assignor.
Salvaneschi, Pino.
Sarthou, Henri.
Schade, A., and Horn.
Schafer, Josef.
Scheuing, G., and Walach.
Schimanek, Emil.
Schirm, Erik.
Schirrmeister, Hans.
Schleifer, Carlo.
Schlumberger, Marcel.
Schmidt, Gerhard.
Schmidt, Heinrich.
Schmidt, M., and Gmöhling.
Schmidt, M. P., and Von Poser.
Schmidt, W., and Seydel.
Schneider, A., and Ungethuem.
Schneider, Josef.
Schneider, W., Frohlich, and Neugebauer.
Schroth, Adolf.
Schubert, E., and Pierer.
Schuler, H., Gruttner, and Dronigke.
Schutte, Albert.
Schuttler, Paul.
Sedille, Marcel H. L.
Sédille, Marcel H. L.
Seidel, H. J., and Weiler.
Seidel, J., and Weber.
Seligman, Roger A. L.
Seng, Manfred.
Seyerle, Wilhelm.
Simkovits, Sandor.
Snoek, J. L., and Alons.
Sonnino, Bruno.
Specht, Otto.
Steinbock, Hans.
Stieglitz, Albert.
Strab, Hermann,
Stromeier, Gustav.
Stumpf, Thea.
Szalay, Ferenc.
Tandetzke, Karl.
Tasso, Antonio.
Tholstrup, Poul.
Thomas, Paul V.
Tiedemann, Hans.
Tóth, Sándor.
Toulon, Pierre M. G.
Valensi, Georges.
Vancura, Rudolf.
Van Akkeren, Antonius J. J.
Alien Property Custodian: *See*—Continued
Van den Akker, Michael A. H.
Van der Bie, Godfried J.
Van Lin, O. A. J., and Hoekstra.
Van Tongeren, Hermannus.
Verkinderen, H., and Vankeirsbilck.
Verots, P., and Marquet.
Volk, Paul.
Von Beckerath, Hans.
von Felgel-Farnholz, Richard R.
Von Opel, Fritz.
Voss, A., Dietz, and Thomas.
Wagner, M., and Laukhuff.
Waseige, Charles R.
Wegener, G., and Scheppmann.
Weiss, E., and Strickstrock.
Weiss, U., and Leone.
Wempe, Bernhard.
Wendt, Bruno.
Westerkamp, Hugo.
Weston, Herbert.
Wiggermann, Georg.
Wilsmann, Wilhelm.
Windschauer, Leib.
Woerner, Friedrich.
Woitscheck, Arno.
Wolff, Hanns-Heinz.
Worm, Oscar.
Wünsch, Guido.
Yamamoto, Ryo, and Hara.
Zanarini, Giuseppe.
Zipper, Emil.
Zuckermann, Armand, assignor.
Zühlke, Marcel.
Zweers, Bernardus, H. H.
Zwick, Kurt.

Alkan, Robert, and Amedee Costa de Beauregard, New York, N. Y. Catapult device for autonomous aerial torpedoes. 2,390,677; Dec. 11.

All American Aviation, Inc.: *See*—
Ballard, Hyde W., assignor.
Plummer, Stuart C., assignor.

Allan, Gordon G., Detroit, Mich. Filtering apparatus. 2,369,124; Feb. 13.

Allan, John, Saint Kilda, Victoria, Australia. Stepladder, trestle, and the like. 2,391,216; Dec. 18.

Allard, Pierre J.-M. T., Chantilly, France; vested in the Alien Property Custodian. Counterweight control system for lifting device carriages. 2,371,865; Mar. 20.

Allard, Pierre J.-M. T., Chantilly, France; vested in the Alien Property Custodian. Grab used for boring wells. 2,390,047; Dec. 4.

Allbaugh, Byron D., Vallejo, Calif. Rotary pump or motor. 2,380,819; July 31.

Allbright-Nell Company, The: *See*—
Ackermann, Adolf G., assignor.

Allcock, Harold J.: *See*—
Hunter, P. V., Allcock, and Fairfield.

Allderdice, Charles E., Jr., assignor to The Bell Co., Inc., Chicago, Ill. Fluids for fluid pressure systems. 2,379,855; July 10.

Allderdice, Charles E., Jr., assignor to The Bell Co., Inc., Chicago, Ill. Fluid for fluid pressure systems. 2,382,527; Aug. 14.

Allegheny Ludlum Steel Corporation: *See*—
Breeler, W. R., and Butler, assignors.
Griffiths, William E., assignor.
Mohling, Gunther, assignor.
Touceda, E. G., and De Vries, assignors.

Allen, Alexander, Providence, R. I. Office cabinet. 2,373,217; Apr. 10.

Allen, Archie A., assignor to Kirsch Company, Sturgis, Mich. Curtain rod or drapery fixture. 2,383,104; Aug. 21.

Allen, Arthur C., assignor to Stewart-Warner Corporation, Chicago, Ill. Fuel feeding system. 2,372,700; Apr. 3.

Allen, Bernard: *See*—
Schaefer, R. K., Allen, and Lopez.

Allen-Bradley Company: *See*—
Matthias, Lynn H., assignor.
Tellkamp, Bernard F., assignor.

Allen, Charles F. H., and J. A. Van Allan, assignors to Eastman Kodak Company, Rochester, N. Y. Aliphatic dibasic acids. 2,388,813; Nov. 13.

Allen, Chas. G., Company: *See*—
Allen, Clarence M., assignor.

Allen, Charles J.: *See*—
Bowen, J. M., and Allen.

Allen, Charles S., Jr., Greenville, S. C. Bomb. 2,388,459; Nov. 6.

Allen, Clarence M., Gates Mills, Ohio, assignor to C. G. Allen Company, Barre, Mass. Tapping machine. 2,380,387; July 31.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,369,113; Feb. 13.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,370,704; Mar. 6.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,379,209; June 26.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,385,179; Sept. 18.
Allen, Earle F., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Valve bonnet structure. 2,373,001; Apr. 3.
Allen, Earle F., Wellesley Hills, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y Valve. 2,389,947; Nov. 27.
Allen, Edward A.: *See*—
Pyne, R. S., and Allen.
Allen, Edmund T., deceased, Seattle, by F. B. Allen, near Seattle, executrix, and The Pacific National Bank of Seattle, executor, assignors to Boeing Aircraft Company, Seattle, Wash. Stall indicator. 2,373.088; Apr. 10.
Allen, Edmund T., and R. J. Minshall, assignors to Boeing Aircraft Company, Seattle, Wash. Stall delaying and indicating mechanism. 2,373,089; Apr. 10.
Allen, Edwin L.: *See*—
Schonitzer, R. I., Allen, and Muster.
Allen, Edwin L., Cleveland Heights, and H. B. Muster, Avon Lake, assignors to R. I. Schonitzer, Shaker Heights, Ohio. Tread block core for endless tracks and the like. 2,371,015; Mar. 6.
Allen, Elijah F., Los Angeles, Calif. Sacculated article of footwear. 2,390,287; Dec. 4.
Allen, Ellen B.: *See*—
Smith, Paul S., assignor.
Allen, Ellie K, Creedmoor, N. C. Log carrier. 2,376,953; May 29.
Allen, Florence B., executrix: *See*—
Allen, Edmund T.
Allen, Frank A., Warmley, and J. Morgan, Kingswood, Bristol, assignors to Magnesium Elektron Limited, London, England. Coating magnesium and magnesium alloys. 2,373,937; Apr. 17.
Allen, Frank B., Lower Marion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Dust valve mechanism. 2,368,395; Jan. 30.
Allen, Frank B., Lower Marion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Apparatus for handling dust. 2,368,396; Jan. 30.
Allen, Frank M., Azusa, and C. B. Taylor, Long Beach, assignors to The All-Flex Corporation, Los Angeles, Calif. Flexible pipe coupling. 2,382,375; Aug. 14.
Allen, Frank M., Azusa, and C. B. Taylor, Long Beach, assignors to The All-Flex Corporation, Los Angeles, Calif. Swivel pipe coupling. 2,384,360; Sept. 4.
Allen, George: *See*—
Harker, G. A., Gustafsson, Allen, and Nelson.
Allen, Gwynne, Long Beach, Calif., assignor to Petrolite Corporation, Ltd., St. Louis, Mo. Composition of matter. 2,372,641; Apr. 3.
Allen, Harold D., Glen Rock, and W. A. Kline, Morris Plains, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fats and fatty oils. 2,383,579; Aug. 28.
Allen, Harold P., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure cooker. 2,369,932; Feb. 20.
Allen, Herbert, Houston, Tex., assignor, by mesne assignments, to Cameron Iron Works, Inc. Bottom hole pressure recorder. 2,366,826; Jan. 9.
Allen, Herbert, Houston. Tex., assignor, by mesne assignments, to Cameron Iron Works, Inc. Pressure gauge. 2,369,650; Feb. 20.
Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Well head and casing suspension structure. 2,380,388; July 31.
Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Blowout preventer. 2,387,106; Oct. 16.
Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Automatic scale. 2,384,228; Sept. 4.
Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Handle defining closure for paper bags. 2,385,597; Sept. 25.
Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Bag closing machine. 2,385,598; Sept. 25.
Allen, James G., Hopedale, and A. Villani, Milford, assignors to Draper Corporation, Hopedale, Mass. Shuttle. 2,385,048; Sept. 18.
Allen, James R.: *See*—
Chambers, J. C., and Allen.
Allen, James R., Los Angeles, Calif., assignor to Consolidated Vultee Aircraft Corporation. Aircraft control mechanism. 2,375,610; May 8.
Allen, John G., Forest Hills, N. Y., assignor to Phillips Petroleum Company. Manufacture of diolefins. 2,387,731; Oct. 30.
Allen, John G., and I. L. Wolk, Bartlesville, Okla., assignors to Phillips Petroleum Company. Converting hydrocarbons. 2,377,847; June 12.
Allen, Joseph W., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fire director. 2,379,778; July 3.
Allen, Kenneth C.: *See*—
Meeker, D. A., and Allen.
Allen, Kenneth R., Ridgewood, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Die. 2,377,599; June 5.
Allen, Kenneth R., Ridgewood, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Method and apparatus for making hood caps. 2,381,851; Aug. 7.
Allen, Leonard B., San Diego, and W. C. Heath, La Mesa, assignors to Solar Aircraft Company, San Diego, Calif. Flexible exhaust line joint. 2,381,426; Aug. 7.
Allen, Nora J., Toronto, Ontario, Canada, assignor by mesne assignments, to Patons and Baldwins Inc., Newark, N. J. Knitted sock and making. 2,372,468; Mar. 27.
Allen, Philip S., Long Beach, Calif. Automatic photographic apparatus. 2,380,378; July 31.
Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire testing apparatus. 2,367,838; Jan. 23.
Allen, Rex W., Palisades, assignor to Camloc Fastener Corporation, New York, N. Y. Fastener. 2,385,180; Sept. 18.
Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Glass blowing machine. 2,372,642; Apr. 3.
Allen, S. L., & Co., Inc.: *See*—
Bowen, J. M., and Allen, assignors.
Allen-Sherman-Hoff Company, The: *See*—
Allen, Frank B., assignor.
Allen, Thomas C., and H. H. Harris, assignors to Wisconsin Alumni Research Foundation, Madison, Wis. Insecticide and making same. 2,390,911; Dec. 11.
Allen, Thomas L.: *See*—
Toone, R. N., and Allen.
Allen Wales Adding Machine Corporation: *See*—
Lambert, Harry L., assignor.
Allen, Wayne H., Los Angeles, Calif., assignor to General Electric Company. Aircraft turbine supercharger. 2,375,202; May 8.
Allen, Wayne H., Los Angeles, Calif., assignor to General Electric Company. Lubricating system for aircraft superchargers. 2,391,000; Dec. 18.
Allendörfer, Albert: *See*—
Bernstorff, H., and Allendörfer.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,370,219; Feb. 27.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,384,518; Sept. 11.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,384,519; Sept. 11.
Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Spring gauging device. 2,384,520; Sept. 11.
Aller, Willis F., and L. J. Mahlmeister, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,370,220; Feb. 27.
Aller, Willis F., and L. J. Schulze, assignors to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,367,255; Jan. 16.
Allerding, Alfred: *See*—
Dällenbach, W., Allerding, and Huttmann.
Allerton, Hiram D., Hollywood, Calif. Forming slings to handle materials. 2,385,338; Sept. 25.
Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ester manufacture. 2,376,890; May 29.
Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose ester manufacture. 2,376,891; May 29.
Alles, Gordon A., San Marino, and R. N. Icke, Los Angeles, Calif.; said Icke assignor to said Alles. 3,4-dihydroxyphenisopropyl alkylamines. 2,378,889; June 26.
Alley, Edmund N., Jr.: *See*—
Rylander, T. A., and Alley.
All-Flex Corporation, The: *See*—
Allen, F. M., and Taylor, assignors.
Allgeo, Fred J.: *See*—
Shue, C. L., and Allgeo.
Allgeo, Fred J., San Francisco, Calif. Level. 2,384,586; Sept. 11.
Alliance Investment Corporation: *See*—
Pulver, F. F., and Matthews, assignors.
Alliance Machine Company, The: *See*—
Harry, Robert J., assignor.
Alliance Porcelain Products Company, The: *See*—
Chesney, Robert M., assignor.
Allied Chemical & Dye Corporation: *See*—
Canavan, Edward J., assignor.
Clark, Charles R., assignor.
Cline, Edwin L., assignor.
Conrad, K. F., and Koberlein, assignors.
Cowdery, Arthur B., assignor.
Eagle, William S., assignor.
Engel, Karl H., assignor.
Flett, Lawrence H., assignor.
Fleysher, Maurice H., assignor.
Gerges, Wesley R., assignor.
Gould, David F., assignor.
Hoyt, Lester F., assignor.
James, Frank W., assignor.
Krotzer, A. R., King and Kleiner, assignors.
Maguire, J. B., and Gould, assignors.
Miller, Stuart P., assignor.
Murphy, Timothy F., assignor.

Allied Chemical & Dye Corporation: *See*—Continued
Ogilvie, James, assignor.
Ogilvie, J., and Wilder, assignors.
Punnett, Elton B., assignor.
Reimers, Frederick E., assignor.
Witte, Michael, assignor.

Allied Control Company, Inc.: *See*—
Chichester, Kenneth J., assignor.
Ebert, Joseph F., assignor.
Horman, John H., assignor.
Ineson, Clifton H., assignor.
Reutter, Frederick R., assignor.

Allied Finishing Specialties Co.: *See*—
Kolar, S. M., and Sternberg, assignors.

Allied Laboratories, Inc.: *See*—
Winnek, P. S., and Bockstahler, assignors.

Allied Mills, Inc.: *See*—
Singer, P. A., and Deobald, assignors.

Allied Plastics Company: *See*—
Nichols, Warren O., assignor.

Allied Products Corporation: *See*—
Norris, D. R., and Greening, assignors.

Allied Railway Equipment Company: *See*—
Douglass, K., and Moline, assignors.
Moline, Carl R., assignor.

Alling, E. Roy, Kenmore, and J. C. Knepflar, Springville; said Knepflar assignor to Rice and Adams Corporation, Tonawanda, N. Y. Container handling means. 2,371,140; Mar. 13.

Alling, E. Roy, Kenmore, and C. F. Ulrich, said Ulrich assignor to Rice & Adams Corporation, Buffalo, N. Y. Article treating means. 2,374,260; Apr. 24.

Allis-Chalmers Manufacturing Company: *See*—
Appel, Oswald A., assignor.
Babb, Charles L., assignor.
Campbell, Richard D., assignor.
Charley, Walter G., assignor.
Codlin, James B., assignor.
Dortort, Isadore K., assignor.
Dray, Walter R., assignor.
Frudden, Conrad E., assignor.
Hageman, John R., assignor.
Harrer, Paul H., assignor.
Jacobi, Louis, assignor.
Kenney, Clarence E., assignor.
Linn, James G., assignor.
Malmberg, Carl G., assignor.
Newhouse, Ray C., assignor.
Pankey, T. L., and Imhoff, assignors.
Quartz, Herbert O., assignor.
Ray, James L., assignor.
Reichert, Harold E., assignor.
Scranton, Charles J., assignor.
Shaw, Ernest C., assignor.
Winograd, Harold, assignor.

Allis, Louis Company, The: *See*—
Goran, Steven J., assignor.

Allison Company, The: *See*—
Allison, Hugh V., assignor.

Allison, Hugh V., Fairfield, assignor to The Allison Company, Bridgeport, Conn. Abrasive tube drill. 2,368,397; Jan. 30.

Allison, Wilson M., Knockshegowna, Union of South Africa. Rotary motor. 2,369,002; Feb. 6.

Allison, Wilson M., Knockshegowna, Swinburne, O. F. S., Union of South Africa. Cylinder, piston, and crankshaft. 2,382,280; Aug. 14.

Allmänna Svenska Elektriska Aktiebolaget: *See*—
Dreyfus, Ludwig, assignor.
Lamm, U., and Plöen, assignors.
Nordfeldt, Birger, assignor.

Alltools, Limited: *See*—
Tomes, Gilbert A. R., assignor.

Allwein, Aloysius F., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,377,474; June 5.

Allworth, Howard D.: *See*—
Fitzsimmons, Verlyn R., assignor.

Alm, Alexander V.: *See* —
Mills, G. F., and Alm.

Almy, Ernest G., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Coating compositions. 2,372,643; Apr. 3.

AlnCin, Inc.: *See*—
Walker, Victor, assignor.

Alons, Luitje: *See*—
Snoek, J. L., and Alons.

Alox Corporation: *See*—
Burwell, Arthur W., assignor.
Burwell, A. W., and Camelford, assignors.
Shields, J. E., and Bray, assignors.

Alpert, Ned, Milwaukee, Wis. Cutting implement. 2,387,633; Oct. 23.

Alsdorf, James W., Winnetka, assignor to Cory Glass Coffee Brewer Co., Not Inc., Chicago, Ill. Grinding annular surfaces. 2,381,418; Aug. 7.

Altamore, Sebastian, Maspeth, N. Y. Recirculating system for gas-fired ovens. 2,369,706; Feb. 20.

Altamos, Joseph E., Worth, Ill. Match package. 2,372,167; Mar. 27.

Altenburger, Clarence L.: *See*—
Selmi, L. G., and Altenburger.

Alter, Horace J., West Hollywood, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Disintegrating ammunition link. 2,388,943; Nov. 13.

Althens, Herbert E., Newton, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,385,768; Oct. 2.

Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Method and apparatus for contacting finely divided solid particles with fluids. 2,389,399; Nov. 20.

Altimus, Miles, Nanty Glo, assignor to Irwin Foundry & Mine Car Company, Irwin, Pa. Safety locking lever for coupling pins. 2,391,610; Dec. 25.

Altobelli, Fulgenzio, assignor of two-fifths to T. E. Simonton, Syracuse, N. Y. Double-piped garment opening. 2,388,516; Nov. 6.

Altorfer, Alpheus W., Peoria, Ill. Wringer mechanism. 2,385,769; Oct. 2.

Altschul, Aaron M., and M. L. Karon, New Orleans, La., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Treatment of oilseeds. 2,376,568; May 22.

Altschul, Aaron M., and M. L. Karon, New Orleans, La., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Treatment of oilseeds. 2,376,852; May 22.

Aluminum Company of America: *See*—
Anderson, Russell G., assignor.
Beck, Paul C., assignor.
Blackmun, E. V., and Mikula, assignors.
Brown, Ralph W., assignor.
Butler, Edward H., assignor.
Carlson, C. A., and (Butler, assignor).
Colson, Herman H., assignor.
Dean, Walter A., assignor.
Eastwood, La Verne W., assignor.
Fiscus, Charles J., assignor.
Gantz, Marvin E., assignor.
Guiney, Karl B., assignor.
Hartmann, Ernest C., assignor.
Horak, Gustave J., assignor.
Kempf, L. W., and Dean, assignors.
Le Baron, Ira M., assignor.
Lyle, Edward L., assignor.
McFadden, Benjamin C., assignor.
McGill, James W., assignor.
Menking, Heinz, assignor.
Moore, George L., assignor.
Newsome, J. W., and Derr, assignors.
Nock, J. A., Jr., and Bossert, assignors.
Osborne, A. G., and Hill, assignors.
Pullen, Alfred N. D., assignor.
Riesmeyer, A. H., and Stowe, assignors.
Sharp, John E., assignor.
Slunder, Charles J., assignor.
Stroup, Philip T., assignor.
Stroup, P. T., and Sager, assignors.
Thomas, John W., assignor.
Tilson, Donald H., assignor.
Tosterud, Martin, assignor.
Underwood, James E., assignor.
Weber, L. J., and Sager, assignors.
Weir, James, assignor.
Willmore, C. B., and Chew, assignors.
Wood, Robert T., assignor.
Wood, R. T., and Gantz, assignors.

Aluminium Industrie Aktien-Gesellschaft: *See*—
Syz, Werner, assignor.

Alvey-Ferguson Company, The: *See*—
Dixon, Albert W., assignor.

Alvey, Le Roy E.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.

Alvino, Alphonse V., Newark, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition control mechanism. 2,371,016; Mar. 6.

Alvis, Charles B., Richmond, Va. Centering tool. 2,379,406; July 3.

Alyea, Marvin C., Mill Valley, Calif. Expansion chuck. 2,379,210; June 26.

Alzola, Francisco, Habana, Cuba. System of continuous fermentation. 2,371,208; Mar. 13.

Amalgamated Ordnance & Ammunition Machinery Company: *See*—
Hochstetler, Robert J., assignor.

Amand, Raymond H.: *See*—
Mejean. J. G., and Amand.

Amann, Philip F.: *See*—
Kane, J. H., Finlay, and Amann.

Amari, Jasper J.: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.

Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Cup dispenser. 2,369,933; Feb. 20.

Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Collapsible container. 2,374,796; May 1.

Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Shipping container and dispenser for soda straws or the like. 2,382,597; Aug. 14.

Amberson, Linton C., Edenburg, Pa. Treatment of nitrocellulose dope. 2,369,200; Feb. 13.
Ambler, Charles M., Jenkintown, assignor to The Sharples Corporation, Philadelphia, Pa. Purification of extracting solvents. 2,380,139; July 10.
Ambrose, Dermot M., assignor to Standard Telephones and Cables Limited, London, England. Tuning arrangement in radio receivers. 2,377,475; June 5.
Ambrosini, Elio J., assignor of one-half to Sylvia C. Richland, Hartford, Conn. Bearing assembly. 2,377,855; June 12.
Ambruster, Cornelius, Roslyn, Pa. Mechanism for producing mechanical movement. 2,378,676; June 19.
Amenta, Paul S., New Britain, Conn. Sandal. 2,377,119; May 29.
American Agricultural Chemical Company, The: *See*—
Phelps, Donald S., assignor.
American Air Filter Company, Inc.: *See*—
Dahlman, Verner, assignor.
Nutting, Arthur, assignor.
American Anode Inc.: *See*—
Beal, Carl L., assignor.
Szegvari A., and Feikert, assignors.
American Arch Company: *See*—
Siegel, Chester A., assignor.
American Bank Note Company: *See*—
Marquardt, Frank C., assignor.
American Bitumuls Company: *See*—
Buckley, W. D., and Bly, assignors.
American Blower Corp.: *See*—
Blank, Merton H., assignor.
American Bosch Corporation: *See*—
Nystrom, Carl H., assignor.
American Brake Company, The: *See*—
Smith, Charles G., assignor.
American Brake Shoe Company: *See*—
Blume, William A., assignor.
Breed, C. W., and Burkhardt, assignors.
Hart, C. S., and Spokes, assignors.
Houston, J. V., and Habel, assignors.
Mantle, Burr W., assignor.
Pogue, Robert B., assignor.
Wilson, Rosser L., assignor.
American Broach & Machine Co.: *See*—
Lapointe, F. J., and Podesta, assignors.
Podesta, John W., assignor.
American Cabinet Hardware Corporation: *See*—
Borchers, Earl, assignor.
American Can Company: *See*—
Beaton, Robert G., assignor.
Begg, Thomas, assignor.
Bierman, George H., assignor.
Butler, William F., assignor.
Dawn, George J., assignor.
Eckman, Philip E., assignor.
Felber, John, assignor.
Geertsen, Nelson, assignor.
Handley, Harold D., assignor.
Heinle, Carl W., assignor.
Hothersall, John M., assignor.
Huth, Carl A., assignor.
Jacobs, Samuel S., assignor.
Le Frank, John D., assignor.
Lindgren, H. W., and Nemitz, assignors.
Luthi, Robert, assignor.
Martin, William M., assignor.
Martin, William McK., assignor.
Meyer, Willard A., assignor.
Moore, James A., assignor.
Murch, John H., assignor.
Murch, J. H., and Nordquist, assignors.
Murch, J. H., Nordquist, and Nordstrom, assignors.
Nordquist, Ronald E. J., assignor.
Nordquist, R. E. J., and Cox, assignors.
Nordstrom, E., and Grover, assignors.
Pechy, William, assignor.
Pellegrino, Joseph, assignor.
Peters, John F., assignor.
Reese, Garland W., assignor.
Renard, Roland E., assignor.
Robinson, J. E., Bopp, and Millelot, assignors.
Saalbach, Arthur A., assignor.
Socke, J. E., and Eckman, assignors.
Strickler, John C., assignor.
Then, Edward O., assignor.
Thornburgh, Ivan D., assignor.
Winters, William P., assignor.
American Car and Foundry Company: *See*—
Abel, Joseph C., assignor.
Beishline, G. C., and Walp, assignors.
Clade, Robert, assignor.
Dendler, R. E., and Kepner, assignors.
Dilley, June D., assignor.
Hummer, Charles I., assignor.
Joy, Robert W., assignor.
Kassler, A., and Thompson, assignors.
Kerr, W., and Stolberg, assignors.
Knox, David M., assignor.
Maulding, Arthur W., assignor.
McBride, John J., assignor.
American Car and Foundry Company: *See*—Continued
Pancake, Herman H., assignor.
Schroeder, Ernest R., assignor.
Schroeder, E. R., and Willoughby, assignors.
Shields, Robert A., assignor.
Soutar, John.
Willoughby, Victor, assignor.
American Chain & Cable Company, Inc.: *See*—
Campbell, Lyman B., assignor.
Gilmore, William J., assignor.
Lipps, Walter M., assignor.
Mische, Henry J., assignor.
Robinson, Harry G., assignor.
American Chemical Paint Company: *See*—
Douty, A., and Freese, assignors.
Jones, Franklin D., assignor.
American Cyanamid & Chemical Corporation: *See*—
Dove, Thomas, Jr., assignor.
American Cyanamid Company: *See*—
Adams, F. H., and Hardy, assignors.
Adams, F. H., Lecher, and Hardy, assignors.
Anderson, G. W., and Roblin, Jr., assignors.
Ashley, Kenneth D., assignor.
Booth, Robert B., assignor.
Booth, R. B., and Herkenhoff, assignors.
Bradley, C. W., and Davis, assignors.
Bradley, Theodore F., assignor.
Caldwell, William F., assignor.
Caldwell, W. F., Swain, and Paden, assignors.
Carpenter, Erwin L., assignor.
Cauwenberg, W. J., and Tanner, assignors.
Christmann, Ludwig J., assignor.
Christmann, L. J., and Erickson, assignors.
Christmann, L. J., and Houpt, assignors.
Conn, R. C., Adams, and Goulding, assignors.
Cook, Elmer W., assignor.
Cook, E. W., and Thomas, assignors.
Cook, E. W., and Thomas, Jr., assignors.
Crossley, M. L., and West, assignors.
Davis, Arnold R., assignor.
Davis, Harold S., assignor.
Davis, H. S., and Redmon, assignors.
Dean, Russell T., assignor.
Dean, R. T., and Hook, assignors.
Dixon, James K., assignor.
Ericks, Walter P., assignor.
Ericks, W. P., and Whitaker, assignors.
Ericks, W. P., and Williams, assignors.
Faith, Herman E., assignor.
Funk, Charles E., Jr., assignor.
Gieseke, Elmer W., assignor.
Goulding, John P., assignor.
Greene, R. D., Kienle, and Vartanian, assignors.
Groten, Frank J., assignor.
Hamilton, Walter A., assignor.
Hanslick, Roy S., assignor.
Harris, Raymond R., assignor.
Hechenbleikner, Ingenuin, assignor.
Hedley, N., and Kress, assignors.
Herkenhoff, Earl C., assignor.
Hill, A. G., and Sayre, assignors.
Hill, A. J., and Degnan, assignors.
Hill, William H., assignor.
Hood, John M., assignor.
Hood, Robert L., assignor.
Houpt, Alfred G., assignor.
Hull, Washington, assignor.
Hultquist, Martin E., assignor.
Jaeger, A. O., and Lynch, assignors.
Jayne, D. W., Jr., and Day, assignors.
Jayne, D. W., Jr., Day and Gieseke, assignors.
Jones, L. C., and Ericks, assignors.
Kaiser, Donald W., assignor.
Kaiser, D. W., and Thurston, assignors.
Kienle, R. H., and Amick, assignors.
Kienle, R. H., Amick, and Peiker, assignors.
Kienle, R. H., and Peiker, assignors.
King, V. L., and Orem, assignors.
Kirk, Philip M., assignor.
Kropa, Edward L., assignor.
Lacey, H. T., and Brouillard, assignors.
Lecher, H. Z., and Dixon, assignors.
Lecher, H. Z., and Goulding, assignors.
Lecher, H. Z., Goulding, and Parker, assignors.
Lecher, H. Z., and Hardy, assignors.
Lecher, H. Z., Hardy, and Adams, assignors.
Lecher, H. Z., Parker, and Denton, assignors.
Lecher, H. Z., Parker, and Long, assignors.
Lento, L. L., Jr., and Houpt.
Light, Donald W., assignor.
Light, D. W., and Morgan, assignors.
Long, Robert S., assignor.
Loukomsky, S. A., and Lacey, assignors.
Lynch, Kathryn L., assignor.
Lynch, K. L., and West, assignors.
Marson, Harry W., assignor.
McClellan, P. P., and Ericks, assignors.
McLachlan, Dan, Jr., assignor.
Mead, H. L., and Maust, assignors.
Meincke, Edmund R., assignor.
Migrdichian, Vartkes, assignor.
Miller, A. A., and Bradley, assignors.
Millson, Henry E., assignor.
Moore, L. P., and Ericks, assignors.

American Cyanamid Company: *See*—Continued
Morash, Norman, assignor.
Nolan, Kenneth G., assignor.
Northey, Elmore H., assignor.
Oldham, Wilbur N., assignor.
Parker, R. P., and Hill, assignors.
Pierce, Alan E., assignor.
Pfann, H. F., and Kropa, assignors.
Pickens, Roy A., assignor.
Pineo, Orrin W., assignor.
Redmon, B. C., and Griffin, assignors.
Ripper, Kurt E., assignor.
Roblin, R. O., Jr., and Anderson, assignors.
Roblin, R. O., Jr., and Clapp, assignors.
Roblin, R. O., Jr., and Faith, assignors.
Salley, Donovan J., assignor.
Salley, D. J., Bradley, and Davis, assignors.
Salvin, V. S., and Hill, assignors.
Sayward, John M., assignor.
Scalera, Mario, assignor.
Scalera, M., and Joyce, assignors.
Schroy, Paul C., assignor.
Schroy, P. C., Grabowski, and Scott, assignors.
Schubart, Frederick C., assignor.
Shurcliff, William A., assignor.
Smyth, Glen M., assignor.
Sperry, Russell L., assignor.
Sperry, R. L., and Hook, assignors.
Swain, R. C., and Adams, assignors.
Swain, R. C., and Paden, assignors.
Thurston, Jack T., assignor.
Thurston, J. T., and Grim, assignors.
Thurston, J. T., and Kaiser, assignors.
Thurston, J. T., and Sperry, assignors.
Torley, Robert E., assignor.
Vitalis, Emil A., assignor.
Walker, Godfrey B., assignor.
West, Byron L., assignor.
Williams, J. H., and Roblin.
Winnek, P. S., and Faith, assignors.
Winnek, P. S., and Roblin, assignors.
Wintringham, Andrews C., assignor.

American Dairies, Incorporated, et al.: *See*—
Graham, W. R., Jr., and Frye, assignors.
Graham, W. R., Jr., and McCarty, assignors.
Turner, C. W., and Reineke, assignors.

American District Telegraph Company: *See*—
Evans, Francis C., assignor.
Evans, F. C., and Donelian, assignors.
Lindsay, M. H. A., and Woloschak, assignors.
Muehter, Manfred W., assignor.

American Dyewood Company: *See*—
Drew, Raymond L., assignor.

American Electro Metal Corporation: *See*—
Goetzel, Claus G., assignor.
Lewin, Gerhard, assignor.
Schwarzkopf, Paul, assignor.

American Elevator & Machine Company, Inc.: *See*—
White, K. M., and Hadsel, assignors.

American Engineering Company: *See*—
Bennett, Joseph S., assignor.
Lawrence, Howard F., assignor.
Preston, Herbert E., assignor.

American Enka Corporation: *See*—
Hudson, Moulton L., assignor.
Jackson, Arthur L., assignor.
Markwood, Paul W., assignor.
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood, assignors.
Thurmond, Gilbert I., assignor.

American Fibre Corporation: *See*—
Nordstrom, Gustaf E., assignor.

American Flange & Manufacturing Co., Inc.: *See*—
Grosser, Walter C., assignor.

American Forging & Socket Company: *See*—
Rhodes, Albert J., assignor.

American Fork & Hoe Company, The: *See*—
Skeel, John W., assignor.
Taft, Raymond C., assignor.
Wood, Conrad, assignor.

American Foundry Equipment Company, The: *See*—
Unger, Chester E., assignor.

American Geographical Society: *See*—
Miller, Osborn M., assignor.

American Heat Corporation: *See*—
Breault, Delphis C., assignor.

American Hoist & Derrick Company: *See*—
Banzhaf, H. F., and Finlay, assignors.
Gray, Donald C., assignor.

American Houses, Inc.: *See*—
McLaughlin, Robert W., Jr., assignor.
Taylor, Walter K., assignor.

American Hyalsol Corporation: *See*—
Rittmeister, Wilhelm, assignor.
Schmitt, Friedrich, assignor.

American Insulator Corporation: *See*—
Shaver, Herbert W., assignor.

American Inventions, Inc.: *See*—
Warner, Harry C., assignor.

American-La France-Foamite Corporation: *See*—
Lindsay, Charles H., assignor.
Smith, Carlisle F., assignor.
White, C. B., and Lindsay, assignors.

American Lady Corset Company: *See*—
Rosehill, Joseph A., assignor.

American Lambskin Products: *See*—
Konikoff, Robert H.

American Laundry Machinery Company, The: *See*—
Bicknell, G. R., and Heidenfelder, assignors.
Preston, John E., assignor.

American Lava Corporation: *See*—
Thurnauer, Hans, assignor.

American Lead Pencil Company: *See*—
Juelss, Davis, assignor.

American Lecithin Company: *See*—
Julian, P. L., and Meyer, assignors.
Julian, P. L., Meyer, and Iveson, assignors.

American Liquid Gas Corporation: *See*—
Smith, H. W., and Paxton, assignors.

American Locomotive Company: *See*—
Barraja-Frauenfelder, J., and Schrom, assignors.
Bruce, Alfred W., assignor.
Elder, Frederick T., assignor.
Gunter, Addison Y., assignor.
Kindervater, Julius, assignor.
Michaels, Hunter, assignor.
Nichols, William M., assignor.
Thompson, N. C., Gunter, Shaw, and Roe, assignors.

American Lumber & Treating Co.: *See*—
Gottschalk, F. W., and Angell, assignors.
Hribar, Victor F., assignor.

American Machine & Foundry Company: *See*—
Arelt, Charles, assignor.
Bates, Leon W., assignor.
Bell, Arthur, assignor.
Davis, Archibald H., Jr., assignor.
Jensen, Thormod, assignor.
Johnson, Carl W., assignor.
Johnson, C. W., and Neumair, assignors.
Naftali, Rudolf. V., and H., assignors.
Neumair, Joseph A., assignor.
Neumair, J. A., and Johnson, assignors.
Newman, Max M., assignor.
Pedersen, Mathias, assignor.
Rundell, Rupert E., assignor.
Vickery, John R., Jr., assignor.
Werden, Henry J. and F. G., assignors.
Whipple, L. V., and Pollock, assignors.
Whipple, L. V., and Wells, assignors.

American Machine and Metals, Inc.: *See*—
Davis, Archibald H., Jr., assignor.
Lechler, Bruno C., assignor.

American Maize-Products Company: *See*—
Buchanan, Ben F., assignor.
Daly, R. E., Frankenfield, and Schopmeyer, assignors.

American Manufacturing Company: *See*—
Robinson, H. C., and Challis, assignors.

American-Marsh Pumps, Inc. *See*—
Barton, B. D., and Adney, assignors.

American Metal Company, The: *See*—
Heberlein, Max F. W., assignor.

American Monorail Company, The: *See*—
Miller, Carroll De V., assignor.
Moore, R. T., and Harris, assignors.

American Optical Company: *See*—
Baratelli, C. A., Bernheim, and Lown, assignors.
Bennett, Alva H., assignor.
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli, assignors.
Brussell, Ernest J., assignor.
Canning, William P. assignor.
Cozzens, Charles O., assignor.
Cozzens, C. O., and Splaine, assignors.
Eaton, W. C., and Leduc, assignors.
Glancy, Anna E., assignor.
Guellich, Gustav E., assignor.
Guellich, G. E., and Gradisar, assignors.
Jackson, George W., assignor.
Jarrett, Tracy C., assignor.
Joyce, William J., assignor.
Joyce, W. J., and Jackson, assignors.
Keeler, N. H., and Eskelson, assignors.
Kerry, John R., assignor.
Lehmberg, William H., assignor.
Lehmberg, W. H., Baratelli, and Lown, assignors.
Lown, W., and Baratelli, assignors.
Peck, W. F., and Gradisar, assignors.
Peck, W. F., and Guellich, assignors.
Pincus, Alexis G., assignor.
Pratt, Arthur J., assignor.
Reardon, J. D., and Gottlieb, assignors.
Severy, Lawrence A., assignor.
Splaine, Edward M., assignor.
Splaine, E. M., and Severy, assignors.
Styll, Harry H., assignor.
Tillyer, Edgar D., assignor.
Tillyer, E. D., and Ford, assignors.
Tillyer, E. D., Joyce, and Moulton, assignors.
Weyl, Woldemar A., assignor.

American Ore Reclamation Company: *See*—
Shallock, Edward W., assignor.

American Pad & Textile Company, The: *See*—
Brown, Frederick L., assignor.

American Paper Bottle Company, The: *See*—
Earp, James F., assignor.
Monroe, Charles Z., assignor.
Pittman, Walter F., assignor.
Spurr, Robert, assignor.

American Paper Tube Company: *See*—
Amrhein, H. L., and Feeley, assignors.
Amrhein, H. L., and Fuller, assignors.

American Pattern and Manufacturing Co.: *See*—
Miller, Raymond J., assignor.

American Platinum Works, The: *See*—
Streicher, Johann S., assignor.

American Porcelain Enamel Company: *See*—
Long, Robert, assignor.

American Potash & Chemical Corporation: *See*—
May, Frank H., assignor.

American Prototype Corporation: *See*—
Brull, Charles B., assignor.

American Pulley Company, The: *See*—
Renton, Henry N., assignor.

American Radiator & Standard Sanitary Corporation: *See*—
Goerg, Bernard, assignor.

American Rayon Company, Inc.: *See*—
Furness, William H., assignor.

American Rolling Mill Company, The: *See*—
Beck, C. W., and Pick, assignors.
Burns, R. S., and McCabe, assignors.
Carpenter, V. W., Bell, and Heck, assignors.
Finkbone, B. P., and Marshall, assignors.
Gaston, L. J., Jr., and Pick, assignors.
Hudson, E. B., Long, and Pick, assignors.
Kronenbitter, Karl L., assignor.
Reed, Eo, assignor.
Wilks, John R., assignor.
Wolford, D. S., and La Tour, assignors.

American Screw Company: *See*—
Tomalis, Joseph J., assignor.
Tomalis, J. J., and Muenchinger, assignors.

American Seal-Kap Corporation of Delaware: *See*—
Allen, Kenneth R., assignor.
Goodwin, Carl W., assignor.
Goodwin, C. W., and Martin, assignors.
Martin, Harold W., assignor.

American Seating Company: *See*—
Morgan, Erving B., assignor.
Nordmark, Henry P., assignor.

American Smelting and Refining Company: *See*—
Betterton, J. O., and Lebedeff, assignors.
Buck, L. J., and Veatch, assignors.
Collins, Arthur A., assignor.
Fleming, E. P., and Fitt, assignors.
Lebedeff, Yurii E., assignor.
Smart, J. S., Jr., and Smith, assignors.
Smith, Albert A., Jr., assignor.
Thomas, M. D., and Ivie, assignors.

American Soil Products Co., Inc.: *See*—
Schrader, Walter, assignor.

American Steel and Wire Company, The: *See*—
Barensfield, Paul L., assignor.
Clark, R., and Patterson, assignors.
Johnson, H. O., and O'Hare, assignors.
Ramstedt, E., and Symmes, assignors.
Symmes, Daniel D., assignor.

American Steel and Wire Company of New Jersey, The: *See*—
Avallone, Samuel C., assignor.
Black, L. F., and Kefover, assignors.
Bletso, Bruce N., assignor.
Brickman, Alan E., assignor.
Forsberg, Frank, assignor.
Hallstrom, C. A., and Tibbetts, assignors.
Horwedel, C. R., and Resch, assignors.
Johnson, H. O., and O'Hare, assignors.
Kramer, John, assignor.
Leonard, William E., assignor.
Little, R. A., and Rice, assignors.
Mog, F. G., Wald, and Whiting, assignors.
Sabol, Ernest J., assignor.
Sackerson, Charles M., assignor.
Schneider, Herbert H., assignor.
Stewart, James W., assignor.
Thompson, William, assignor.

American Steel Foundries: *See*—
Aurien, Ray G., assignor.
Bachman, Fred E., assignor.
Baselt, W. H., and Flesch, assignors.
Cottrell, Robert B., assignor.
Edstrom, Carl A., assignor.
Flesch, Norman, assignor.
Foster, Carl, assignor.
Heater, Charles L., assignor.
Hess, Relza J., assignor.
Kinne, Edmund P., assignor.
Kinne, E. P., and Kayler, assignors.
Lehrman, Leo A., assignor.
Leverenz, Ernest G., assignor.
Light, David M., assignor.
Light, D. M., and Bachman, assignors.
Oelkers, Alfred H., assignor.

American Steel Foundries: *See*—Continued
Pierce, Raymond C., assignor.
Poulter, Thomas C., assignor.
Tack, Carl E., assignor.
Tack, C. E., and Vree, assignors.
Watts, Raymond, assignor.
Weisberger, A. A., and Click, assignors.

American Stove Company: *See*—
Brumbaugh, Isaac V., assignor.
Douglas, Bradley C., assignor.
Stockstrom, Arthur, assignor.
Stockstrom, A., Kahler, and Morrill, assignors.

American Sugar Refining Company, The: *See*—
Irvine, William L., assignor.

American Tag Company: *See*—
Van Tuyl, Sidney E., assignor.

American Telephone and Telegraph Company: *See*—
Adkerson, Branch O., assignor.
Anspach, R. J., and Walker, assignors.
Avery, Robert C., assignor.
Bauer, Ernest K., assignor.
Beyland, Sidney W., assignor.
Bowers, Albert F., assignor.
Brown, H. D., and Freeman, assignors.
Bruce, Robert, assignor.
Bruenner, A., and Lodge, assignors.
Carson, A., and Payne, assignors.
Cummings, William H., assignor.
Daly, James B., assignor.
Edmonds, Robert M., assignor.
Gardner, L. A., and Richards, assignors.
Gibbon, Charles O., assignor.
Hanley, Frank H., assignor.
Hayes, Earl J., assignor.
Heymann, Karl, assignor.
Krecek, J. A., and (Walker, assignor).
Krumreich, C. L., and (Mehan, assignor).
Martin, Wade B., assignor.
Maxwell, John L., assignor.
Neiswinter, James T., assignor.
Perry, Anthony T., assignor.
Peterson, E. L., and Papenmyer, assignors.
Rhoads, Charles S., assignor.
Schroeppel, Harold H., assignor.
Scott, W. F., and Peters, assignors.
Southworth, George C., assignor.
Spangler, Lynn K., assignor.
Spencer, Fred B., assignor.
Torpie, John F., assignor.
Truitt, Joseph A., assignor.
Weaver, Charles E., assignor.

American Telephone and Telegraph Company et al.: *See*—
Gardner, L. A., and Richards, assignors.

American Thermometer Company: *See*—
Weber, Victor, assignor.

American Tobacco Company, The: *See*—
Dalton, John T., assignor.

American Tool & Machine Co.: *See*—
Tholl, John F., assignor.

American Tool Works Company, The: *See*—
Hoelscher, William G., assignor.

American Transformer Company: *See*
Gaston, John R., assignor.
Preston, Ralph H., assignor.

American Type Founders Inc.: *See*—
Seybold, Frederick W., assignor.
Sutter, Otto W., assignor.

American Viscose Corporation: *See*—
Bruenner, Alexander, assignor.
Burke, James J., assignor.
Calvert, W. R., and White, assignors.
Castellan, Carl A., assignor.
Cole, P. M., and Lodge, assignors.
Collins, Benjamin W., assignor.
Crewdson, Henry, assignor.
De Brabander, Camiel, assignor.
Decker, F. A., Jr., and Spangler, assignors.
Decker, F. A., Jr., and Woodward, assignors.
Decker, Ferdinand A., Jr., assignor.
Ebert, David M., assignor.
Haley, H. D., and Burke, assignors.
House, Harrison D., assignor.
Knight, Edward, assignor.
Kulp, M. P., Morehead, Sisson, and Webb, assignors.
Lodge, Alvin, assignor.
Luttge, William G., assignor.
McDermott, Henry J., assignor.
McDermott, H. J., and Fry, assignors.
Nelson, Seddon C., assignor.
Pape, Harry E., assignor.
Roetman, Edmond T., assignor.
Stanley, R. W., and McDermott, assignors.
Taylor, Robert J., assignor.
Wallach, Roger, assignor.
Wedler, Frederick C., assignor.
Wicker, D. B., and Cox, assignors.
Zahn, Charles T., assignor.

American Voith Contact Co. Inc: *See*—
Frick, Reinhold, assignor.
Kugel, F., and Benz, assignors.

American Well Works, The: *See*—
Sperry, John B., assignor.
Walker, James D., assignor.

American Zinc, Lead & Smelting Company: *See*—
Depew, Harlan A., assignor.
Amery, George, Harborne, Birmingham, assignor to Amery Holding Limited, Oldbury, Birmingham, England. Temperature compensating device for fluid-containing apparatus. 2,367,707; Jan. 23.
Amery, George, Harborne, Birmingham, England; M. Amery, administratrix of said George Amery, deceased. Hydraulic remote control apparatus. 2,371,596; Mar. 20.
Amery, George, Harborne, Birmingham 17, assignor to Amery Holdings Limited, Oldbury, Birmingham, England. Fuel-injection apparatus for internal-combustion engines and like purposes. 2,372,169; Mar. 27.
Amery Holdings Limited: *See*—
Amery, George, assignor.
Amery, Marjorie, administratrix: *See*—
Amery, George.
Ames, Arthur D., Galesburg, assignor to Outboard Marine and Manufacturing Company, Waukegan, Ill. Unit cooler. 2,386,883; Oct. 16.
Ames Baldwin Wyoming Co.: *See*—
Harte, Richard, assignor.
Ames, Blanche A., North Easton, Mass. Propellor snare. 2,374,261; Apr. 24.
Ames, Harold T.: *See*—
Michaud, Elzear, assignor.
Ames, Richard L., et al.: *See*—
Livermont, Frank W., assignor.
Amesbury Seat Manufacturing Company: *See*—
Hare, Terrence G., assignor.
Amick, Chester A.: *See*—
Kienle, R. H., and Amick.
Kienle, R. H., Amick, and Peiker.
Amidon, Merle, Elizabeth, F. T. Lind, North Plainfield, and O. P. Lindberg, Elizabeth, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Supporting apparatus. 2,367,082; Jan. 9.
Amidon, Merle, Elizabeth, and H. E. Thornton, Plainfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Making electromagnetic cores. 2,390,863; Dec. 11.
Amidon, Roger W.: *See*—
Guss, C. O., and Amidon.
Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Composite fabric and making same. 2,369,651; Feb. 20.
Amidon, Roy C., assignor to Vanity Fair Mills, Inc., Reading, Pa. Knitting needle. 2,371,598; Mar. 20.
Amiot, Felix, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Shaping elongated metal pieces. 2,369,515; Feb. 13.
Amis, Lewis A., Dallas, Tex. Short line eliminator for duplicating machines. 2,367,083; Jan. 9.
Amis, Lewis A., Dallas, Tex. Ripping scissors. 2,382,281; Aug. 14.
Ammann, Richard, Louisville, Ky., assignor to Reynolds Metals Co., Richmond, Va. Making stamping dies for aluminum sheet and the like. 2,384,229; Sept. 4.
Ammon, Edward R., Reading, Pa. Flat hosiery knitting machine and marking attachment therefor. 2,388,944; Nov. 13.
Ammon, Roscoe A., assignor to Marion Electrical Instrument Co., Manchester, N. H. Electrical indicating instrument. 2,388,897; Nov. 13.
Amore, Leo J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Grid structure for ice trays. 2,388,378; Nov. 6.
Amos, James L., assignor to The Dow Chemical Company, Midland, Mich. Recovery of copper halides. 2,384,361; Sept. 4.
Amos, James L., Midland, and F. J. Soderquist, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Dehydrogenation of alkenes. 2,370,512; Feb. 27.
Amos, James L., Midland, and F. J. Soderquist, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Production of conjugated diolefins. 2,370,513; Feb. 27.
Amos, James L., Midland, and F. J. Soderquist, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Pyrolysis of alkanols. 2,391,667; Dec. 25.
Amott, Earl, Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil. 2,378,820; June 19.
Amott, Earl, Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Sulphonation process. 2,381,708; Aug. 7.
Ampat Corp.: *See*—
Hajos, Eugene, assignor.
Ampro Corporation: *See*—
Morgan, T. J., and Dearborn, assignors.
Shapiro, A., and Shoup, assignors.
Amrhein, Harald L., and E. E. Fuller, assignors to American Paper Tube Company, Woonsocket, R. I. Textile bobbin and producing the same. 2,378,901; June 26.
Amrhein, Harald L., and E. E. Fuller, assignors to American Paper Tube Company, Woonsocket, R. I. Cop tube or hollow core for packages of yarn and the like. 2,381,869; Aug. 14.
Amrhein, Harald L., and H. J. Feeley, assignors to American Paper Tube Company, Woonsocket, R. I. Spool or bobbin for supporting yarn, thread, cord, or the like. 2,381,870; Aug. 14.
Ams, Max, Machine Company, The: *See*—
Diezel, Willy, assignor.
Amsden, Ralph D., Lynn, Mass., assignor to General Electric Company. Battery charger. 2,366,466; Jan. 2.
Amsler, Alfred J., & Co.: *See*—
Kratzer, Paul, assignor.
Amundsen, Paul L., assignor to Parker-Wolverine Company, Detroit, Mich. Electrolytic deposition of nickel. 2,371,123; Mar. 13.
Amundson, Roald H.: *See*—
Earl, R. H., and Amundson.
Amyot, Pierre, Quebec, Quebec, Canada. Ventilated corset. 2,367,553: Jan. 16.
Anabolic Food Products, Inc.: *See*—
Wigelsworth, Arthur E., assignor.
Anaconda Copper Mining Company: *See*—
Doran, H. M., Jackson, and Alf, assignors.
Anaconda Wire and Cable Company: *See*—
Bassett, W. H., Jr. and Snyder, assignors.
Anania, James A., Newark, N. J. Adjustable toolholder. 2,375,882; May 15.
Ancell, Nathan S., New York, N. Y. Platform and leg construction. 2,384,426; Sept. 11.
Anchor, Ella: *See*—
Anchor, James, assignor.
Anchor Hocking Glass Corporation: *See*—
Buchman, Harry C., assignor.
McNamara, W. L., and Fouse, assignors.
McNamara, W. L., and McFee, assignors.
Nairn, George P., assignor.
Russell, H. W., and Lucks, assignors.
Stover, H. E., and Kosar, assignors.
Anchor, James, assignor to Ella Anchor, Detroit, Mich. Food dispensing system and apparatus. 2,391,287; Dec. 18.
Anchor Manufacturing Company: *See*—
Johansson, Ernest G., assignor.
Johansson, E. G., and Young, assignors.
Ancliff, Frederick: *See*—
Parker, F. A., and Ancliff.
Andale Company: *See*—
McNeal, Daniel R., assignor.
Andalikiewicz, Boley A., D. T. Carlson, and J. E. Hagstrom, assignors to C. Earl Hovey, trustee, Kansas City, Mo. Multiple coin control mechanism for vending machines. 2,383,438; Aug. 28.
Anderau, Walter, Basel, assignor to Society of Chemical Industry of Basle, Basel, Switzerland. Trisazo-dyestuffs and making same. 2,369,516; Feb. 13.
Anderegg, Edward W., assignor to Algoma Net Company, Algoma, Wis. Hammock support. 2,382,528; Aug. 14.
Anders, Frederick W., Danville, Ill. Mechanical action. 2,389,709; Nov. 27.
Andersag, Hans, and K. Westphal, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Pyrimidine derivatives and preparing the same. 2,377,395; June 5.
Andersag, Hans, and K. Westphal, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Quaternary thiazolium compounds and manufacture thereof. 2,386,766; Oct. 16.
Andersen, Arthur H., and N. R. Fasken, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Carbonization. 2,380,930; Aug. 7.
Andersen, Bjorn, Maplewood, N. J., and R. F. Strasdin, New York, N. Y., assignors, by mesne assignments, to Celanese Corporation of America. Extruding thermoplastic compositions. 2,384,521; Sept. 11.
Andersen, Bjorn, Maplewood, and E. Schweizer, East Orange, N. J., assignors to Celanese Corporation of America. Shatterproof plastic. 2,387,227; Oct. 23.
Andersen Corporation: *See*—
Swanson, E. C., Gaskell, and Smothermon, assignors.
Andersen, Ingvart J., Oakland, Calif. Electrode holder. 2,386,080; Oct. 2.
Andersen, Johan M., Hopkinton, Mass. Electrical connector. 2,384,267; Sept. 4.
Andersen, Johan M., Hopkinton, Mass. Electrical connector. 2,386,177; Oct. 9.
Andersen, Jorgen C., Rochester, N. Y. Lens edge grinding machine. 2,369,114; Feb. 13.
Andersen, Leif: *See*—
Tully, J. K., Andersen, and Jones.
Andersen, Niels Y.: *See*—
Wolters, C. F., and Andersen.
Andersen, Soren K., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Oil cooler having viscosity controlled shutter valve. 2,366,586; Jan. 2.
Andersen, Soren K., Los Angeles, and C. J. Vanous, Burbank, assignors to The Garrett Corporation Airesearch Manufacturing Company division, Los Angeles, Calif. Oil cooler protective device. 2,387,426; Oct. 23.
Andersen, Thomas K., West New Brighton, N. Y. Pump. 2,368,091; Jan. 30.
Andershock, Chester E., assignor to Goodman Manufacturing Company, Chicago, Ill. Shuttle car. 2,375,063; May 1.
Andershock, Chester E., assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,390,410; Dec. 4.

Anderson, Alvin P., Berkeley, and F. H. Stross, Oakland, assignors to Shell Development Company, San Francisco, Calif. Asphalt compositions. 2,370,386; Feb. 27.
Anderson, Andreas, Wellesley Hills, Mass. Electrical connector. 2,389,115; Nov. 20.
Anderson, Andrew J., Minneapolis, Minn. Coiling machine and coiling rods. 2,374,520; Apr. 24.
Anderson, Anton, Chicago, Ill. Manufacture of laps. 2,367,654; Jan. 23.
Anderson, Arthur C., Wildwood Crest, N. J. Pump. 2,377,916; June 12.
Anderson, Arvid E., Haverford Township, Delaware County, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker system. 2,384,362; Sept. 4.
Anderson, Arvid E., Haverford Township, Delaware County, Pa., assignor to General Electric Company. System of electric distribution. 2,385,181; Sept. 18.
Anderson, Axel L., Toledo, Ohio. Equipment for tire retreading. 2,381,963; Aug. 14.
Anderson, Axel L., Rockford, Ill., assignor to Jack & Heintz, Inc., Bedford, Ohio. Reamer. 2,377,660; June 5.
Anderson Box Company: *See*—
Ferguson, Kenneth C., assignor.
Anderson, Carl E., et al.: *See*—
Nelson, Noble A., assignor.
Anderson, Clarence T: *See*—
Dean, R. S., and Anderson.
Anderson, David G., Clarendon Hills, and W. B. Fairfield, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Liquid measuring apparatus. 2,388,662; Nov. 13.
Anderson, Earl L., Manhasset, N. Y., assignor to Radio Corporation of America. Television apparatus. 2,366,307; Jan. 2.
Anderson, Edgar M.: *See*—
Margolin, N. G., and Anderson.
Anderson, Edward M., and D. H. Morris, Monaca, Pa. Clothes post. 2,391,536; Dec. 25.
Anderson, Einar H., Minneapolis, Minn. Rock crusher. 2,383,457; Aug. 28.
Anderson, Elmer A., Moorhead, Minn. Safety gun trigger. 2,380,140; July 10.
Anderson, Emil, Braircliff Manor, N. Y., assignor to Electrolux Corporation, Old Greenwich, Conn. Worm gearing. 2,378,891; June 26.
Anderson, Ernest H., Jamestown, N. Y. Fastener for bed rails and the like. 2,386,178; Oct. 9.
Anderson, George, Chicago, Ill. Heater. 2,370,116; Feb. 27.
Anderson, George M., Duvall, Wash. Device for holding inner tubes. 2,384,803; Sept. 18.
Anderson, George W.: *See*—
Roblin, R. O., Jr., and Anderson.
Anderson, George W., Stamford, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphonyl cyanamides. 2,390,411; Dec. 4.
Anderson, George Y., Milwaukee, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Crane boom suspension. 2,391,440; Dec. 25.
Anderson, Gilbert R., Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Rosin esters and producing. 2,369,125; Feb. 13.
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Conductor connection for electrical machines. 2,391,115; Dec. 18.
Anderson, Harold C.: *See*—
Henderson, D., Rush and Anderson.
Anderson, Harold J., et al.: *See*—
Stow, Clarence E., assignor.
Anderson, Harry W.: *See*—
Haldane, James M., assignor.
Anderson, Helmer, Minneapolis, Minn., assignor to General Mills, Inc. Bin level control. 2,376,304; May 15.
Anderson, Hilton J.: *See*—
Fuglie, E. A., and Anderson.
Anderson, Howard M., West Lafayette, Ind., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,381,566; Aug. 7.
Anderson, James A., Jr., Goose Creek, Tex., assignor to Standard Oil Development Company. Production of aviation gasoline. 2,389,176; Nov. 20.
Anderson, James G., Trowbridge, R. Hill and L. B. Morgan, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture and application of synthetic rubber-like materials. 2,385,182; Sept. 18.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for making welded tubes. 2,370,387; Feb. 27.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Skelp welding unit with rolls. 2,371,209; Mar. 13.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Billet surfacing machine. 2,380,569; July 31.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated. Plate cutting or welding machine. 2,389,585; Nov. 27.
Anderson, James M., Broomall, Pa., assignor to General Electric Company. Locking mechanism for electric switches. 2,389,400; Nov. 20.
Anderson, James T., R. S. Wells, and W. J. Scott, Rugby, England, assignors to General Electric Company. Making electric discharge device. 2,379,057; June 26.
Anderson, John: *See*—
Peterson, W. H., and Anderson.
Ross, W. E., McAllister, and Anderson.
Anderson, John, Berkeley, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of alkylation products. 2,375,724; May 8.
Anderson, John, and W. H. Peterson, Berkeley, and S. H. McAllister, Lafayette, assignors to Shell Development Company, San Francisco, Calif. Polymerization of olefins. 2,380,358; July 10.
Anderson, John, Berkeley, S. H. McAllister, Lafayette, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isomerization of hydrocarbons. 2,387,868; Oct. 30.
Anderson, John A., Pittsburgh, Pa. Tool for removing valve seats, bushings, or the like. 2,366,467; Jan. 2.
Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,374,262; Apr. 24.
Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversions and catalysts therefor. 2,381,481; Aug. 7.
Anderson, John T.: *See*—
Weber, John A., assignor.
Anderson, Leslie J., Indianapolis, Ind., assignor to Radio Corporation of America. Automatically detonated projectile. 2,389,288; Nov. 20.
Anderson, Lloyd L., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Latch. 2,385,961; Oct. 2.
Anderson, Mads P., Woburn, Mass. Greenhouse construction. 2,384,719; Sept. 11.
Anderson, Martin E., assignor to The Bristol Company, Waterbury, Conn. Method and apparatus for straightening blanks. 2,389,885; Nov. 27.
Anderson, Miner S., Wabasha, Minn. Toy wagon and steering the same. 2,388,629; Nov. 6.
Anderson, Nelson F., East Orange, N. J., assignor, by mesne assignments, to United States Government, as represented by the Secretary of War and his successors in Office. Propellent charge holder. 2,369,003; Feb. 6.
Anderson, Oscar M.: *See*—
Badger, H. M., and Anderson.
Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Hose coupling for vacuum cleaners. 2,367,188; Jan. 16.
Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,367,708; Jan. 23.
Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,374,521; Apr. 24.
Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,382,123; Aug. 14.
Anderson, Phillip A.: *See*—
Swenson, A. H., and Anderson.
Anderson Products, Inc: *See*—
Ferguson, Warren T., assignor.
Anderson, Ralph L., C. R. Arnold, and L. A. Paradise, assignors to Deere & Company, Moline, Ill. Harvester thresher. 2,367,990; Jan. 23.
Anderson, Raymond D., Milwaukee, Wis. Wire twisting tool. 2,375,835; May 15.
Anderson, Raymond M., assignor to Evans Products Company, Detroit, Mich. Internal-combustion engine charge forming apparatus. 2,375,883; May 15.
Anderson, Raymond M., assignor to Evans Products Company, Detroit, Mich. Internal-combustion engine charge forming apparatus. 2,380,374; July 31.
Anderson, Robert G., Doylestown, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 2,370,127; Feb. 27.
Anderson, Robert G., Doylestown, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 2,379,847; July 3.
Anderson, Robert L., Talmage, Calif. Reflecting device. 2,378,677; June 19.
Anderson, Roger, Seattle, Wash. Surgical cast, cast material, and method. 2,373,802; Apr. 17.
Anderson, Roger, Seattle, Wash. Surgical cast or splint material, method of application, and product thereof. 2,384,804; Sept. 18.
Anderson, Roger, Seattle, Wash. Ambulatory rotating reduction and fixation splint. 2,391,537; Dec. 25.
Anderson, Roy D., assignor to Lawrence Paper Company, Lawrence, Kans. Container cover and attachment therefor. 2,370,927; Mar. 6.
Anderson, Russell G., Bedford, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Piston connection. 2,387,634; Oct. 23.
Anderson School Equipment Co.: *See*—
Riggio, Frank, assignor.
Anderson, Swan F., Rockford, Ill. Pump and seal therefor. 2,366,765; Jan. 9.
Anderson, Thomas: *See*—
Morgan, J. D., and Anderson.

Anderson, Thomas A., Hartwell, Ga., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,376,648; May 22.

Anderson, Thure A., Des Plaines, Ill., assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,370,705; Mar. 6.

Anderson, Waldemar E., Montclair, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Lamp with means to improve lumen maintenance. 2,379,058; June 26.

Anderson, Walter A., Long Hill, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper carriage for accounting machines. 2,366,468; Jan. 2.

Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Corporation. Carriage control for accounting machines. 2,382,195; Aug. 14.

Anderson, Warren D., assignor to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Resilient ball separator. 2,367,554; Jan. 16.

Anderson, William B.: *See*—
Kingsbury, F. L., Cole, and Anderson.

Anderson, William G., Kennedy, Minn. Thin swath booster. 2,391,763; Dec. 25.

Anderson, William R., assignor of one-third to J. M. Foster, and one-third to E. N. Tracy, Memphis, Tenn. Portable step for vehicle repair mechanics. 2,378,678; June 19.

Anderson, William S., assignor to Penn-Standard Sole Cementing Process, Inc., Philadelphia, Pa. Sole roughing tool. 2,390,633; Dec. 11.

Anderson, William T., assignor to Contour Saws, Incorporated, Des Plaines, Ill. Saw band for hard refractory materials. 2,368,092; Jan. 30.

Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,368,438; Jan. 30.

Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,372,044; Mar. 20.

Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,381,427; Aug. 7.

Anderton, Edward C., Tappahannock, Va. Nutlock. 2,383,231; Aug. 21.

Andis Clipper Company: *See*—
Andis, Mathew, assignor.

Andis, Mathew, assignor to Andis Clipper Company, Racine, Wis. Massage apparatus. 2,384,427; Sept. 11.

Andler, Robert F., Rutherford, assignor to Conmar Products Corporation, Newark, N. J. Slide fastener stringer. 2,368,911; Feb. 6.

Andreas, John M., Pasadena, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Continuous stip-handling reel. 2,388,591; Nov. 6.

Andreasson, Rudolf W., Detroit, Mich. Drill. 2,370,706; Mar. 6.

Andreasson, Rudolf W., Detroit, Mich. Mechanism for relieving the teeth of circular cutting elements. 2,389,401; Nov. 20.

Andreef, Alexis D., Montreal, Quebec, Canada. Ski. 2,369,004; Feb. 6.

Andres, Lloyd J., assignor to Automatic Instrument Company, Chicago, Ill. Coin operated device. 2,366,469; Jan. 2.

Andres, William J.: *See*—
Sanford, R. S., and Andres.

Andresen, Gilbert J. C., Port Clinton, Ohio. Method and apparatus for detecting and neutralizing static charges on aircraft or the like. 2,386,647; Oct. 9.

Andresen, Hilmar A., assignor of one-half to M. Keim, Chicago, Ill. Compressor. 2,382,598; Aug. 14.

Andresen, William A., and L. Boero, assignors to The Casement Hardware Company, Chicago, Ill. Tropical louver construction. 2,386,380; Oct. 9.

Andress, Harry J., Jr.: *See*—
Reiff, O. M., and Andress.

Andrew, Harry J., Oldham, England. Appliance for machine tapping or screwing operations. 2,375,718; May 1.

Andrew, Harry J., Oldham, England. Appliance for machine tapping or screwing operations. 2,378,967; June 26.

Andrew, Thomas A.: *See*—
Johnston, M. O., Andrew, Graham, and Smith.

Andrews, Bernard R., Braintree, Mass. Drying apparatus. 2,389,586; Nov. 27.

Andrews, Bernard R., Braintree, Mass. Drying apparatus. 2,391,764; Dec. 25.

Andrews, Clyde M.: *See*—
Van Wagner, C. A., and Andrews.

Andrews Company: *See*—
Coddington, Howard O., assignor.

Andrews, Earle R., and L. H. Steans, Los Angeles, Calif. Fastening device. 2,386,922; Oct. 16.

Andrews, Edward D.: *See*—
Alderfer, Sterling W., assignor.

Andrews, Edward F., Youngstown, Ohio. Trap. 2,374,522; Apr. 24.

Andrews, Gilman B.: *See*—
Sensiper, S., and Andrews.

Andrews, Harold, Halesowen, England. Centrifugal casting machine. 2,377,917; June 12.

Andrews, Harold, Halesowen, England. Centrifugal casting machine. 2,385,250; Sept. 18.

Andrews, Harold K.: *See*—
Gaynor, E. G., and Andrews.

Andrews, John S., Los Angeles, Calif. Gas valve control attachment. 2,371,727; Mar. 20.

Andrews, John S., and R. C. Sherwood, St. Paul, Minn., assignors to General Mills, Inc. Natural high vitamin flour process. 2,377,741; June 5.

Andrews, Leonard H: *See*—
Ross, Andrew, assignor.

Andrews, Mark, Kirkwood, Mo. Marking roller. 2,371,728; Mar. 20.

Andrews, Morris L., et al.: *See*—
Binder, Joseph, assignor.

Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Husking mechanism. 2,389,402; Nov. 20.

Andrews, Norwood H., assignor to International Pulverizing Corporation, Moorestown, N. J. Pulverizer. 2,376,747; May 22.

Andrews, Norwood H., Moorestown, N. J., assignor to International Pulverizing Corporation. Method and apparatus for refining dry materials. 2,390,678; Dec. 11.

Andrews, Ollie T., Marion, La. Hay baler. 2,366,230; Jan. 2.

Andrews, P. L., Corporation: *See*—
Hoffman, L., and Dalmen, assignors.

Andrews, Paul D., Schenectady, N. Y., assignor to General Electric Company. Balancing system. 2,380,389; July 31.

Andrews, Percival W.: *See*—
Dewan, Leon, assignor.

Andrews, Troy M.: *See*—
Martin, M. E., and Andrews.

Andrews, Willard A., et al.: *See*—
Binder, Joseph, assignor.

Andrus, Budd W., Eugene, Oreg. Power transmission for sawmill carriages. 2,386,923; Oct. 16.

Andrus, Foscoe H., Windsor, Conn. Positioning indicator for engine pistons. 2,386,179; Oct. 9.

Andrus, Hamlin F., et al.: *See*—
Gelbman, L., Olsen, and Mays, assignors.

Aneiros, Joseph, assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for edging sheet metal blanks. 2,370,128; Feb. 27.

Anemostat Corporation of America: *See*—
Honerkamp, F., Kurth, and Serre, assignors.
Kurth, Franz J., assignor.
Kurth, F. J., and Honerkamp, assignors.
Kurth, F. J., Honerkamp, Poeten and Kunen, assignors.
Serre, M., Hewett, and Schaefer, assignors.

Angel, Henry S., E. W. Fuller, and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil. 2,381,377; Aug. 7.

Angell, Charles H.: *See*—
Newhardt, Joseph B., assignor.

Angell, Charles J.: *See*—
Brown, John H., assignor.

Angell, Elvin D., assignor to Overland Candy Corporation, Chicago, Ill. Packaging machine. 2,379,407; July 3.

Angell, Herbert W.: *See*—
Gottschalk, F. W., and Angell.

Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 2,371,597; Mar. 20.

Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 2,373,442; Apr. 10.

Angelus Sanitary Can Machinery Co.: *See*—
Schurch, Jacob H., assignor.

Anglo California National Bank of San Francisco, The: *See*—
Fisher, Harmon F., assignor.
Jameson, Frank E., assignor.

Anglo California National Bank of San Francisco, The, trustee: *See*—
Hansgirg, Fritz J., assignor.
Rademaker, John C., assignor.

Anglo-Iranian Oil Company Limited: *See*—
Birch, S. F., and Besly, assignors.
Evans, N., and Docksey, assignors.
Fawcett, E. W. M., and Narracott, assignors.

Angold, Edward B.: *See*—
Angold, Herbert E. and E. B.

Angold, Herbert E. and E. B., London, S. W. 16, England. Remote-control speed indicator. 2,372,633; Mar. 27.

Anholtt, Anders P.: *See*—
Giern, James B.
Giern, J. B., and Anholtt.

Annen, Robert, Bienne, Switzerland. Control device for the automatic pilotage of airplanes. 2,378,744; June 19.

Annis, Ellsworth: *See*—
Perkins, W. W., and Annis.

Annis, Robert B., Indianapolis, Ind. Electronic type balancer. 2,382,843; Aug. 14.

Annis, Russell K., Asheville, N. C. Astronomical instrument. 2,366,470; Jan. 2.

Anschicks, Rudolph J., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Relief valve. 2,369,005; Feb. 6.

Anschütz, Robert, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting calculating machine. 2,378,902; June 26.

Anschütz, Robert, and E. H. Kämmel, Zella-Mehlis, Thuringia, Germany; vested in the Alien Property Custodian. Typewriter calculating machine. 2,378,527; June 19.

Ansel, Gerhard, assignor to The Dow Chemical Company, Midland, Mich. Rolling magnesium alloys. 2,378,679; June 19.

Anson, George, Island Park, N. Y. Shoe. 2,368,960; Feb. 6.

Anson, George, Island Park, N. Y. Heel construction for shoes. 2,369,201; Feb. 13.

Anspach, Russell J., Westfield, and C. R. Walker, Jersey City, N. J., assignors to American Telephone and Telegraph Company. Teletypewriter control system. 2,375,064; May 1.

Antalek, John J., assignor to The Rauland Corporation, Chicago, Ill. Modulation system. 2,372,701; Apr. 3.

Antalek, John J., assignor to Virgil Hamilton, doing business as Hamilton Associated Industries, Chicago, Ill. Phonograph. 2,382,461; Aug. 14.

Anthes, Clifford C.: *See*—
Jacobsson, W. J., and Anthes.

Anthony, Benjamin F.: *See*—
Charman, W. M., and Anthony.

Anthony Company: *See*—
Wachter, Lester W., assignor.

Anthony, Stanley, Boston, Mass. Trouser hanger. 2,382,964; Aug. 21.

Antiseptol Company, Inc.: *See*—
McDow, Everett E., assignor.

Antonelli, Leonida, Este, Padova, and O. Pavan, Imola, Italy; vested in the Alien Property Custodian. Milling machine for ingots. 2,387,553; Oct. 23.

Antos, George, Forest Hills, assignor to Precision Shapes, Inc., New York, N. Y. Machine for the manufacture of cans. 2,366,993; Jan. 9.

Antrim, Charles H., Grand Rapids, assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Dust collector for grinding and other machines. 2,384,414; Sept. 4.

Anway, Herman W., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture and testing of fiber mats. 2,375,182; May 8.

Apel, Arno A., Ventnor City, N. J. Boat, seaplane, and the like. 2,367,323; Jan. 16.

Apex Electric Manufacturing Company, The: *See*—
Frantz, Paul E., assignor.

Apex Electrical Manufacturing Company, The: *See*—
Bottinelli, Lelio A., assignor.

Apex Electrical Manufacturing Company, The, trustee: *See*—
Kirby, James B., assignor.

Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Dispensing container. 2,377,120; May 29.

Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Lipstick holder. 2,386,417; Oct. 9.

Apgar, Frank A., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Treatment of light petroleum distillate containing undesirable sulphur compounds. 2,367,178; Jan. 16.

Apgar, Frank A., and J. W. Teter, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,709; Aug. 7.

Apostolescu, Stefan, New York, N. Y. Helicopter. 2,384,445; Sept. 11.

Appel, Everett H., Aurora, Ill. Sleeve puller. 2,377,304; June 5.

Appel, Oswald A., Spokane, Wash., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester-thresher and the like. 2,382,965; Aug. 21.

Appelberg, Gustaf R.: *See*—
Bullard, E. P., III, Appelberg, and Johnson.

Appeldoorn, William R., Detroit, Mich. Dust precipitator. 2,370,629; Mar. 6.

Appeldoorn, William R., Detroit, Mich. Dust separator. 2,375,203; May 8.

Appeman, Walter R., Champaign, Ill. Double acting, two-cycle Diesel engine. 2,387,107; Oct. 16.

Applebaum, Milton, New York, N. Y. Safety lockable cover for gas ranges. 2,390,234; Dec. 4.

Appleford Paper Products, Ltd.: *See*—
Willis, Cecil H. N. R., assignor.

Appleman, Theodore C., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,389,587; Nov. 27.

Appleton, Joseph H.: *See*—
Stone, A. L., and Appleton.

Appling, William L., Uvalde, Tex. Photographic device. 2,388,240; Nov. 6.

Archbold-Hagner Instrument Laboratory: *See*—
Hagner, Frederick H., assignor.

Archenbronn, George E., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. High frequency attenuating device. 2,390,489; Dec. 11.

Archer, George F., New York, N. Y. Explosive carrier sensitive to airplane induced aerial disturbances. 2,377,742; June 5.

Archibald, Raymond C., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Treatment of hydrocarbons. 2,370,707; Mar. 6.

Archibald, Raymond C., Berkeley, and R. A. Trimble, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Recovery of metal values. 2,386,081; Oct. 2.

Architectural and Industrial Sales Corporation: *See*—
Lancaster, Eustis A., Jr., assignor.

Arco Company, The: *See*—
Hexter, Paul L., assignor.

Ardell, Edgar: *See*—
Kimball, W. D., and Ardell.

Ardell, Edgar, Middletown, assignor to Standard-Knapp Corporation, Portland, Conn. Bottle removing apparatus. 2,368,796; Feb. 6.

Arden, Thomas R., assignor to Bard-Parker Company, Inc., Danbury, Conn. Internal-combustion engine. 2,375,183; May 8.

Ardussi, Wallace F.: *See*—
Mackmann, A., and Ardussi.

Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Mechanism for closing the open tubular end of the wrapper of a package. 2,378,457; June 19.

Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine and Foundry Company. Tucking and folding mechanism for wrapping machines. 2,385,675; Sept. 25.

Arena, Hector J., Hudson, and J. J. Virgona, Cliffside Park, N. J. Covering containers. 2,371,667; Mar. 20.

Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Transmission cable. 2,382,966; Aug. 21.

Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,384,805; Sept. 18.

Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,386,767; Oct. 16.

Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Transmission cable. 2,388,241; Nov. 6.

Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,390,069; Dec. 4.

Arens Controls, Inc.: *See*—
Arens, Charles A., assignor.
Norton, Calhoun, assignor.

Arentzen, Einar M., Charleroi, assignor to Joy Manufacturing Company, Franklin, Pa. Loading machine. 2,376,857; May 29.

Arentzen, Einar M., Charleroi, Pa., assignor to Goodman Manufacturing Company, Chicago, Ill. Truck or vehicle. 2,378,892; June 26.

Aresee Company Inc., The: *See*—
Chandler, Daniel L., assignor.

Arey, Fred C.: *See*—
Hibner, D. E., and Arey.

Arey, Fred C., and De Los E. Hibner, Jr., Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Drying apparatus for cylinder heads. 2,374,968; May 1.

Argus, Inc.: *See*—
Fassin, Gustave, assignor.
Harris, Clinton H., assignor.

Argyle, Christopher S.: *See*—
Olpin, H. C., and Argyle.
Stanley, E., Argyle, and Olpin.

Argyle, Christopher S., Spondon, near Derby, assignor to British Celanese Limited, London, England. Disazo naphthopyridine dyes. 2,380,488; July 31.

Argyle, Christopher S., Spondon, near Derby, assignor to British Celanese Limited, London, England. Aroylaminonitrodiphenylamine. 2,388,663; Nov. 13.

Aridye Corporation: *See*—
Coward, H. W., and Shafer, assignors.

Ariens, Mando S., Brillion, Wis. Road surface-working machine. 2,381,330; Aug. 7.

Arisman, Mervin B.: *See*—
Turner, B. S., Arisman, and Veatch.

Ark, Peter A., assignor to The Regents of The University of California, Berkeley, Calif. Preserving microorganisms. 2,376,333; May 22.

Arkansas Company, Inc.: *See*—
Cook, A. A., and Whitworth, assignors.
Cook, A. A., Tjorn, and Zaparanick, assignors.

Arkell & Smiths, Inc.: *See*—
Bamford, Arthur P., assignor.

Arkis, Jerome W.: *See*
Woodward, F. E., and Arkis.

Arkus-Duntov, Zachar, and G. A. Rubissow, New York, N. Y. Polyharmonic self-tuning damper means. 2,367,709; Jan. 23.

Arlequeeuw, Alois, Providence, R. I. Loom temple. 2,366,994; Jan. 9.

Arma Engineering Co., Inc.: *See*—
Macomber, James K., assignor.

Armand Company, The: *See*—
Weeks, Carl, assignor.

Armbrust Chain Company: *See*—
Armbrust, F., and Reibling, assignors.

Armbrust, Ferdinand, and A. G. Reibling, Cranston, R. I., assignors to Armbrust Chain Company. Chain filling machine. 2,371,141; Mar. 13.

Armbrust, John T., Chicago, Ill. Three-dimensional picture. 2,386,418; Oct. 9.

Armentrout, Arthur L., Long Beach, Calif. Speed control mechanism. 2,372,702; Apr. 3.

Armentrout, Arthur L., Long Beach, Calif. Jarring tool 2,389,710; Nov. 27.
Armentrout, Arthur L., Long Beach, Calif. Well jar. 2,389,711; Nov. 27.
Armington, George E.: *See*—
Armington, R. Q., S. F., and G. E.
Armington, George E., South Euclid, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Hydraulic door operating device. 2,366,587; Jan. 2.
Armington, Raymond Q., Shaker Heights, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Sealing means. 2,373,443; Apr. 10.
Armington, Raymond Q., Shaker Heights, S. F. Armington, Willoughby, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Conveyer loader with diagonal belt. 2,386,187; Oct. 9.
Armington, Raymond Q., Shaker Heights, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Brake for crawler track. 2,389,289; Nov. 20.
Armington, Stewart F.: *See*—
Armington, R. Q., S. F., and G. E.
Armitage, Joseph B., Wauwatosa, and O. W. Barker, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,370,764; Mar. 6.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,374,719; May 1.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,379,405; July 3.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,382,934; Aug. 14.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Variable speed drive mechanism. 2,382,935; Aug. 14.
Armitage, Joseph B., and T. F. Eserkaln, Wauwatosa, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool power transmission and control mechanism. 2,385,907; Oct. 2.
Armitage, Joseph B., Wauwatosa, and O. W. Barker, K. A. Riedel, and F. D. Boehmer, Milwaukee, assignors to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,387,820; Oct. 30.
Armour and Company: *See*—
Keil, Havard L., assignor.
Oswald, E. C., and Lewis, assignors.
Porsche, Jules D., assignor.
Porsche, J. D., and Josh, assignors.
Ralston, A. W., Barrett, and McCorkle, assignors.
Roundy, Z. D., and Keil, assignors.
Schultz, Kristian, assignor.
Sifferd, Robert H., assignor.
Armour Research Foundation: *See*—
Camras, Marvin, assignor.
Schwarz, Ernst L., assignor.
Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Hand controlled hydraulic drive mechanism. 2,378,680; June 19.
Arms, Richard P., Cambridge, Mass., assignor to General Electric Company. Gas engine exhaust flame quencher. 2,382,386; Aug. 14.
Armstrong, Bernard C., Oklahoma City, Okla. Garden tool. 2,366,231; Jan. 2.
Armstrong, C. M., Inc.: *See*—
Block, R. J., and Hellwig, assignors.
Armstrong, Charles E., assignor to Armstrong Heat Control Co., Portland, Oreg. Electrical mechanism and wiring circuits therefor. 2,379,856; July 10.
Armstrong Cork Company: *See*—
Bare, Martin K., assignor.
Berger, John L., assignor.
Bers, Sara J., assignor.
Billmeyer, Bruce R., assignor.
Brown, H. C., Jr., and Abbott, assignors.
Derham, Philip A., assignor.
Dunlap, Lawrence H., assignor.
Egli, Herman K., assignor.
Gaenzle, Luther E., assignor.
Green, Clarence C., assignor.
Hartman, Samuel H., assignor.
Hazeltine, James E., Jr., assignor.
Hill, Ralph M., assignor.
King, Ellis G., assignor.
Lyall, John D., assignor.
Menger, F. B., and Gaenzle, assignors.
Navikas, Victor A., assignor.
Perry, Arlington C., assignor.
Powers, Paul O., assignor.
Spencer, Virgil, assignor.
Weber, Karl H., assignor.
Wiley, John W., assignor.
Wisler, John J., assignor.
Armstrong, Fullerton G. G., Beverley, England. Control valve. 2,371,122; Mar. 13.
Armstrong, George A., Barrington, assignor to Budlong, Docherty & Armstrong, Providence, R. I. Nut for ear ornaments. 2,373,002; Apr. 3.
Armstrong, George C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch. 2,372,045; Mar. 20.
Armstrong, George C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Mechanical interlock. 2,381,243; Aug. 7.
Armstrong, George M., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,385,908; Oct. 2.
Armstrong, H. D.: *See*—
Thompson, Ross, assignor.
Armstrong Heat Control Co.: *See*—
Armstrong, Charles E., assignor.
Armstrong, Howard W.: *See*—
Brewer, John A., assignor.
Armstrong, James J.: *See*—
Autrey, Cecil M., assignor.
Armstrong, Morgan T., San Bruno, Calif. Rotary engine. 2,371,942; Mar. 20.
Armstrong, Robert T., assignor to United States Rubber Company, New York, N. Y. Vulcanization accelerators. 2,382,769; Aug. 14.
Armstrong Siddeley Motors Limited: *See*—
Heppner, Fritz A. M., assignor.
Armstrong, Wayne, Woodland, Calif. Front end loader. 2,391,538; Dec. 25.
Armstrong, Werner E., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Mechanical governor for internal-combustion engines. 2,382,952; Aug. 21.
Arndt, Charles, South Pasadena, Calif. Grease trap. 2,383,436; Aug. 28.
Arndt, John P., Jr., Euclid, assignor to The Brush Development Company, Cleveland, Ohio. Transient signal recording-reproducing device. 2,378,383; June 19.
Arndt, John P., Jr., Euclid, and W. J. Brown and A. L. W. Williams, Cleveland Heights, assignors to The Brush Development Company, Cleveland, Ohio. Piezoelectric apparatus. 2,387,108; Oct. 16.
Arndt, John P., Jr., Euclid, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric transducer. 2,388,242; Nov. 6.
Arne, Christian, Seneca, Ill. Automatic lock gate. 2,375,739; May 8.
Arner, William J.: *See*—
Knight, M., Wampler, and Arner.
Arnesen, Walter A., Flushing, N. Y. Ophthalmoscope. 2,370,514; Feb. 27.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,372,351; Mar. 27.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier. 2,382,844; Aug. 14.
Arneson, Edwin L., Morris, assignor to Morris Paper Mills, Chicago, Ill. Carton. 2,388,243; Nov. 6.
Arneson, Hillard O., et al.: *See*—
Flynn, Thomas W., assignor.
Arnette, Oliver P., Hattiesburg, Miss. Scarifying tool. 2,377,918; June 12.
Arney, Armond M., Toledo, Ohio. Mechanism to obtain and control motion transverse to axis of rotation. 2,367,555; Jan. 16.
Arnhym, Albert A., San Diego, Calif., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vacuum cleaner. 2,381,710; Aug. 7.
Arnhym, Albert A., Los Angeles, assignor to Solar Aircraft Company, San Diego, Calif. Spill for aircraft. 2,387,708; Oct. 30.
Arnold, Aaron, East Orange, and C. B. Schreffler, Montclair, assignors to National Oil Products Company, Harrison, N. J. Treating vitamin B concentrates. 2,390,679; Dec. 11.
Arnold, Arthur A.: *See*—
Madsen, P. S., and Arnold.
Arnold, Arthur B., assignor to Modine Manufacturing Company, Racine, Wis. Oil cooler tube. 2,373,218; Apr. 10.
Arnold, Chester R.: *See*—
Anderson, R. L., Arnold, and Paradise.
Arnold, Edwin, assignor to Woodall-Duckham (1920) Limited, London, England. Emulsification of tars and like substances. 2,372,924; Apr. 3.
Arnold, Edwin E.: *See*—
Newton, J. S., and Arnold.
Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,381,244; Aug. 7.
Arnold, George B., Beacon, assignor to The Texas Company, New York, N. Y. Refining of rosin. 2,382,196; Aug. 14.
Arnold, George V., Irvington, N. J. Shears or scissors. 2,369,271; Feb. 13.
Arnold, Gerald D., Wauwatosa, Wis. Hammermill for stock feed. 2,367,179; Jan. 16.
Arnold, Gerald D., Wauwatosa, Wis. Apparatus and method for treating material in a pneumatic current. 2,368,699; Feb. 6.
Arnold, Harold W., Marshallton, and G. L. Dorough, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of asymmetrical dichloroethylene. 2,380,009; July 10.
Arnold, Jane A., Salt Lake City, Utah. Globe. 2,379,468; July 3.
Arnold, Melvin R., Charlestown, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Extraction thimble. 2,384,230; Sept. 4.

Arnold, Michael H. M., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Compositions for use in agriculture or horticulture. 2,372,046; Mar. 20.

Arnold, Michael H. M., and W. E. Perry, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Preparation of sulphur nitride. 2,382,845; Aug. 14.

Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Solvent extraction system. 2,379,332; June 26.

Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,380,010; July 10.

Arnold, Philip M., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purifying anhydrous aluminum chloride. 2,387,228; Oct. 23.

Arnold, Richard T., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Producing quinones. 2,373,003; Apr. 3.

Arnold, Thomas H., Cherubsco, Mexico, assignor to The Babcock & Wilcox Company, Newark, N. J. Pulverizer. 2,368,961; Feb. 6.

Arnold, Victor E., Westmont, N. J. Fuel economizer. 2,369,995; Feb. 20.

Arnold, Violet, Detroit, Mich. Method and apparatus for removing hair from the human body. 2,389,403; Nov. 20.

Arnoldi, Paul, Brighton, Ontario, Canada. Secondary battery. 2,391,001; Dec. 18.

Arnot, Alfred, Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Control gear for electric motor driven mechanisms. 2,373,736; Apr. 17.

Arnott, Edward G. F., Upper Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-arc device. 2,367,556; Jan. 16.

Aro Equipment Corporation: *See*—
Fitch, Clifford E., assignor.
Johnson, J. P., and Tidd, assignors.

Aro Equipment Corporation, The: *See*—
Fitch, Clifford E., assignor.
Ginter, Charles W., assignor.
Johnson, James P., assignor.
Satterlee, Howard A., assignor.

Arone, Nicholas F.: *See*—
Brink, E. H., and Arone.

Aronovsky, Samuel I.: *See*—
Lathrop, E. C., and Aronovsky.

Aronson, Peter R., Kenmore, N. Y., assignor to Union Carbide and Carbon Corporation. Making blowpipe nozzles. 2,383,949; Sept. 4.

Arps, Bruno F., assignor to Arps Corporation, New Holstein, Wis. Trench filler and earth moving attachment for tractors. 2,370,830; Mar. 6.

Arps Corporation: *See*—
Arps, Bruno F., assignor.
Arps, Frederick B., assignor.

Arps, Frederick B., assignor to Arps Corporation, New Holstein, Wis. Dump scoop attachment for tractors. 2,390,040; Dec. 4.

Arrington, Conard J., Winnsboro, S. C., assignor to United States Rubber Company, New York, N. Y. Tension control mehanism. 2,387,869; Oct. 30.

Arrow-Hart & Hegeman Electric Company, The: *See*—
Bentley, Robert H., assignor.
Dietrich, Walter L., assignor.
Gates, Frederic P., assignor.
Johnson, David W., assignor.

Arrow Manufacturing Company, Incorporated: *See*—
Feiler, William, assignor.

Arrowhead Rubber Company: *See*—
Young, J. W., and Patterson, assignors.

Arrowsmith, Clarence J., New York, N. Y., and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty materials. 2,383,580; Aug. 28.

Arrowsmith, Clarence J., New York, N. Y., and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Preparing fatty materials. 2,383,581; Aug. 28.

Arroyo, Rafael, Rio Piedras, P. R. Production of heavy rums. 2,386,924; Oct. 16.

Arsandaux, Louis, Orleans, France; vested in the Alien Property Custodian. Supporting element for aircraft. 2,378,528; June 19.

Art in Buttons, Incorporated: *See*—
Magin, Jacob B., assignor.

Art Metal Company, The: *See*—
Hrabak, Robert A., assignor.

Art Metal Construction Company: *See*—
Jones, James R., assignor.
Lindros, Hjalmer C., assignor.
Wells, Roy E., assignor.

Arter Grinding Machine Company: *See*—
Arter, Harry, assignor.

Arter, Harry, assignor to Arter Grinding Machine Company, Worcester, Mass. Work support adjusting mechanism for machine tools. 2,375,172; May 1.

Arter, Jakob, Mannedorf, Switzerland. Friction wheel change speed gear. 2,389,589; Nov. 27.

Artesian Well & Equipment Co., Inc.: *See*—
Every, Elmer D., assignor.

Arthur, Charles E., Napa, Calif. Closure actuating and locking mechanism. 2,378,119; June 12.

Arthur, James G., Seattle, Wash. Controlling radiator systems. 2,376,412; May 22.

Arthur, Oscar F.: *See*—
Payne, Charles H., assignor.

Arthur, Oscar F., Belle Vernon, Pa. Ladder. 2,367,917; Jan. 23.

Arthur, Oscar F., Belle Vernon, Pa. Mat. 2,371,017; Mar. 6.

Arthur, William H., assignor to Container Corporation of America, Chicago, Ill. Lined carton. 2,381,026; Aug. 7.

Artique, Marius, Geneva, Switzerland. Scaffold clamp. 2,389,751; Nov. 27.

Artistic Foundations, Inc.: *See*—
Butow, Abe M., assignor.

Artistic Silver Craft, Inc.: *See*—
Hattenrath, Henry, assignor.

Artomatic Machinery Corp.: *See*—
Hopkins, Arthur C., assignor.

Artsay, Nicholas C.: *See*—
Keenan, W. F., Jr., and Artsay, assignors.
Makaroff, V. S., and Artsay.

Artsay, Nicholas C., Valhalla, assignor to Foster Wheeler Corporation, New York, N. Y. Heat exchange apparatus. 2,386,188; Oct 9.

Artzt, Maurice, Princeton, N. J., assignor to Radio Corporation of America. Amplitude modulation. 2,373,737; Apr. 17.

Artzt, Maurice, Princeton, N. J., assignor to Radio Corporation of America. Synchronizing device. 2,383,360; Aug. 21.

Artzt, Maurice, Haddonfield, N. J. Facsimile apparatus. 2,391,765; Dec. 25.

Arundale, Erving: *See*—
Rosen, R., and Arundale, assignors.

Arundale, Erving, Colonia, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Preparation of glycols. 2,367,324; Jan. 16.

Arundale, Erving, Colonia, N. J., assignor to Standard Oil Development Company. Cyanometadioxanes. 2,384,268; Sept. 4.

Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Electrical deep well reciprocating pump assembly. 2,377,743; June 5.

Arveson, Maurice H.: *See*—
Becker, S. B., and Arveson.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,371,599; Mar. 20.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,372,165; Mar. 20.

Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,379,408; July 3.

Arvey Corporation: *See*—
Roach, Earl M., assignor.
Strauss, Charles, assignor.

Arvins, Nathan A., and A. A. Arvintz, Brooklyn, N. Y., assignors to Seal-O-Strain Corporation. Oil burner. 2,375,884; May 15.

Arvintz, Abraham A.: *See*—
Arvins, N. A., and Arvintz.

Asbill, Clarence M., Jr., New Orleans, La., and G. B. Hill, Falls Church, Va., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Cutting machine. 2,370,129; Feb. 27.

Asbill, Clarence M., Jr., La Grange, Ga., assignor to Monarch Mills, Union, S. C. Bobbin lifting apparatus. 2,381,482; Aug. 7.

Aschinger, William F., assignor to The Columbus Show Case Company, Columbus, Ohio. Joint construction. 2,371,493; Mar. 13.

Asea Electric Limited: *See*—
Baynes, Staunton, assignor.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,367,748; Jan. 23.

Ash, Charles S., Milford, Mich. Automotive vehicle wheel. 2,369,202; Feb. 13.

Ash, Charles S., Milford, Mich. Demountable tire tread. 2,369,768; Feb. 20.

Ash, Charles S., Milford, Mich. Dual wheel brake. 2,372,047; Mar. 20.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,381,857; Aug. 14.

Ash, Charles S., Milford, Mich. Dual wheeled vehicle. 2,386,030; Oct. 2.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,387,382; Oct. 23.

Ash, Charles S., Milford, Mich. Dual wheel assembly. 2,389,339; Nov. 20.

Ash, Charles S., Milford, Mich. Vehicle axle. 2,389,712; Nov. 27.

Ash, Roy C., Newtown, Geelong, Victoria, Australia, assignor to International Harvester Company. Stump-jump mechanism for agricultural implements. 2,379,779; July 3.

Ashcroft, Thomas W.: *See*—
Winkels, W. G., and Ashcroft.

Ashley, Kenneth D., Noroton, Conn., assignor to American Cyanamid Company, New York, N. Y. Neutralizing crude nitroguanidine. 2,384,446; Sept. 11.

Ashley, Kenneth D., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Producing granular adsorbent. 2,391,116; Dec. 18.

Ashley, Merwin F., Arlington, and T. J. Ryan, Marblehead, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Lasting shoes. 2,379,059; June 26.

Ashley, Roy: *See*—
Sutliffe, F. C., and Ashley.

Ashlock, George W., Jr., Oakland, Calif. Orientation of fruit. 2,387,709; Oct. 30.

Ashlock, George W., Jr., Oakland, Calif. Pitting machine. 2,388,814; Nov. 13.

Ashmusen, Christian, Kings Park, N. Y. Foldable article of furniture. 2,383,837; Aug. 28.

Ashton, Charles E., Stockton, Calif. Quick release attachment for parachute harness. 2,369,203; Feb. 13.

Ashton, Charles E., Stockton, Calif. Ball-bearing crankshaft and connecting rod assembly. 2,374,720; May 1.

Ashton, Charles E., Stockton, Calif. Parachute harness. 2,388,379; Nov. 6.

Ashton, Clifford: *See*—
Collins, J. N., and Ashton.

Ashton, Harold, assignor to National Broach & Machine Company, Detroit, Mich. Finishing gears. 2,380,208; July 10.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and machine for assembling and sewing moccasin type shoes. 2,366,703; Jan. 9.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Work support for shoe machines. 2,383,529; Aug. 28.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,388,244; Nov. 6.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,388,245; Nov. 6.

Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread controlling device for sewing machines. 2,389,124; Nov. 20.

Ashworth, Harry E., Penn Township, and S. B. Aylsworth, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Thermal relay. 2,371,018; Mar. 6.

Askania Regulator Company: *See*—
Glass, Paul, assignor.
Pray, Wilbur F., assignor.
Ziebolz, Herbert, assignor.

Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Ornamental wheel trim ring. 2,368,232; Jan. 30.

Aske, Irving E., Muskegon, Mich. Piston. 2,390,343; Dec. 4.

Askey, John S., Mount Lebanon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Molded cell for field coils. 2,381,245; Aug. 7.

Askin, Morris W., Philadelphia, Pa. Clamp device. 2,374,263; Apr. 24.

Askue, Albert R., Mentor, assignor to The Cleveland Trencher Company, Cleveland, Ohio. Conveyor. 2,375,065; May 1.

Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Hinge. 2,371,729; Mar. 20.

Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,375,339; May 8.

Aspenleiter, Joseph W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,389,116; Nov. 20.

Aspin, Frank M., Bury, England. Rotary valve for internal-combustion engines. 2,378,120; June 12.

Aspin, Frank M., Bury, England. Rotary valve for internal-combustion engines, compressors, and the like. 2,381,711; Aug. 7.

Aspin, Frank M., Bury, and F. Ellinghouse, Solihull, England. Cylinder liner and cylinder. 2,387,971; Oct. 30

Aspin, Frank M., Bury, England. Cylinder head of internal-combustion engines. 2,387,972; Oct. 30.

Aspin, Frank M., Bury, England. Internal-combustion engine. 2,387,973; Oct. 30.

Aspinook Corporation, The: *See*—
Ballou, Dona L., assignor.

Asplund, Arne J. A., Alsten, and J. W. Holst, assignors to Aktiebolaget Defibrator, Stockholm, Sweden. Making ligno-cellulose pulps from straw. 2,388,592; Nov. 6.

Assembled Products Co.: *See*—
Dank, Albert E., assignor.

Asset, Gabrielle, F. J. Curran, and W. P. Wills, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,368,093; Jan. 30.

Assets Realization Co.: *See*—
Steiner, L., and Settecasi, assignors.

Associated Oil Company, et al.: *See*—
Lazar, A., Ruedrich, and Frazier, assignors

Associated Patentees, Inc.: *See*—
Borton, Alwyn E., assignor.
Powers, Walter P., assignor.

Associated Research, Incorporated: *See*—
Morris, G. V., and Adler, assignors.

Associated Spring Corporation: *See*—
Wilcox, George G., assignor.

Astley, William F., Cicero, assignor to Union Asbestos & Rubber Company, Chicago, Ill. Apparatus for weaving insulating materials. 2,373,091; Apr. 10.

Åstradsson, Per A., Stockholm, Sweden. Combustion device for solid fuels rich in gases. 2,367,165; Jan. 9.

Astrup, William V.: *See*—
Young, F. M., and Astrup, assignors.

Atchison, Thomas C., Princeton, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Recovering magnesium compounds. 2,373,528; Apr. 10.

Atherton, Harold S.: *See*—
Richards, A. B., and Atherton.

Atherton, Herschel L.: *See*—
Sager, F. P., Bergmark, Ryan, and Atherton.

Atherton, Neil F., Wooddale, assignor to M. P. Heinze Machine Co., Chicago, Ill. Toy horse. 2,388,110; Oct. 30.

Athy, Clifford R., assignor, by mesne assignments, to The International Derrick & Equipment Company, Columbus, Ohio. Portable well-servicing apparatus. 2,379,333; June 26.

Atkin, Lawrence: *See*—
Schultz, A. S., Atkin, and Frey.

Atkins, Carl E., Oak Park, Ill., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Limiter circuit for frequency modulation receivers. 2,390,502; Dec. 11.

Atkins, Carl E., Evanston, Ill., assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Limiter circuit for frequency modulation receivers. 2,390,503; Dec. 11.

Atkins, Elmer M., Zion, Ill. Paint bucket holder. 2,367,256; Jan. 16.

Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,385,339; Sept. 25.

Atkins, George T., Jr., Highlands, Tex., assignor to Standard Oil Development Company. Alkylation of ethylene. 2,385,123; Sept. 18.

Atkins, Harry C., Cleveland Heights, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,367,655; Jan. 23.

Atkinson, Alan B., assignor to Standard Telephones and Cables Limited, London, England. Soldering iron. 2,383,699; Aug. 28.

Atkinson, Benjamin, Salt Lake City, Utah. Confection. 2,388,815; Nov. 13.

Atkinson, Cyril P., Baildon, assignor to Courtaulds Limited, London, England. Treatment of textile fabrics. 2,384,871; Sept. 18.

Atkinson, Earl B., Bay Village, Ohio. Support for wiring receptacles. 2,371,210; Mar. 13.

Atkinson, John F.: *See*—
Watkins, B. O., and Atkinson.

Atkinson, Joseph, London, England. Locating clamp or similar device. 2,375,746; May 15.

Atkinson, William B.: *See*—
Hanna, R. P., Atkinson, and Brahmer.

Atkinson, William T.: *See*—
Boyer, R. A., Atkinson, and Robinette.
Boyer, R. A., Crupi, and Atkinson.

Atlanta Paper Company: *See*—
Forrer, Homer W., assignor.

Atlanta Stove Works, Inc., The: *See*—
White, R. H., Hodgson, Jones, and White, assignors.

Atlantic Coast Fisheries Company, The: *See*—
Savrda, Charles M., assignor.
Taylor, Harden F., assignor.
Taylor, H. F., and Nedzvedsky, assignors.
Taylor, H. F., and Robinson, assignors.

Atlantic Refining Company, The: *See*—
Benke, Roy, assignor.
Griesinger, William K., assignor.
Leum, L. N., Birkhimer, and McCullough, assignors.
Leum, L. N. and Ciapetta, assignors.
Mann, Sydney, assignor.
Schreiber, William, assignor.
Thompson, Kenneth M., assignor.

Atlantic Research Associates, Inc.: *See*—
Atwood, Francis C., assignor.

Atlantic Service Company, Inc.: *See*—
Williams, Clarence R., assignor.

Atlas Bolt & Screw Company, The: *See*—
Schellentrager, Eugene W., assignor.

Atlas Electrotype & Stereotype Co.: *See*—
Spelker, Albert J., assignor.

Atlas Mineral Products Company of Pennsylvania, The: *See*—
Hecht, Myer H., assignor.

Atlas Powder Company: *See*—
Almy, Ernest G., assignor.
Brown, Kenneth R., assignor.
Carl, Marvin H., assignor.
Goepp, Rudolph M., Jr., assignor.
Griffin, William C., assignor.
Holst, William H., assignor.
Rolland, Guy F., assignor.
Sadtler, Robert E., assignor.
Soltzberg, Sol, assignor.
Soltzberg, Solomon, assignor.

Atlas Press Company: *See*—
Griffin, V. E., assignor.
Atlass, Alfred, New York, N. Y. Shoe tree. 2,381,419; Aug. 7.
Atlee, Zed J., Elmhurst, and J. C. Filmer, Wheaton, assignors to General Electric X-ray Corporation, Chicago, Ill. X-ray apparatus. 2,387,427; Oct. 23.
Atristain, Martha P., executrix: *See*—
Pimentel, Rafael.
Attapulgus Clay Company: *See*—
LaLande, William A., Jr., assignor.
Attari, Hatim: *See*—
Nussbaum, Leon, assignor.
Atti, Raphael, Cliffside Park, N. J. Mold cutting machine and the like. 2,379,419; July 3.
Attick, Purdy E., Chicago, Ill. Height-measuring device. 2,381,428; Aug. 7.
Attridge, Richard B., Los Angeles, Calif. Mounting means for rotatable disks. 2,386,082; Oct. 2.
Attwood, Charles W., Wayne, Mich. Table. 2,380,379; July 31.
Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,379,334; June 26.
Atwell, Harold V., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,389,713; Nov. 27.
Atwell, Thomas C., assignor to Floridin Company, Warren, Pa. Filter powder. 2,390,490; Dec. 11.
Atwood, Francis C., Newton, Mass., assignor, by mesne assignments, to National Dairy Products Corporation, New York, N. Y. Spinnerette. 2,370,765; Mar. 6.
Atwood, Francis C., Newton, assignor to Atlantic Research Associates, Inc., Newtonville, Mass. Method and apparatus for manufacturing ketene. 2,376,748; May 22.
Atwood, Francis C., assignor to Atlantic Research Associates, Inc., Newtonville, Mass. Protein sheet material and making the same. 2,389,605; Nov. 27.
Atwood, Harry G., Peoria, Ill. Clarify or chillproof whisky. 2,367,557; Jan. 16.
Atwood, Harry N., Mellen, Wis. Sheet material. 2,373,738; Apr. 17.
Atwood Machine Company: *See*—
Winslow, A. E.
Winslow, Albert E., assignor.
Atwood, Rawson, New York, assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Textile spool. 2,377,919; June 12.
Atwood, Rawson, New York, assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Textile spool. 2,377,920; June 12.
Atwood, Robert V.: *See*—
Harmon, K. A., and Atwood.
Atwood Vacuum Machine Company, The: *See*—
Miller, Kay, assignor.
Aubert, Fred B., Grosse Pointe, Mich. Control device. 2,386,648; Oct. 9.
Auble, Robert N., Indianapolis, Ind. Tension control, stop mechanism, and warning signal for knitting machines. 2,383,838; Aug. 28.
Audrieth, Ludwig F., Dover, N. J., assignor to Hercules Powder Company, Wilmington, Del. Rosin reaction product and preparation. 2,374,969; May 1.
Audubon Wire Cloth Corporation: *See*—
Guba, Raymond J., assignor.
Auer, Frederick G.: *See*—
Crane, E. V., and Auer.
Auer, George A., Chicago, Ill. Streamcurrent apparatus for handling solutions and suspensions. 2,386,419; Oct. 9.
Auer, Laszlo, South Orange, and A. F. Ray, Hawthorne, assignors to Ridbo Laboratories, Inc., Paterson, N. J. Water-in-oil emulsions. 2,372,756; Apr. 3.
Auer, László, South Orange, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Rosin modification 2,380,141; July 10.
Auer, László, South Orange, N. J. Preparation of chlorinated rubber compositions. 2,382,529; Aug. 14.
Auer, László, South Orange, N. J. Manufacture of soaps. 2,382,530; Aug. 14.
Auer, László, South Orange, N. J. Soap manufacture. 2,382,531; Aug. 14.
Auer, László, South Orange, N. J. Vulcanized fatty oil emulsions. 2,382,532; Aug. 14.
Auer, László, South Orange, N. J. Oil in water dispersions. 2,382,533; Aug. 14.
Auer, László, South Orange, N. J.. Modification of rosin. 2,384,061; Sept. 4.
Auer, László, South Orange, N. J. Modifying rosin. 2,384,062; Sept. 4.
Auer, László, South Orange, N. J. Amine treatment of rosin. 2,384,063; Sept. 4.
Auer, László, South Orange, N. J. Treatment of rosin with amines. 2,384,064; Sept. 4.
Auerbach, Morris E., Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antimalarial and making the same. 2,383,458; Aug. 28.
Auerbach, Zemach, New York, N. Y., assignor to Zeechar Corporation. Razor blade carrier. 2,367,084; Jan. 9.
Auerbach, Zemach, New York, N. Y. Razor blade. 2,386,180; Oct. 9.
Aufderhar, Arthur W.: *See*—
Groene, W. F., and Aufderhar.
Aufiero, John R., Brooklyn, N. Y. Sighting device. 2,377,064. May 29.
Aufiero, John R., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Lamp. 2,390,634; Dec. 11.
August, Nathan, Jr., Newark, N. J. Binder. 2,386,083; Oct. 2.
Augustine, Lee, assignor to The Printing Machinery Co., Cincinnati, Ohio. Printing plate holder. 2,370,117; Feb. 27.
Augustine, Winfield J.: *See*—
Tudon, W., and Augustine.
Auld, D. L., Company, The: *See*—
Hyatt, Raymond D., assignor.
Aulin, Evert, Lidingo, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Stabilizing arrangement for control pendulums. 2,366,995; Jan. 9.
Ault, Waldo C.: *See*—
Cowan, J. C., and Ault.
Ault, Waldo C., Peoria, Ill., assignor to The United Gas Improvement Company. Catalytic polymers from high boiling unsaturated products of petroleum pyrolysis. 2,387,237; Oct. 23.
Aupperle, William C., Runnemede, N. J. Kiddy car. 2,369,934; Feb. 20.
Aurbach, Kurt, Bielefeld, Germany; vested in the Alien Property Custodian. Printing mechanism for bookkeeping machines. 2,368,627; Feb. 6.
Aurbach, Kurt, Bielefeld, Germany; vested in the Alien Property Custodian. Bookkeeping machine. 2,387,554; Oct. 23.
Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Clasp brake. 2,385,909; Oct. 2.
Ausherman, Harry S., Wichita, Kans. Feeding mechanism for threshing combines. 2,390,680; Dec. 11.
Ausland, Karsten G., City Island, N. Y. Planking set. 2,371,730; Mar. 20.
Aust, Benjamin C., Sioux City, Iowa. Valve grinder. 2,373,283; Apr. 10.
Austenal Laboratories, Inc.: *See*—
Collins, Paul F., assignor.
Merrick, Albert W., assignor.
Austin, Bascum O., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulator. 2,384,786; Sept. 18.
Austin, Chester R.: *See*—
Pavlish, A. E., and Austin.
Austin, Chester R., and G. H. Duncombe, Jr., assignors, by mesne assignments, to Davidson Enamel Products, Inc., Lima, Ohio. Making sheet metal building units. 2,371,124; Mar. 13.
Austin, Chester R., and J. D. Sullivan, assignors to Battelle Memorial Institute, Columbus, Ohio. Selenium ruby glass. 2,382,282; Aug. 14.
Austin, Edwin C., trustee, et al.: *See*—
Geiger, William A., assignor.
Austin, Edwin C., et al., trustees: *See*—
Gieger, William A., assignor.
Austin, Ellsworth W., assignor to La Plant-Choate Mfg. Co., Inc., Cedar Rapids, Iowa. Excavator. 2,380,285; July 10.
Austin, Ernest C., Los Angeles, Calif. Fastening device. 2,389,479; Nov. 20.
Austin, George L., Seattle, Wash. Hand truck. 2,381,858; Aug. 14.
Austin, James E., North Hollywood, Calif. Hose clamp. 2,370,766; Mar. 6.
Austin, Jonathan R., and W. G. Smith, Dayton, and G. R. Oscar, West Milton, Ohio. Trunnion mount for machine guns. 2,366,704; Jan. 9.
Austin, Kirby B., Bridgeport, Conn., assignor to General Electric Company. Antenna selector switch. 2,376,649; May 22.
Austin, Kirby B., and G. G. Young, Bridgeport, Conn., assignors to General Electric Company. Variable selectivity amplifier. 2,390,768; Dec. 11.
Austin, Kirby B., Bridgeport, Conn., assignor to General Electric Company. Mounting means. 2,391,668; Dec. 25.
Austin, Merritt B., Jr., Winnetka, Ill. Outlet box. 2,378,529; June 19.
Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins obtained from a polyvinyl acetal and secondary diarylamines. 2,371,943; Mar. 20.
Auten, Claude I., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Prefabricated metal house construction. 2,387,229; Oct. 23.
Auto Research Corporation: *See*—
Kocher, Edward H., assignor.
Auto Specialties Manufacturing Company: *See*—
Mueller, Joseph J., assignor.
Autocall Company, The: *See*—
Harrington, J. R., and Merrill, assignors.
Autogiro Company of America: *See*—
Anderson, Robert G., assignor.
Campbell, Harris S., assignor.
De la Cierva, Juan, assignor.
Prewitt, Richard H., assignor.
Stanley, Paul H., assignor.
Synnestvedt, Kenneth P., assignor.
Upson, Ralph H., assignor.
Autographic Register Company: *See*—
Camps, Edmund P., assignor.

Automatic Burner Corporation: *See*—
Fortis, Oscar, assignor.
Automatic Canteen Company of America: *See*—
Carlson, John W., assignor.
Doggett, Leo W., assignor.
Richmond, W. E., and Schultz, assignors.
Thompson, E. H., and Doggett, assignors.
Automatic Control Corporation: *See*—
Bower, George D., assignor.
Automatic Electric Laboratories, Inc.: *See*—
Baker, George T., assignor.
Bakker, Pier, assignor.
Balzer, Harvey W., assignor.
Beltrami, Vittorio, assignor.
Burgener, Karl L., assignor.
Dimmer, Robert P., assignor.
Frydman, Emanuel, assignor.
Giannini, Gabriel M., assignor.
Gillings, C., and Beale, assignors.
Gillings, C. and Cowley, assignors.
Grandstaff, Otho D., assignor.
Griffins, M. E., and Molnar, assignors.
Grimes, Harlan E., assignor.
Hadfield, Bertram M., assignor.
Herrick, Roswell H., assignor.
Horlacher, Albert F., assignor.
Jones, C. E. P., and Hotham, assignors.
Lomax, Clarence E., assignor.
Lomax, C. E., and Bakker, assignors.
Mahoney, Harry P., assignor.
McCreary, Harold J., assignor.
McLoughlin, George H., assignor.
Molnar, Imre, assignor.
Newstedt, Harry N., assignor.
Obergfell, Herbert F., assignor.
Ostline, John E., assignor.
Peterson, Edward S., assignor.
Rayner, T. R., and Burns, assignors.
Riebe, Theodore C., assignor.
Smith, Howard H., assignor.
Taylor, R., and Baker, assignors.
Wicks, J., and Balzer, assignors.
Williams, Ralph T., assignor.
Willis, Bernard D., assignor.
Woodruff, Albert E., assignor.
Automatic Equipment Manufacturing Company: *See*—
Heese, Fred L., assignor.
Automatic Instrument Company: *See*—
Andres, Lloyd J., assignor.
Automatic Products Company: *See*—
Johnson, R. W., and McCarty, assignors.
Johnson, R. W., and Miller, assignors.
Johnson, R. W., and Zarwell, assignors.
Kuntz, Baldwin, assignor.
McCarty, Lourdes V., assignor.
Pawelsky, Vernon R., assignor.
Pawelsky, V. R., and Heiser, assignors.
Automatic Safety Wringer Company: *See*—
Williams, Charles B., assignor.
Williams, C. B., and Kaestner, assignors.
Automatic Shifters, Inc.: *See*—
Ingres, Jeannot G., assignor.
"Automatic" Sprinkler Company of America: *See*—
Rider, Harry N., assignor.
Wood, Clyde M., and Jones, assignors.
Automatic Telegraph and Radio Tranceiver Company Limited, The.: *See*—
Brain, Harry E., assignor.
Automatic Telephone & Electric Company: *See*—
Murray, Lawrence J., assignor.
Automatic Telephone & Electric Company Limited: *See*—
Cannon, James R., assignor.
Corner, Arthur C., assignor.
Automatic Temperature Control Co., Inc.: *See*—
Hunt, Walter L., assignor.
Automatic Turbine Drive Company, Inc.: *See*—
Popper, Charles, assignor.
Snyder, Raymond R., assignor.
Automatik Venetian Hardware Corporation: *See*—
Cohn, Harold J., assignor.
Automotive Engineering Company Limited, The: *See*—
Nicolle, Arthur V., assignor.
White, Percy, assignor.
Automotive Maintenance Machinery Co.: *See*—
Mitchell, Wallace F., assignor.
Automotive Products Company Limited: *See*—
Brock, William H. J., assignor.
Chouings, Leslie C., assignor.
Eves, Frederick S., assignor.
Foster, Sidney, assignor.
Gates, Geoffrey R. G., assignor.
Simpson, John K., assignor.
Waters, Charles D., assignor.
Automotive Products, Inc.: *See*—
Schier, Adolph J., assignor.
Autophon Aktiengesellschaft: *See*—
Tschumi, Otto, assignor.
Autoxygen, Inc.: *See*—
Jacobs, Joseph J., assignor.
Autoyre Company, Incorporated, The: *See*—
Murphy, J. J., and Reisinger, assignors.
Sanford, Roy S., assignor.
Autrey, Cecil M., Newton, Tex., assignor of fifty per cent to J. J. Armstrong, Schenectady, N. Y. Adjustable screed. 2,373,284; Apr. 10.
Autry, James A.: *See*—
Compton, H. P., and Autry.
Autry, James A., et al.: *See*—
Compton, Henry P., assignor.
Auxier, Robert W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phenolic resin embodying glass fibers. 2,372,048; Mar. 20.
Auxier, Robert W., Pittsburgh 21, and W. C. Weltman, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stabilizing phenolic resins. 2,383,283; Aug. 21.
Auzin, John M., Warwick, R. I., assignor to Davol Rubber Company. Adhesion preventing agent for catheters and the like. 2,390,070; Dec. 4.
Avallone, Samuel C., Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Galvanizing methods. 2,378,458; June 19.
Aveco, Incorporated: *See*—
Kellogg, W. D., and Fradenburgh, assignors.
Avedikian, Souren Z.: *See*—
Pizzirani, D. A., Gould, and Avedikian.
Avens, Alfred W.: *See*—
Pearce, G. W., and Avens.
Averill, George R., Birmingham, Mich. Eraser mounting for pencils. 2,370,831; Mar. 6.
Averitt, Raymond E., Albany, Ga. Agricultural implement. 2,384,522; Sept. 11.
Avers, Franklin H., and E. C. Krebs, Portage, Wis., assignors to G. P. Krebs, as trustee. Stereoscopic photography. 2,385,183; Sept. 18.
Avery, Dallas B., Capac, Mich. Semitrailer steering mechanism. 2,389,752; Nov. 27.
Avery, Harold T.: *See*—
Dustin, H. M., and Avery.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Carriage shift control mechanism. 2,366,429; Jan. 2.
Avery, Harold T., Oakland, Calif. Helicopter. 2,369,652; Feb. 20.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Carriage shift mechanism. 2,376,954; May 29.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Selective ratio transmission for driving calculating machine actuators. 2,377,065; May 29.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Actuating mechanism for registers. 2,387,870; Oct. 30.
Avery, Harold T., and T. H. Lassagne, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,390,041; Dec. 4.
Avery, Ray S., Los Angeles, Calif. Applying labels. 2,367,189; Jan. 16.
Avery, Ray S., Los Angeles, Calif. Label dispenser. 2,372,245; Mar. 27.
Avery, Ray S., Los Angeles, Calif. Label and tape dispensing machine. 2,373,092; Apr. 10.
Avery, Ray S., Los Angeles, Calif. Making pressure sensitive labels. 2,391,539; Dec. 25.
Avery, Robert C., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Automatic coin return system. 2,275,066; May 1.
Avery, Robert C., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Revertive pulse repeater. 2,383,759; Aug. 28.
Avey Drilling Machine Company, The: *See*—
McKee, George K., assignor.
McKee, G. K., and Tcimpidis, assignors.
Aviation Corporation, The: *See*—
Adels, Sidney, assignor.
Reiber, Harry P., assignor.
Lawler, J. A., and Hoffman, assignors.
Aviation Developments Limited: *See*—
Bettington, Egerton M., assignor.
Johnson, Stanley T., assignor.
Aviation Research and Development Corporation: *See*—
Raspet, August, assignor.
Avigdor, Rifat, Toronto, Ontario, Canada. Diaphragm controlled operating unit. 2,376,892; May 29.
Avis, Harriette M., administratrix: *See*—
Avis, Samuel W.
Avis, Samuel W., deceased, late of Wellesley, Mass., by Harriette M. Avis, administratrix, Wellesley, assignor to The Reece Button Hole Machine Company, Boston, Mass. 2,391,378; Dec. 25.
Avram, M. H.: *See*—
Kecskeméti, Ladislaus, assignor.
Axberg, Arthur H., Bayside, N. Y. Carton. 2,390,412; Dec. 4.
Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Sash opening and closing mechanism. 2,385,676; Sept. 25.
Axe, William N.: *See*—
Schulze, W. A., and Axe.
Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,370,118; Feb. 27.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of boron halides. 2,377,396; June 5.

Axe, William N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Boron fluoride recovery process. 2,378,968; June 26.

Axelrod, Solomon, Bronx, N. Y. Garment protecting hanger. 2,380,375; July 31.

Axelson Manufacturing Co.: *See*—
Williams, Glynn H., assignor.

Axt, Mojzesz O., assignor to F. W. Berk and Company Limited, London, England. Production of zirconia. 2,384,428; Sept. 11.

Ayala, Pedro, and A. Ballesteros, McAllen, Tex. Gas heated sad iron. 2,377,856; June 12.

Aycock, Mart, Berkeley, Calif. Filter for coffee makers. 2,366,951; Jan. 9.

Ayers, Allyn L., Oakland, Calif. Tandem axle vehicle. 2,390,912; Dec. 11.

Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Terminal connector. 2,381,331; Aug. 7.

Ayers, Edgar H., and A. G. Elmendorf, Schenectady, N. Y., assignors to General Electric Company. Electric switch. 2,390,344; Dec. 4.

Ayers, Fred L., Watertown, Mass. Innersole. 2,368,439; Jan. 30.

Ayers, Fred L., Watertown, Mass. Innersole. 2,387,710; Oct. 30.

Ayers, Fred L., Waltham, Mass. Inner sole and making the same. 2,391,217; Dec.18.

Ayers, Frederick P., Barnstaple, North Devon, England. Tunneling method. 2,385,251; Sept. 18.

Ayers, George W., Jr., Chicago, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing weakly acidic bodies from hydrocarbon oils. 2,373,004; Apr. 3.

Ayers, George W., Chicago, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing mercaptans from hydrocarbon oil. 2,381,859; Aug. 14.

Ayerst, McKenna & Harrison Limited: *See*—
Strean, Lyon P., assignor.

Ayerst, McKenna & Harrison (United States) Limited: *See*—
Strean, Lyon P., assignor.

Aylsworth, Selden B.: *See*—
Ashworth, H. E., and Aylsworth.

Ayoub, Joseph A., San Francisco, Calif. Garment construction. 2,386,768; Oct. 16.

Ayres, Charles E., Phillips, Tex., assignor to Phillips Petroleum Company. Production of butadiene. 2,391,117; Dec. 18.

Ayres, Ralph C., assignor to Transcontinental & Western Air, Inc., Kansas City, Mo. Removing static charge from moving bodies. 2,386,084; Oct. 2.

Ayres, Waldemar A., Elmhurst, assignor to International Business Machines Corporation, New York, N. Y. Record sensing device. 2,366,827; Jan. 9.

Ayres, Waldemar A., Kew Gardens Hills, assignor to International Business Machines Corporation, New York, N. Y. Recording machine. 2,375,271; May 8.

Ayres, Waldemar A., Kew Gardens, assignor to International Business Machines Corporation, New York, N. Y. Printing machine. 2,390,413; Dec. 4.

Ayres, Waldemar A., Flushing, assignor to The Lionel Corporation, New York, N. Y. Toy. 2,383,232; Aug. 21.

Ayres, Waldemar A., Kew Gardens, N. Y., and R. E. Page, West Orange, N. J., assignors to International Business Machines Corporation, New York, N. Y. Stenographic machine. 2,390,414; Dec. 4.

Azbe, Victor J., Webster Groves, Mo. Calcining apparatus. 2,370,281; Feb. 27.

Azpiazu, Norberta C. R., Habana, Cuba. Container. 2,373,444; Apr. 10.

Azzara, Santo, New York, assignor of fifty per cent to A. Geller Shoe Manufacturing Co. Inc., Brooklyn, N. Y. Folding machine. 2,378,277; June 12.

B. B. Chemical Co.: *See*—
Gregory, Frank S., Jr., assignor.
Griswold, Stanley M., assignor.
Macdonald, Alexander D., assignor.
Macdonald, A. D., and Rishton, assignors.
Teppema, J., and Manning, assignors.
Tetlow, Max W., assignor.

B & E Art Metals, Inc.: *See*—
Burgett, Neal J., assignor.

B. F. B. Engineers, Incorporated: *See*—
Buchet, Conrad R., assignor.

B. L. Electric Company: *See*—
Rau, D., and Peters, assignors.

Baade, Henry, assignor to Bendix Aviation Corporation, South Bend, Ind. Power steering mechanism. 2,385,485; Sept. 25.

Baade, William W., New York, N. Y. Dental impression band removing tool. 2,375,512; May 8.

Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure transfer device. 2,369,707; Feb. 20.

Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch. 2,371,669; Mar. 20.

Baar & Beards, Inc.: *See*—
Nufer, Jacob, assignor.

Baash, Lawrence F.: *See*—
Driscoll, Dennis L., assignor.

Babb, Charles L., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. High pressure centrifugal pump. 2,389,753; Nov. 27.

Babcock, Gordon M.: *See*—
Rethwisch, F. B., and Babcock.

Babcock, Gordon M., F. B. Rethwisch, and V. E. Furnas, Louisville, Ky., assignors to Reynolds Metals Company, Richmond, Va. Chemical heating container. 2,384,720; Sept. 11.

Babcock, Leon W., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of propellant powder. 2,370,130; Feb. 27.

Babcock, Lloyd L.: *See*—
Bishop, J. O., and Babcock.

Babcock, Roger S., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe nozzle. 2,376,413; May 22.

Babcock, Roger S., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe nozzle. 2,380.570; July 31.

Babcock, Sidney H., Jr., Detroit, Mich., assignor to The Regents of the University of California. Production of pantothenic acid. 2,375,885; May 15.

Babcock, Sidney H., Jr., and B. R. Baker, Davis, Calif., assignors to The Regents of the University of California. Synthesis of beta-alanine. 2,376,334; May 22.

Babcock & Wilcox Company, The: *See*—
Amernethy, John, assignor.
Arnold, Thomas H., assignor.
Bailey, E. G., and Ebersole, assignors.
Daniels, George H., assignor.
Ebbets, George D., assignor.
Ebersole, George B., assignor.
Fletcher, James, assignor.
Gay, Cecil H., assignor.
Hardgrove, Ralph M., assignor.
Harvey, J. F., and Hermandorfer, assignors.
Hubbard, Norman, assignor.
Jacobs, John H., assignor.
Kessler, George W., assignor.
Kooistra, Lambert, assignor.
Maxwell, Carl A., assignor.
Norton, Charles L., Jr., assignor.
Poole, Arthur J., assignor.
Schoessow, Earl E., assignor.
Shellenberger, R., and Gilg, assignors.
Trainer, James E., assignor.
Wilson, E. F., and Oberg, assignors.

Babel, Byron A., Highland, Calif. Vending machine. 2,382,197; Aug. 14.

Babel, Byron A., Highland, Calif. Tooth brush. 2,386,085; Oct. 2.

Babicz, George, Chicago, Ill. Device for regulating pressure in machine rollers. 2,381,712; Aug. 7.

Babicz, George, Chicago, Ill. Paper elevating device for printing machines. 2,381,713; Aug. 7.

Babson Bros. Co.: *See*—
Babson, H. B., and Stampen, assignors.

Babson, Henry B., Chicago, and J. J. Stampen, Hollywood, assignors, by mesne assignments, to Babson Bros. Co., Chicago, Ill. Milking parlor. Re. 22,657; Aug. 7.

Bach, Henry M., Lawrence, assignors to Premier Crystal Laboratories, Inc., New York, N. Y. Piezo-crystal device. 2,390,048; Dec. 4.

Bach, William F., Cleveland Heights, Ohio. Pipe hanger system. 2,375,513; May 8.

Bacheldor, Newell G., Akron, Ohio. Article holder. 2,379,060; June 26.

Bacher, Frederick A.: *See*—
Trenner, N. R., and Bacher.

Bachman, Charles H., Scotia, and J. T. Tschopp, Schenectady, N. Y., assignors to General Electric Company. Positioning means. 2,380,209; July 10.

Bachman, Fred E.: *See*—
Light, D. M., and Bachman.

Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Brake head balancing and attaching means. 2,380,376; July 31.

Bachman, William S., Fairfield, Conn., assignor to General Electric Company. Hum reducing system. 2,366,471; Jan. 2.

Bachman, William S., Fairfield, Conn., assignor to General Electric Company. Tone and volume control means. 2,377,121; May 29.

Bachmann Brothers, Inc.: *See*—
Crowther, Bayard H., assignor.

Back, Franz G., assignor to Helix Gage Works, New York, N. Y. Testing device. 2,381,634; Aug. 7.

Back, Franz G., New York, N. Y., assignor to Gastro-Photor Laboratories Corp. Illuminating arrangement. 2,391,611; Dec. 25.

Back, M. F., et al., trustees: *See*—
Geiger, William A., assignor.

Back, M. F., trustee, et al.: *See*—
Geiger, William A., assignor.

Backer, Christian B., Belmont, Mass. Electric boiling plate. 2,370,767; Mar. 6.

Backlin, Carl: *See*—
Schwabe, Joseph L., Jr., assignor.

Backlin, Clarence R., Floral Park North, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Thread control device for sewing machines. 2,386,678; Oct. 9.

Backlin, Clarence R., Floral Park North, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Thread take-up device. 2,390,681; Dec. 11.

Backofen, Ryan, Battle Creek, and R. Lapsley, Berrien Springs, assignors to Clark Equipment Company, Buchanan, Mich. Pump. 2,373,642; Apr. 17.

Backoff, William J.: *See*—
Ross, W. B., Backoff, and Williams.
Williams, N. D., and Backoff.

Backstay Welt Company: *See*—
Clark, Stewart H., assignor.

Bacon, Alfons R.: *See*—
Berkman, B., Bacon, and Weber.

Bacon, David L., North Haven, S. P. Caldwell, Hamden, and W. L. Barmmer, Stratford, assignors to The Greist Manufacturing Company, New Haven, Conn. Sewing machine attachment. 2,374,721; May 1.

Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Covering for worsted type spinning rolls. 2,369,635; Feb. 20.

Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Method and apparatus for molding loop pickers. 2,369,636; Feb. 20.

Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Spinning roll cover. 2,386,583; Oct. 9.

Bacon, Henry S., West Roxbury, Mass. Cable entrenching machine. 2,373,652; Apr. 17.

Bacon, Leslie R.: *See*—
Wegst, W. F., McNabney, and Bacon.

Bacon, Louis: *See*—
Yarmolowich, William C., assignor.

Bacon, Reginald G. R., and W. J. R. Evans, Manchester, England, assignors to Imperial Chemical Industries Limited. Chlorinating polymeric materials. 2,379,409; July 3.

Bacon, Reginald G. R., Manchester, and R. B. Richards, Northwich, England, assignors to Imperial Chemical Industries Limited. Polymerization and interpolymerization of ethylene. 2,391,218; Dec. 18.

Bacon, Thomas P., Oakland, Calif. Tire repair vulcanizer. 2,366,308; Jan. 2.

Bacon, Thomas P., Jr., Oakland, Calif. Inside curing rim. 2,372,246; Mar. 27.

Bacon, Thomas P., Oakland, Calif. Tire mold. 2,372,644; Apr. 3.

Bacon, Thomas P., Jr., Oakland, Calif. Tire vulcanizing apparatus. 2,380,380; July 31.

Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic telegraph transmitter system. 2,369,935; Feb. 20.

Bacon, Walter M., and F. S. Kinkead, deceased, by R. S. Kinkead, administratrix, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,374,264; Apr. 24.

Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,376,111; May 15.

Bacon, Walter M., F. S. Kinkead, New York, and J. A. Krecek, New Rochelle, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,381,871; Aug. 14.

Baczewski, Alexander, New York, N. Y. Stencil. 2,385,562; Sept. 25.

Badeau, Reid G., Wausau, Wis. Strip shingle construction. 2,390,682; Dec. 11.

Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,367,558; Jan. 16.

Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,367,559; Jan. 16.

Badenhausen, John P., Philadelphia, Pa. System for generating steam. 2,384,587; Sept. 11.

Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,384,588; Sept. 11.

Badertscher, Darwin E.: *See*—
Daley, H. G., Crowley, Badertscher, and Coonradt.
Frank, F. C., Badertscher, and Berger.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Pennsgrove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,769; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Pennsgrove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,771; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Pennsgrove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,772; Oct. 16.

Badertscher, Darwin E., Woodbury, D. J. Crowley, Pennsgrove, and C. F. Feasley, Thorofare, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separation of tertiary base olefins from hydrocarbon mixtures. 2,386,773; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Penns Grove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,386,774; Oct. 16.

Badertscher, Darwin E., Woodbury, N. J., H. L. Coonradt, Camp Lee, Va., and D. J. Crowley, Penns Grove, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Separating hydrocarbons and making mercaptans. 2,387,224; Oct. 16.

Badertscher, Darwin E., R. H. Williams, and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agent therefor. 2,373,286; Apr. 10.

Badger Carton Co.: *See*—
Groth, A., and Hanauer, assignors.

Badger, E. B., & Sons Co.: *See*—
Rousseau, William C., assignor.

Badger, Harry M., and O. M. Anderson, assignors to Landers, Frary & Clark, New Britain, Conn. Nested food carrying equipment. 2,371,578; Mar. 13.

Badger Meter Manufacturing Company: *See*—
Kreuger, Emil M., assignor.

Badgley, Laurie C., Springfield, Ill. Spring dog assembly and the like. 2,368,737; Feb. 6.

Badgley, Laurie C., Springfield, Ill. Jet type pump. 2,371,019; Mar. 6.

Badin, Fred F., Buffalo, N. Y. Bed. 2,374,641; May 1.

Badmaieff, Alexis, Indianapolis, Ind., assignor to Radio Corporation of America. Balanced frequency modulation system. 2,371,373; Mar. 13.

Badmaieff, Alexis, Indianapolis, Ind., assignor to Radio Corporation of America. Push-pull sound reproducing method and system. 2,385,324; Sept. 25.

Badrutt, Hans, Detroit, Mich. Airplane propeller. 2,367,190; Jan. 16.

Baehr, Julius, Beverly Hills, Calif. Sandal. 2,368,514; Jan. 30.

Baer, Carl A., New York, N. Y. Container. 2,373,285; Apr. 10.

Baer, Georges, Paudex-Lausanne, Switzerland. Camera objective holder mount. 2,383,439; Aug. 28.

Baer, Howard E., Garfield, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft protective system. 2,389,754; Nov. 27.

Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Drying raw organic materials. 2,391,441; Dec. 25.

Baer, Josef, Washington County, assignor to Electric Steel Foundry, Portland, Oreg. Excavating tooth. 2,385,395; Sept. 25.

Baerwald, Francis K., Berkeley, assignor to Rosenberg Bros. & Co., San Francisco, Calif. Food preservation method. 2,370,768; Mar. 6.

Baerwald, Hans G., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 2,373,445; Apr. 10.

Bafin, George, Los Angeles, Calif. Abrasive block. 2,371,374; Mar. 13.

Bagan, John P., Portland, assignor of one-third to A. R. Wanezek, Marshfield, Oreg. Spiral tiller. 2,379,469; July 3.

Baggott, Edmund W., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Links and ornamental fabric therefrom. 2,381,860; Aug. 14.

Bagley, Glen D., Lewiston, N. Y., assignor to Electro Metallurgical Company. Apparatus for producing magnesium. 2,386,189; Oct. 9.

Bagley, Harold R., Tile Hill, Coventry, assignor to A. C. Wickman Limited, Coventry, England. Clutch controlled power transmission mechanism for machine tools. 2,370,282; Feb. 27.

Bagley, Harold R., Tile Hill, Coventry, assignor to A. C. Wickman Limited, Coventry, England. Control mechanism for fluid operated parts of machine tools. 2,388,460; Nov. 6.

Bagley and Sewall Company, The: *See*—
Helin, Francis A., assignor.

Bagley, William H., Jr., assignor to Development Engineering Company, Detroit, Mich. Explosive material. 2,369,517; Feb. 13.

Bagnall, Edwin, Chicago, Ill. Stabilizer. 2,366,472; Jan. 2.

Bagnall, Edwin, Minneapolis, Minn. Bed warmer. 2,378,821; June 19.

Bagnall, Edwin, Chicago, Ill. Stabilizer. 2,389,017; Nov. 13.

Bagpak, Inc.: *See*—
Hurrey, Ross C., assignor.

Bagshaw, Charles M.: *See*—
Ricks, F., and Bagshaw.

Bagwell, Hardy L., Ware Shoals, S. C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,391,379; Dec. 25.

Bahn, Carl E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens spacing fixture. 2,381,098; Aug. 7.

Bahner, Carl T., Jefferson City, Tenn. Ethers of primary nitroalkanes and preparing them. 2,391,815; Dec. 25.

Bahney, Luther W., Elizabeth, N. J., and A. H. Horswell, Jackson Heights, N. Y., assignors to Scovill Manufacturing Company, Waterbury, Conn. Metallurgical apparatus. 2,369,272; Feb. 13.

Bahnson, Agnew H., Jr., Winston-Salem, N. C. Atomizer. 2,382,124; Aug. 14.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Shaving machine. 2,373,370; Apr. 10.
Bailar, Charles O., Menasha, Wis., assignor to Marathon Corporation. Package. 2,368,797; Feb. 6.
Bailenson, Louis, Brooklyn, N. Y. Spray tube attachment for dental instruments. 2,369,880; Feb. 20.
Bailey, Carl G., Staunton, Va. Pie pan lifter. 2,367,991; Jan. 23.
Bailey, Carrol A., Woodland, Calif. Measuring device. 2,386,181; Oct. 9.
Bailey, Clifton C., Ashland, Ohio. Emergency vehicle wheel. 2,372,049; Mar. 20.
Bailey, Delbert F., Toronto, Ontario, Canada. Vehicle spring suspension. 2,387,732; Oct. 30.
Bailey, Donald C., Christchurch, England. Construction of bridges and other metal frame structures. 2,376,023; May 15.
Bailey, Erwin G., Easton, Pa., and G. B. Ebersole, Akron, Ohio, assignors to The Babcock & Wilcox Company, Rockleigh, N. J. Pulverizer. 2,378,681; June 19.
Bailey, Frank A., and G. A. Miller, assignors to The DeVilbiss Company, Toledo, Ohio. Spray coating apparatus. 2,388,517; Nov. 6.
Bailey, Grant C., and J. A. Reid, Bartlesville, Okla., assignors to Phillips Petroleum Company. Purification process. 2,378,969; June 26.
Bailey, Grant C., and J. A. Reid, assignors to Phillips Petroleum Company. Catalytic polymerization of olefins. 2,381,198; Aug. 7.
Bailey, Herbert S., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preparation of pectin. 2,387,635; Oct. 23.
Bailey, Herbert S., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preparation of pectin. 2,387,636; Oct. 23.
Bailey, James, West Hartford, assignor to Plax Corporation, Hartford, Conn. Apparatus for conditioning plastic material. 2,373,939; Apr. 17.
Bailey, Joyce R., et al.: *See*—
Walker, Thomas G., assignor.
Bailey, Lawrence H.: *See*—
Stokes, F. J., Jr., and Bailey.
Bailey, Leon M., Nutley, N. J., assignor to Palmer-Bee Company, Detroit, Mich. Selective conveyer. 2,377,848; June 12.
Bailey, Lothrop H., Penn Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Jolly balance. 2,387,489; Oct. 23.
Bailey Meter Company: *See*—
Johnson, Clarence, assignor.
Bailey, Ralph E., and A. C. Tricker, Portland, Oreg. Tube splicer. 2,367,191; Jan. 16.
Bailey, Theodore, Habana, Cuba. Measuring device. 2,385,677; Sept. 25.
Bailey, William A., Jr., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion of hydrocarbon oils. 2,375,725; May 8.
Bailey, William A., Jr., Oakland, assignor to Shell Development Company, San Francisco, Calif. Process and catalyst for the conversion of hydrocarbons. 2,377,744; June 5.
Bailey, William A., Jr., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Catalytic cracking of petroleum oils. 2,385,325; Sept. 25.
Bailey, William A., Jr., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Catalytic treatment of hydrocarbon oils. 2,385,326; Sept. 25.
Bailey, William J., Packanack Lake, N. J., and C. E. Whiteman, Richmond Hill, assignors to International Business Machines Corporation, New York, N. Y. Record controlled annunciator. 2,390,415; Dec. 4.
Bailey, William J. A., Packanak Lake, N. J., assignor to International Business Machines Corporation, New York, N. Y. Gun sight. 2,374,722; May 1.
Bailey, William J. A., Packanack Lake, N. J., and C. E. Whiteman, Richmond Hill, assignors to International Business Machines Corporation, New York, N. Y. Gun sight. 2,386,420; Oct. 9.
Bailie, James C.: *See*—
Heard, L., Shankland, and Bailie.
Bailie, James C., and M. J. See, assignors to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion process. 2,378,530; June 19.
Bailie, James C., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion process. 2,380,489; July 31.
Baily, Thaddeus F., Canton, Ohio. Melting and refining ferrous metals. 2,382,534; Aug. 14.
Bain, Joseph P., Jacksonville, Fla, assignor, by mesne assignments, to Nelio Resin Processing Corporation, Cleveland. Resinous material and preparing. 2,374,657; May 1.
Baines, John A., Willesden Junction, London, assignor to Rotax Limited, London, England. Ignition magnetos for internal-combustion engines. 2,385,678; Sept. 25.
Baiocchi, Joseph J., San Francisco, Calif. Egg candling device. 2,388,518; Nov. 6.
Bair, George J., Pittsburgh, assignor to N. S. Garbisch, Butler, Pa. Glass batch. 2,366,473; Jan. 2.
Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric plug or rivet welding apparatus. 2,367,257; Jan. 16.
Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric welding apparatus. 2,379,470; July 3.
Baird, Clyde W., Columbus, Ohio. Communication system. 2,370,388; Feb. 27.
Baird, Frank T., Blue Island, Ill. Electric lantern. 2,369,637; Feb. 20.
Baird, Gordon A., Hopewell, Va. Logging bunk. 2,377,201; May 29.
Baird Machine Company, The: *See*—
Lewis, A. J., and Barnes, assignors.
Baird, William, A. Hill, J. E. G. Harris, S. H. Oakeshott, and W. J. Wilson, Manchester, England, assignors to Imperial Chemical Industries Limited. Cleansing compositions. 2,377,066; May 29.
Bakarian, Puzant W., assignor to The Dow Chemical Company, Midland, Mich. Bonding magnesium-alloy sheets. 2,366,168; Jan. 2.
Bake, Louis S., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quick curing neoprene cement. 2,384,269; Sept. 4.
Bakelite Corporation: *See*—
Catlow, William R., Jr., assignor.
Daniels, R. S., and Mostello, assignors.
Kline, Harry, assignor.
Rector, C., and Schrimpe, assignors.
Turkington, V. H., and Butler, assignors.
Turkington, V. H., and Whiting, assignors.
Whiting, Leo R., assignor.
Bakelite Corporation, et al.: *See*—
Hanley, Albert J., assignor.
Baker, Albert D., Linden, N. J., assignor to General Motors Corporation, Detroit, Mich. Signaling device. 2,391,669; Dec. 25.
Baker, Albert L., Summit, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Insulation lining for conduits. 2,369,204; Feb. 13.
Baker, Arthur L. L., Sevenoaks, England. Jetty, wharf, and like berthing place for vessels. 2,391,612; Dec. 25.
Baker, Augustus J.: *See*—
Fuchs, Julius, assignor.
Baker, Augustus J., Cleveland, Ohio. Circumciser. 2,376,893; May 29.
Baker, Augustus J., Cleveland, Ohio. Circumciser. 2,376,894; May 29.
Baker, Benjamin, Thompson Falls, Mont., and C. H. Barnes, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,377,661; June 5.
Baker, Benjamin P.: *See*—
Leeds, W. M., and Baker.
Webb, H. J., Baker, and Wahl.
Wilcox, H. M., Baker, and Webb.
Baker, Benjamin P., Turtle Creek, and R C. Cunningham, East McKeesport, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve construction. 2,384,787; Sept. 18.
Baker, Bernard R.: *See*—
Babcock, S. H., Jr., and Baker.
Baker, Bernard R., Nanuet, assignor to Lederle Laboratories, Inc., New York, N. Y. Water soluble compounds having vitamin K activity. 2,380,716; July 31.
Baker, Bert F.: *See*—
Knox, H A., and Baker.
Baker, Burton E., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting quartz crystals and apparatus for preparing quartz crystals for cutting. 2,381,993; Aug. 14.
Baker, Calvin A., assignor of one-half to P. Lenik, Detroit, Mich. Driving dog for grinders and the like. 2,380,381; July 31.
Baker, Clarence H., and M. L. Olson, Indianapolis, Ind., assignors to Union Carbide and Carbon Corporation. Acetylene generator. 2,370,630; Mar. 6.
Baker, Clarence I., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directional compass for aircraft trainers. 2,379,869; July 10.
Baker, Clarence I., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Artificial horizon and bank indicator for aircraft trainers. 2,381,872; Aug. 14.
Baker & Company, Inc.: *See*—
Crouch, H. W., and Stauss, assignors.
Keitel, Christian W., assignor.
Sivil, Cecil S., assignor.
Baker, David B., Riverside, J. C. Holub, Chicago, and L. E. Nickla, Cicero, Ill., assignors to International Harvester Company. Spindle moistener pad. 2,369,708; Feb. 20.
Baker, David B., Riverside, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Frame and draw-bar structure for crawler tractors. 2,391,002; Dec. 18.
Baker, Earl L., Washington, D. C. Wringer. 2,379,619; July 3.
Baker, Erwin G., Indianapolis, Ind. Rotary valve. 2,370,283; Feb. 27.
Baker, Erwin G., Indianapolis, Ind. Engine fuel gasifier. 2,389,714; Nov. 27.

Baker, Geoffrey B., and G. F. Hawkins, assignors to Murphy Radio Limited, London, England. Tuning of radio receivers. 2,374,265; Apr. 24.
Baker, George S., Chicago, Ill. Permanent wave solutions. 2,389,755; Nov. 27.
Baker, George T.: *See*—
Taylor, R., and Baker.
Baker, George T., Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic relay. 2,369,331; Feb. 13.
Baker, George W., Chicago Heights, and N. Nelsson, assignors to United States Gypsum Company, Chicago, Ill. Wall structure. 2,370,769; Mar. 6.
Baker, George W., Chicago Heights, assignor to United States Gypsum Company, Chicago, Ill. Partition structure. 2,381,635; Aug. 7.
Baker, Glenn J., Jr., Los Angeles, Calif. Surgical fracture apparatus. 2,373,371; Apr. 10.
Baker, Henry D., assignor to Chemical Construction Corporation, New York, N. Y. Seal for pressure vessels. 2,385,754; Sept. 25.
Baker, Henry E., Milton, Mass. Paving stripping apparatus. 2,388,461; Nov. 6.
Baker, Howard E.: *See*—
Nelson, Walter O., assignor.
Baker, James A., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Encasing meat or the like. 2,368,398; Jan. 30.
Baker, James N., Baltimore County, Md., assignor to The Black and Decker Manufacturing Company. Vacuum cleaner. 2,380,382; July 31.
Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Cage for roller bearings. 2,383,233; Aug. 21.
Baker, John C., Montclair, N. J., assignor to Novadel-Agene Corporation. Treatment of cereals. 2,379,335; June 26.
Baker, Karl V., Malaga, Ohio. Tire valve. 2,378,384; June 19.
Baker, Leonard, Hillsdale, N. J., and L. C. Williams, assignors to Dexter Folder Company, Pearl River, N. Y. Elevator for sheet feeders. 2,368,094; Jan. 30.
Baker, Leonard, Hillsdale, N. J., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,389,480; Nov. 20.
Baker, Malvern S., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Power transmission. 2,369,126; Feb. 13.
Baker, Marlin S., assignor to The Parker Pen Company, Janesville, Wis. Fountain pen. 2,387,001; Oct. 16.
Baker, Melvin D.: *See*—
Emblen, H. V., and Baker.
Baker, Melyn E., Oregon City, Oreg. Propulsion means for vessels. 2,367,325; Jan. 16.
Baker, Norman G., Laredo, Tex. Marine propulsion. 2,369,996; Feb. 20.
Baker Oil Tools, Inc.: *See*—
Baker, Reuben C., assignor.
Burt, Clarence E., assignor.
King, Charles M., assignor.
McGivern, P. V., and Chastain, assignors.
Saurenman, Dean F., assignor.
Baker Perkins, Inc.: *See*—
Engels, Eugene O., assignor.
Baker Perkins Limited: *See*—
Harber, Laurence S., assignor.
Pointon, John E., assignor.
Tunley, Allan A. assignor.
Baker, Ralph H., Independence, Mo. Safety device for firearms. 2,379,946; July 10.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,368,399; Jan. 30.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Releasable well packer. 2,368,400; Jan. 30.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Lock device for well tools. 2,368,401; Jan. 30.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Removable well packer. 2,370,832; Mar. 6.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Apparatus for cementing well bores. 2,370,833; Mar. 6.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Retrievable well packer. 2,373,005; Apr. 3.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Operating well apparatus. 2,373,006; Apr. 3.
Baker, Rhea V., Seattle, Wash., assignor to Feenaughty Machinery Co., Portland, Oreg. Vehicle jack. 2,381,199; Aug. 7.
Baker, Richard F., Merchantville, N. J., assignor to Radio Corporation of America. Electron decelerator. 2,372,170; Mar. 27.
Baker, Robert, Alexandria, and C. W. Davis, Summitville, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Pressure type liquid fuel burning device. 2,375,886; May 15.
Baker, Robert E., New Haven, and G. H. Kendall, Darlen, assignors to Sargent & Company, New Haven, Conn. Releasable coupler. 2,369,638; Feb. 20.
Baker, Robert M., H. G. Frostick, and C. C. Whittaker, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Induction heating coil. 2,381,246; Aug. 7.
Baker, Sylvester A., San Francisco, Calif. Fixture holder. 2,378,121; June 12.
Baker, Theodore C., Newington, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for degassing liquids. 2,376,221; May 15.
Baker, Thomas A., Logansport, Ind. Fluid measuring and regulating mechanism. 2,375,204; May 8.
Baker, Thomas A., Logansport, Ind. Liquid metering device. 2,385,784; Oct. 2.
Baker, Thomas A., Logansport, Ind. Fluid proportioning system. 2,388,669; Nov. 13.
Baker, Thomas W., and J. Friedman, Dallas, Tex., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalyst recovery process. 2,373,803; Apr. 17.
Baker, Virgil H., and P. T. Keebler, Springfield, Ohio, assignors to Elliott Company, Pittsburgh, Pa. Tube cleaner motor. 2,384,872; Sept. 18.
Baker, Walter: *See*—
Deal, T. M., and Baker.
Baker, William O., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inhibiting cracking of polymeric bodies. 2,373,093; Apr. 10.
Baker, Zelma, and B. F. Miller, Chicago, Ill. Germicidal preparations. 2,380,011; July 10.
Bakerman, David, West Haven, Conn. Collar clip. 2,384,788; Sept. 18.
Bakewell, Harding F., San Marino, Calif. Rotary cutting tool. 2,369,273; Feb. 13.
Bakke, Mathias J., et al.: *See*—
Bakke, Robert, assignor.
Bakke, Olaf, De Sart, N. Dak. Wind wheel generator. 2,379,857; July 10.
Bakke, Robert, assignor of one-half to M. J. Bakke, and one-fourth to C. J. Swahn, Minneapolis, Minn. Welding helmet. 2,377,122; May 29.
Bakker, Pier: *See*—
Lomax, C. E., and Bakker.
Bakker, Pier, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Multiexchange automatic telephone system. 2,366,232; Jan. 2.
Bakker, Pier, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,375,514; May 8.
Bakker, Pier, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,389,290; Nov. 20.
Balaban & Katz Corporation: *See*—
Eddy, William C., assignor.
Balassa, Ladislaus, Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions and preparing them. 2,384,270; Sept. 4.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Preparation of aldol. 2,372,540; Mar. 27.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,374,405; Apr. 24.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Purification of gases. 2,384,065; Sept. 4.
Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc., New York, N. Y. Production of acetaldehyde from ethyl alcohol by partial oxidation. 2,384,066; Sept. 4.
Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Antifreeze composition. 2,386,182; Oct. 9.
Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc., New York, N. Y. Antifreeze composition. 2,386,183; Oct. 9.
Balch, Royal T., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Hard waxes and fatty products derived from crude sugar cane waxes. 2,381,420; Aug. 7.
Baldanza, Nicholas T., Rutherford, assignor to Columbia Protektosite Company, Inc., Carlstadt, N. J. Combined hinge and wall assembly. 2,370,928; Mar. 6.
Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Grinding machine. 2,378,903; June 26.
Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Bearing for rotary spindles. 2,384,589; Sept. 11.
Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Lubricating system for machine tools. 2,384,590; Sept. 11.
Baldesberger, Robert J., Pittsburgh, Pa. Artificial fishing bait. 2,381,099; Aug. 7.
Baldeschwieler, Agnes R., Asbury Park, N. J. Bath mitt. 2,374,068; Apr. 17.
Baldeschwieler, Emile L., Cranford, and P. J. Gaylor, Union, N. J., assignors to Standard Oil Development Company. Recovering boron fluoride. 2,381,027; Aug. 7.
Baldo, Louie: *See*—
Morrow, D., and Baldo.

Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Building structure. 2,389,573; Nov. 20.

Baldwin, Clyde P., and H. H. Vanderzee, Claremont, N. H., assignors to Sullivan Machinery Company. Control mechanism for mining apparatus. 2,384,447; Sept. 11.

Baldwin Locomotive Works: *See*—
Burkhardt, Conrad C. C., assignor.
Essl, Max, assignor.
Ruge, Arthur C., assignor.
Stamm, John J., assignor.

Baldwin Locomotive Works, The: *See*—
Lowy, Robert, assignor.
Petersen, Harry B., Jr., assignor.
Ruge, Arthur C., assignor.
Sharp, Robert E. B., assignor.
Sims, John C., Jr., assignor.
Smith, John E., assignor.

Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,390,049; Dec. 4.

Baldwin, William G., Pittsburgh, Pa. Level. 2,386,833; Oct. 16.

Bales, James E.: *See*—
Loeb, F. F., and Bales.

Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Shelf construction. 2,374,658; May 1.

Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Wooden shelving. 2,375,726; May 8.

Bales, Max G., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Plate and bearing assembly. 2,390,050; Dec. 4.

Baliman, Albert, U. S. Navy. Mooring device. 2,383,950; Sept. 4.

Balkins, Almon J., Alhambra, Calif. Telephone support. 2,382,125; Aug. 14.

Ball, Albert L., Lewiston, and P. H. Walker, assignors to The Carborundum Company, Niagara Falls, N. Y. Reinforced abrasive wheel. 2,369,639; Feb. 20.

Ball, Charles, et al.: *See*—
Wagers, Beverly T., assignor.

Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Mechanism for introducing water into concrete mixers. 2,368,402; Jan. 30.

Ball, Charles F., Franklin, Pa., assignor to Joy Manufacturing Company. Flight. 2,372,925; Apr. 3.

Ball, Charles F., Franklin, Pa., and G. K. Viall, assignors to Chain Belt Company, Milwaukee, Wis. Apparatus for supplying water to concrete mixers. 2,374,970; May 1.

Ball, Charles F., assignor to Joy Manufacturing Company, Franklin, Pa. Drive for vehicles. 2,380,012; July 10.

Ball, Charles F., assignor to Joy Manufacturing Company, Franklin, Pa. Winch. 2,389,177; Nov. 20.

Ball, Charles J. P.: *See*—
Hobbs, Howard F., assignor.

Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Hoisting mechanism. 2,370,834; Mar. 6.

Ball, Jack, Euclid, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Maximum kilovoltage limiter for X-ray tubes. 2,368,798; Feb. 6.

Ball, Joseph A., Los Angeles, and L. Plotin, North Hollywood, assignors to Max McGraw, doing business as McGraw Colorgraph Company, Burbank, Calif. Color photography. 2,385,599; Sept. 25.

Ball, Mildred S., assignor to Pacific Olive Company, Visalia, Calif. Tool for stuffing pimiento and the like. 2,384,429; Sept. 11.

Ball, Norris C., Denver, Colo. Milk pipe rack. 2,376,955; May 29.

Ball, Richard N.: *See*—
Van Dellen, E., and Ball, assignors.

Ball & Socket Manufacturing Co., The: *See*—
Hubbell, Leslie W., assignor.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,491; July 31.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,492; July 31.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,493; July 31.

Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Switch control mechanism. 2,380,494; July 31.

Ballamy, Leslie M., Caterham-on-Hills, and R. H. Sheepshanks, Eyke, Woodbridge, England. Transfer means for fibrous material. 2,377,123; May 29.

Ballamy, Leslie M., Harestone Hill, Caterham, and R. H. Sheepshanks, Eyke, Woodbridge, assignors of one-half to G. B. (Nottingham) Limited, Nottingham, England. Vehicle wheel driving means. 2,377,124; May 29.

Ballamy, Leslie M., Caterham-on-Hill, and R. H. Sheepshanks, Eyke, Woodbridge, England. Needlebar mechanism for sewing machines. 2,390,288; Dec. 4.

Ballard, Hyde W., Merion, Pa., assignor to All American Aviation, Inc., Wilmington, Del. Ground station for aerial pickup systems. 2,369,518; Feb. 13.

Ballard, John S.: *See*—
Booth, G. M., and Ballard.

Ballard, Kermit H.: *See*—
Deyrup, A. J., and Ballard.
Deyrup, A. J., Ballard, and Strickarz.

Ballard, Kermit H., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Burnish gold. 2,383,704; Aug. 28.

Ballard, Kermit H., Perth Amboy, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Terminal fastening for electrical capacitors. 2,389,018; Nov. 13.

Ballard, L. O., et al.: *See*—
Fees, John N., assignor.

Ballard, Mary H., Chicago, Ill. Buckle. 2,380,383; July 31.

Ballard, Seaver A.: *See*—
Finch, H. D., and Ballard.
Williams, P. H., Ballard, and Evans.
Winkler, D. E., and Ballard.

Ballard, Seaver A., Berkeley, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Hydrogenated ketone resins. 2,380,142; July 10.

Balleisen, Charles E., U. S. Army, Philadelphia, Pa. Firearm. 2,372,652; Apr. 3.

Ballesteros, Arturo: *See*—
Ayala, P., and Ballesteros.

Ballinger, Karl, assignor of one-third to F. Krake and one-third to D. Sawatzki, Coloma, Mich. Trailer. 2,375,754; May 15.

Ballintine, Elmer J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Tank construction. 2,384,067; Sept. 4.

Ballman, Donald K., assignor to The Dow Chemical Company, Midland, Mich. Fungicidal and bactericidal compositions. 2,376,650; May 22.

Ballou, B. A., & Co. Incorporated: *See*—
Ballou, Frederick A., Jr., assignor.
Morehouse, Eugene, assignor.

Ballou, Dona L., assignor to The Aspinook Corporation, Jewett City, Conn. Tension device. 2,375,459; May 8.

Ballou, Frederick A., Jr., Providence, R. I., assignor to B. A. Ballou & Co. Incorporated. Securing device. 2,380,359; July 10.

Ballou, Richard P., West Hartford, and D. F. Daly, Hartford, Conn., assignors, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Electric switch mechanism. 2,370,515; Feb. 27.

Balls, Arnold K., Washington, D. C., W. S. Hale, Alexandria, Va., and T. H. Harris, Washington, D. C., assignors to C. R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Proteinous material. 2,366,952; Jan. 9.

Balls, Arnold K., Washington, D. C., and W. S. Hale, Alexandria, Va., assignors to Claude R. Wickard as Secretary of Agriculture of the United States of America, and to his successors in office. Treating cereal grains. 2,381,421; Aug. 7.

Balmer, Harold J., Portland, assignor of one-half to T. E. Ingersoll, Muskegon, Mich. Measuring device. 2,384,150; Sept. 4.

Balsiger, Harold E., Waynesboro, Pa., and R. E. Price, Highfield, Md., assignors to Landis Tool Company, Waynesboro, Pa. Hydraulic control device. 2,386,184; Oct. 9.

Balston, Clyde C., Interlachen, Putnam County, Fla. Lacteal-laxative products and making same. 2,366,474; Jan. 2.

Balston, Clyde C., Interlachen, Putnam County, Fla. Lacteal-laxative products and making same. 2,367,166; Jan. 9.

Balthis, Joseph H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing polyamides. 2,374,069; Apr. 17.

Baltimore Paper Company: *See*—
Lindeen, Edward C., assignor.

Balton, Charles A.: *See*—
Deardorff, P. A., and Balton.

Balton, Charles A., Buffalo, N. Y., assignor to Sav-way Industries, Detroit, Mich. Quick-acting control valve. 2,387,733; Oct. 30.

Balton, James, assignor to Maryland Baking Company Inc., Baltimore, Md. Jacket forming machine. 2,369,205; Feb. 13.

Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Adhesive transferring mechanism. 2,370,284; Feb. 27.

Balton, James, assignor to Maryland Baking Company, Inc., Baltimore, Md. Cone jacket applying machine. 2,371,668; Mar. 20.

Baltzly, Richard: *See*—
Klemme, C. J., and Baltzly.

Baly, Wilfred F.: *See*—
Thornton, A. M., and Baly.

Balzarini, Martin L., Rockport, Mass., assignor of one-fourth to B. H. Levenson, Washington, D. C. Edible product and its production. 2,386,775; Oct. 16.

Balzer, Harvey W.: *See*—
Wicks, J., and Balzer.

Balzer, Harvey W., Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,367,635; Jan. 16.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Therapeutically useful sulphones and their preparation. 2,389,126; Nov. 20.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Sulphones and preparing same. 2,389,127; Nov. 20.
Bambas, Louis L., Grosse Pointe Woods, assignor to Parke, Davis & Company, Detroit, Mich. Sulphones and preparing same. 2,389,128; Nov. 20.
Bamford, Arthur P., Millburn, N. J., assignor to Arkell & Smiths, Inc., Canajoharie, N. Y. Apparatus for applying sheet material to other materials. 2,384,231; Sept. 4.
Bamford, Daniel: *See*—
Hadfield, J. J., and Bamford.
Bancroft, Thomas, Sherburn-in-Elmet, assignor of one-half to N. W. G. Blackburn, Yorkshire, England. Adjustable head golf club. 2,381,636; Aug. 7.
Bandini, Vergelio, et al.: *See*—
Vanore, Joseph, assignor.
Bandur, Adolph F., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing device. 2,379,947; July 10.
Bandur, Adolph F., Berwyn, J. F. Dillinger, Riverside, and A. N. Ogden, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Magnetic material. 2,388,664; Nov. 13.
Bane, Howard, Arrowsmith, Ill. Hog feeder. 2,377,202; May 29.
Bankauf, William F., East Paterson, assignor to Robins Conveyors Incorporated, Passaic, N. J. Vibration damper. 2,380,013; July 10.
Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Change-speed transmission for aircraft. 2,370,131; Feb. 27.
Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Power train interrupter for change-speed transmissions. 2,378,385; June 19.
Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Change-speed gearing for aircraft propellers. 2,380,390; July 31.
Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Transmission. 2,384,448; Sept. 11.
Banker, Paul M., et al.: *See*—
Monroe, Spencer F., assignor.
Bank of America National Trust and Savings Association, et al., executors: *See*—
Replogle, Daniel B.
Bank of Montclair, executor, et al.: *See*—
Ellis, Carleton.
Banks, Daniel B., Drexel Hill, assignor to Sun Oil Company, Philadelphia, Pa. Safety device for catalytic converters. 2,380,495; July 31.
Banks, George B., New Rochelle, N. Y. Antiknock fuel for internal-combustion engines. 2,373,372; Apr. 10.
Banks, George B., Chelmsford, assignor to Marconi's Wireless Telegraph Co., Ltd., London, England. Superregenerative radio receiver. 2,379,673; July 3.
Banks, John L. M. S., Addlestone, England. Structural material. 2,369,006; Feb. 6.
Bannan, Michael W., New Britain, Conn. Holders for welding electrodes. 2,377,203; May 29.
Bannerot, R. A., Martinez, A. H. Boultbee, Long Beach, and B. S. Greensfelder, assignors to Shell Development Company, San Francisco, Calif. Catalytic production of hydrogenated polymers. 2,379,410; July 3.
Banning, Lloyd: *See*—
Lamb, F. D., and Banning.
Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Making gun barrel forgings. 2,371,125; Mar. 13.
Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Continuous tube rolling mill. 2,378,278; June 12.
Bannister, Clyde E., Houston, Tex. Apparatus for cementing the wall of an earthboring. 2,387,002; Oct. 16.
Bannister, Edgar, assignor to D. Gilson and Company Limited, London, England. Machine for grinding metal. 2,375,340; May 8.
Bannon, John F., Providence, R. I., assignor to Defiance Sales Corporation, New York, N. Y. Desk calendar. 2,371,944; Mar. 20.
Banta, James J.: *See*—
McKinney, E. L., and Banta.
Banton, Theodore H.: *See*—
Champlin, J. B. F., and Banton.
Banua, Alberto P., Kalaheo, Hawaii. Dispensing container. 2,385,600; Sept. 25.
Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic control equipment. 2,390,345; Dec. 4.
Banzhaf, Henry F., Milwaukee, Wis., and A. Finlay, Marquette, Mich., assignors, by mesne assignments, to American Hoist & Derrick Company, St. Paul, Minn. Winch. 2,379,858; July 10.
Baratelli, Charles A.: *See*—
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.
Lehmberg, W. H., Baratelli, and Lown.
Lown, W., and Baratelli.
Baratelli, Charles A., Cambridge, D. P. Bernheim, Southbridge, and W. Lown, Boston, assignors to American Optical Company, Southbridge, Mass. Eye protection means. 2,387,821; Oct. 30.
Barbeck, Peter, assignor to Oxygen Arc Equipment Co., Inc., New York, N. Y. Electrode holder. 2,371,945; Mar. 20.
Barbee, Arrie, Pontiac, Mich. Combination curtain, drape, and shade holder. 2,374,165; Apr. 24.
Barbehenn, Ralph L., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of bell-end pipe. 2,383,582; Aug. 28.
Barber Asphalt Corporation: *See*—
Douthett, Orin R., assignor.
Barber, Charles C., Rockville Center, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Differential gearing. 2,382,846; Aug. 14.
Barber-Coleman Company: *See*—
Colman, Howard D., assignor.
Crandall, Charles B., assignor.
Dewey, Ritchie P., assignor.
Drake, Russell P., assignor.
Kennedy, Walter W., assignor.
Lilja, Edgar D., assignor.
Purvin, Benjamin R., assignor.
Barber-Colman Company: *See*—
Ransome, Stafford M., assignor.
Barber-Greene Company: *See*—
Smith, Paul A., assignor.
Barber, Harry J., Gidea Park, Romford, assignor to May & Baker, Limited, Dagenham, Essex, England. Manufacture of diamidines. 2,375,740; May 8.
Barber, Harry J., Gidea Park, Romford, and A. D. H. Self. Hornchurch, assignors to May & Baker Limited, Dagenham, England. Production of amidines. 2,375,611; May 8.
Barber, Hastings A.: *See*—
Hart, H. T., Barber, and Burbeck.
Barber, Howard B., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Switch actuating handle for vacuum cleaners. 2,369,519; Feb. 13.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Printing plate clamp. 2,369,423; Feb. 13.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Inking mechanism for rotary printing presses. 2,377,662; June 5.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Inking mechanism for rotary printing presses. 2,377,663; June 5.
Barber, Jesse R., Lavinia, Iowa. Hay and shock loader. 2,373,804; Apr. 17.
Barber, Theodore C., Seattle, Wash. Training equipment for airplane pilots. 2,373,653; Apr. 17.
Barber, Theodore C., Seattle, Wash. Mounting for interchangeable sticks and wheels. 2,385,184; Sept. 18.
Barber, Theodore C., Burbank, Calif. Air scoop for airplane engines. 2,388,028; Oct. 30.
Barbieri, Cesare, New York, N. Y., assignor to Dixie Cup Company. Making containers. 2,367,749; Jan. 23.
Barbieri, Cesare, New York, N. Y., assignor to Dixie Cup Company. Cover for paper containers. 2,383,760; Aug. 28.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Surface ornamentation for thermal plastic articles. 2,368,085; Jan. 30.
Barbour, Fenner S.: *See*—
Worthen, E. P., Barbour, and Putnam.
Barbre, Charles O., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Purification of solvents. 2,375,460; May 8.
Barch, William E.: *See*—
Stokes, W. E., and Barch.
Barclay, Spencer H., Arlington, N. J. Sound distributor. 2,387,974; Oct. 30.
Bard-Parker Company, Inc.: *See*—
Arden, Thomas R., assignor.
Bard, Rochester: *See*—
Boor, Francis H., assignor.
Bardega, Joseph, Detroit, Mich. Universal rotary drive lock. 2,389,886; Nov. 27.
Barden, Clifford, Lisle, N. Y. Rearview device. 2,375,887; May 15.
Bardet, Gerard, Paris, France; vested in the Alien Property Custodian. Device for feeding machines for packing tubular products. 2,376,651; May 22.
Bardons and Oliver, Inc.: *See*—
Kylin, Oskar, assignor.
Kylin, O., H. O., and Valentino, assignors.
Bardwell, Cecil: *See*—
Dircksen, A. D., Bardwell, and Rose.
Bardwell & McAlister: *See*—
Rose, J. C., and Stankey, assignors.
Bardwell & McAlister, Inc.: *See*—
Dircksen, A. D., Bardwell, and Rose, assignors.
Rose, Jess C., assignor.
Bare, Martin K., assignor to Armstrong Cork Company, Lancaster, Pa. Mastic tile. 2,378,377; June 19.

Bareiss, Max, Livingston, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Thermionic tube and anode plate therefor. 2,387,238; Oct. 23.

Barensfield, Paul L., Cleveland, Ohio, assignor to The American Steel and Wire Company. Plate and preparing the same for offset printing. 2,374,070; Apr. 17.

Barényi, Béla, Vaihingen-Rohr A. D. F., and K. Wilfert, Sindelfingen, Germany; vested in the Alien Property Custodian. Resiliently articulated vehicle frame and wheel suspension. 2,374,911. May 1.

Bares, Frank: *See*—
Troendly, H. P., and Bares.

Barganz, Walter A.: *See*—
Buchholz, A. R., and Barganz.

Barge, Raymond H., Mineola, N. Y., assignor to Pittsburgh Equitable Meter Company, Homewood, Pittsburgh, Pa. Fluid meter. 2,389,125; Nov. 20.

Bargen, William J., Waukegan, Ill. Typewriter desk. 2,369,127; Feb. 13.

Barghausen, Lawrence R., Alexandria, Va. Identification means for documents. 2,374,723; May 1.

Bargmeyer, Ernest G.: *See*—
Keene, K. L., and Bargmeyer.

Barish, Thomas: *See*—
Hoover, V. A., and Barish.

Barker, Edgar, Toronto, Ontario, Canada. Machine for machining arcuate surfaces. 2,379,870; July 10.

Barker, Fred H., Los Angeles, Calif. Making a food product. 2,373,805; Apr. 17.

Barker, Harry H., Irwin, and L. R. Hill, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Semiconducting composition. 2,377,600; June 5.

Barker, Orrin W.: *See*—
Armitage, J. B., and Barker.
Armitage, J. B., Barker, Riedel, and Boehmer.

Barker, Percy E., Pepper Pike Village, Ohio. Valve control for internal-combustion engines. 2,391,380; Dec. 25.

Barker Poultry Equipment Company: *See*—
Franz, Chester B., assignor.

Barker, Ralph, San Francisco, Calif. Electric toaster. 2,368,440; Jan. 30.

Barker, Seth S., Ottumwa, Iowa. Method of and apparatus for defeathering fowls. 2,389,404; Nov. 20.

Barker, Stuart N., G. S. Selman, and V. G. Bull, Hythe, V. C. E. Marten-Gwilliam, Barton-on-Sea, England, R. Wark, Irvine, and T. Thomson, Kilmarnock, Scotland, assignors to The British Power Boat Company Limited, Hythe, Southampton, and Imperial Chemical Industries Limited, London, England. Torpedo launching mechanism. 2,390,635; Dec. 11.

Barker, William T., Mount Vernon, N. Y. Ampoule filling machine. 2,367,085; Jan. 9.

Barker, William T., Mount Vernon, N. Y. Ampoule filling and conveying machine. 2,383,700; Aug. 28.

Barksdale, John D., Oildale, assignor of one-half to J. J. Shirkey, Van Nuys, Calif. Laundry vehicle. 2,384,873; Sept. 18.

Barlow, George A., Wilmington, Del. Automatic spray machine. 2,369,424; Feb. 13.

Barlow & Seelig Manufacturing Company: *See*—
Cammack, Clifton C., assignor.

Barlow, Sidney D., Bronx, N. Y. Dispensing container. 2,376,222; May 15.

Barlow, William H., assignor to Scoville Manufacturing Company, Waterbury, Conn. Composite metal coupling member. 2,368,799; Feb. 6.

Barlow, William H., Waterbury, Conn., assignor by mesne assignments, to Camloc Fastener Corporation, New York, N. Y. Fastening device. 2,378,122; June 12.

Barlow, William H., Waterbury, Conn., assignor to Scovill Manufacturing Company. Stud member for quick detachable fastening devices. 2,391,288; Dec. 18.

Barmack, Boris J., Chicago, Ill. Guide for applying insulation to conductors. 2,372,645; Apr. 3.

Barmmer, William L.: *See*—
Bacon, D. L., Caldwell, and Barmmer.

Barna, Andrew, Chicago, Ill. Underwater torch. Re. 22,610; Mar. 6.

Barna, Joseph W., assignor of one-third to C. A. Laystrom, one-third to V. E. Hoffman, and one-third to M. T. Barna, Chicago, Ill. Shoe and making same. 2,390,042; Dec. 4.

Barna, Mary T., et al.: *See*—
Barna, Joseph W., assignor.

Barnard, Kenneth H., Short Hills, N. J., and Boris Frankfurt, New York, N. Y., assignors to Pacific Mills, Boston, Mass. Textile treatment. 2,390,235; Dec. 4.

Barnby, Herbert A., and J. Hohl, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Conveying mechanism. 2,372,646; Apr. 3.

Barnby, Herbert A., and J. Hohl, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Jar feeding mechanism. 2,387,211; Oct. 16.

Barner, Louis L., Endicott, N. Y., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,383,530; Aug. 28.

Barnes, Allen L., Melrose Park, Ill. Phonograph record repeater. 2,369,938; Feb. 20.

Barnes, Allen L., Melrose Park, Ill. Phonograph record repeater. 2,379,560; July 3.

Barnes, Carl E., Worcester, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing unsaturated methylene compounds. 2,369,520; Feb. 13.

Barnes, Charles H.: *See*—
Baker, B., and Barnes.

Barnes, Charles H., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Formation packer. 2,370,929; Mar. 6.

Barnes, Charles H., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Double seal packer. 2,387,003; Oct. 16.

Barnes Drill Co.: *See*—
Caldwell, Harry J., assignor.
Caldwell, H. J., and Seborg, assignors.
Johnson, Albert M., assignor.
Olsen, Joseph O., assignor.
Seborg, Earnest Y., assignor.

Barnes, Edwin, Marshall, Tex. Work holding device. Re. 22,641; May 15.

Barnes, Eugene L., and H. A. Brenner, Buffalo, N. Y. Refrigerating apparatus. 2,373,806; Apr. 17.

Barnes, Fern A., et al: *See*—
Tyzzer, Howard J., assignor.

Barnes, George W., Jr., Clifton Heights, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,368,912; Feb. 6.

Barnes, Gilbert C., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Manufacturing heat radiators. 2,368,403; Jan. 30.

Barnes, Glee H.: *See*—
Lease, John F., assignor.

Barnes, Harold E., et al.: *See*—
Tyzzer, Howard J., assignor.

Barnes, James C., White Plains, assignor to Press Association, Inc., New York, N. Y. Picture transmission system. 2,369,206; Feb. 13.

Barnes, James F., trustee: *See*—
Heckman, John A., assignor.
Rebholz, Elmer F., assignor.

Barnes & Jones, Incorporated: *See*—
Smith, Walter W., assignor.

Barnes, Julian L.: *See*—
Patterson, W. S., and Barnes.

Barnes, Leslie W.: *See*—
Lewis, A. J., and Barnes.

Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,374,797; May 1.

Barnes Motor Developments Company: *See*—
Barnes, William B., assignor.

Barnes, Ross J., assignor to The T. L. Smith Company, Milwaukee, Wis. Charging hopper mounting for truck type concrete mixers. 2,374,912; May 1.

Barnes, William B., assignor to Barnes Motor Developments Company, Muncie, Ind. Planetary transmission. 2,388,204; Oct. 30.

Barnes, William S., Tucson, Ariz. Solar water still. 2,383,234; Aug. 21.

Barnett, Charles A., Shaker Heights, assignor to The Foundry Equipment Company, Cleveland, Ohio. Method of and apparatus for conditioning molds and the like. 2,385,962; Oct. 2.

Barnett, Harold M., Long Beach, Calif. Concentrating carotene. Re. 22,629; Apr. 17.

Barnett, Harry, Glencoe, assignor to The Powers Regulator Company, Chicago, Ill. Thermostatic mixer. 2,382,283; Aug. 14.

Barnett, Henry J.: *See*—
Pertile, A. D., and Barnett.

Barnett, Louis, Brooklyn, assignor to National Urn Bag Company, Inc., Long Island City, N. Y. Infusion package manufacture. 2,390,071; Dec. 4.

Barney, Harold L., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave circuits. 2,370,221; Feb. 27.

Barnhart, George E., Pasadena, Calif. Gun control apparatus. 2,373,990; Apr. 17.

Barnhart, George E., Pasadena, Calif. Manufacturing tubes. 2,391,766; Dec. 25.

Barnhart, Robert M., San Gabriel, J. C. Bennett, Pasadena, and P. M. Heinmiller, assignor to Utility Trailer Manufacturing Company, Los Angeles, Calif. Drop leg support for trailers. 2,374,320; Apr. 24.

Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,387,734; Oct. 30.

Barnsteiner, Alfons, and E. E. Sutherland, Mansfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,386,776; Oct. 16.

Barnum, Emmett R.: *See*—
Zublin, E. W., Barnum, and White.

Barnum, Emmett R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,369,640; Feb. 20.

Barnum, Emmett R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,369,641; Feb. 20.

Barnum, Emmett R., Berkeley, and E. W. Zublin, Sausalito, assignors to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,371,142; Mar. 13.

Barnum, Emmett R., Berkeley, and E. W. Zublin, Sausalito, assignors to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,371,143; Mar. 13.
Barnum, Leon N., C. A. Donnelly, and R. L. Maple, assignors to The National Cash Register Company, Dayton, Ohio. Mechanical device. 2,386,834; Oct. 16.
Barol, Hugo, et al.: *See*—
Forst, Harry S., assignor.
Baron, Harold K.: *See*—
Kasen, Daniel, assignor.
Barone, Anthony, New York, N. Y. Seam system for ventilating garments. 2,385,124; Sept. 18.
Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Container. 2,372,181; Mar. 27.
Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Container. 2,372,182; Mar. 27.
Barr, Courtland H., Glenolden, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Container. 2,372,352; Mar. 27.
Barr, Frank T., Summit, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Hydrocarbon synthesis reaction. 2,384,874; Sept. 18.
Barr, Harry, Ironwood, Mich. Automatic fish lock. 2,381,100; Aug. 7.
Barr, Harry F., assignor to General Motors Corporation, Detroit, Mich. Cylinder bore lubrication. 2,375,612; May 8.
Barr, Oscar, Los Angeles, Calif. Lock nut. 2,374,266; Apr. 24.
Barr, Russell L., Elmira, N. Y. Brake mechanism. 2,387,711; Oct. 30.
Barr & Stroud, Limited: *See*—
MacGill, Charles D., assignor.
Barr and Stroud, Limited: *See*—
French, James W., assignor.
Macgill, Charles D., assignor.
Barraja-Frauenfelder, Joseph, Upper Montclair, and O. G. Schrom, Montclair, N. J., assignors to American Locomotive Company, New York, N. Y. Piston. 2,372,050; Mar. 20.
Barrans, William T., Towson, and E. E. Bayor, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for removing coverings from elongated articles. 2,376,858; May 29.
Barrans, William T., and V. S. Martin, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making retractile cords. 2,390,769; Dec. 11.
Barras, Herbert, Baldwin, La. Piling and loading machine. 2,375,205; May 8.
Barrel Fitting & Seal Corporation: *See*—
Schwartz, Morris, assignor.
Barrera, Salvatore, Brooklyn, N. Y. Radii tool and dresser. 2,390,914; Dec. 11.
Barrett, Charles G., Alexandria, Va., assignor to himself and E. C. Magdeburger, as Trustees. Inlet and exhaust connections for internal-combustion engines. 2,390,913; Dec. 11.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Industrial truck. 2,366,378; Jan. 2.
Barrett, Floyd B.: *See*—
Hallows, R. L., and Barrett.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Lacquer and like coating composition. 2,371,866; Mar. 20.
Barrett, Gerald R., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Nitrocellulose lacquer compositions. 2,385,125; Sept. 18.
Barrett, Harold G.: *See*—
Reynolds, M., and Barrett.
Barrett, Jesse T., Eudora, Ark. Composition shingle. 2,376,024; May 15.
Barrett, John P.: *See*—
Ralston, A. W., Barrett, and McCorkle.
Barries, Richard, Susanville, Calif. Trailer. 2,384,591; Sept. 11.
Barrington, Edward W. J.: *See*—
Robinson, E. E., and Barrington.
Barrington, Robert R., Luton, England, assignor to General Motors Corporation, Detroit, Mich. Electrical resistance element. 2,371,211; Mar. 13.
Barro & Stroud, Limited: *See*—
Macgill, Charles D., assignor.
Barron-Gray Packing Company: *See*—
Erickson, A. M., and Ryan, assignors.
Barron, John T., Boston, Mass., assignor to Kinney Manufacturing Company, Jamaica Plain, Mass. Clutch. 2,380,571; July 31.
Barron, John T., Boston, assignor to Kinney Manufacturing Company, Jamaica Plain, Mass. Disengageable slip clutch. 2,380,572; July 31.
Barron, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Combination catalytic and thermal cracking. 2,379,471; July 3.
Barrow, John T.: *See*—
Carter, L., and Barrow.
Barrows, Alford C.: *See*—
Langford, G. W., Barrows, and Haidler.
Barrows, Clara M., executrix: *See*—
Barrows, Walter A.
Barrows, Walter A., deceased, Belvidere; C. M. Barrows, executrix, assignor to T. E. Decker, Rockford, Ill. Trap. 2,370,516; Feb. 27.
Barrows, William A., Hamilton County, Ohio. Porcelain enameled panel mounting. 2,379,269; June 26.
Barry, Joseph F., Brooklyn, N. Y., and M. A. Logan, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric cable. 2,375,272; May 8.
Barry, Robert J., Young, Saskatchewan, Canada. Draft reducing air distributor for boats. 2,378,822; June 19.
Barry, Robert L., Downers Grove, assignor to Goodman Manufacturing Company, Chicago, Ill. Taping armature coils. 2,367,086; Jan. 9.
Barry-Wehmiller Machinery Company: *See*—
Herold, J. L., and Wehmiller, assignors.
Barsky, George, New York, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Safety glass composition. 2,386,534; Oct. 9.
Barsness, Carl A.: *See*—
Jenson, Jens H., assignor.
Barta, Frank A., Palos Heights, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Filament-treating system. 2,388,945; Nov. 13.
Bartel, Alex., Cincinnati, Ohio. Fireproofing grease ducts. 2,367,918; Jan. 23.
Bartells, E. J., Company, The: *See*—
Abrams, O. A., and Schubert, assignors.
Bartels, Arnold H., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Frequency comparison apparatus. 2,389,948; Nov. 27.
Bartels, Charles R.: *See*—
Sherman, L. R., and Bartels.
Bartgis Bros. Company, The: *See*—
Lupton, Elmer H., assignor.
Barth, August, Chicago, Ill., assignor to Danbar Packing Company. Canning Swiss steaks. 2,366,169; Jan. 2.
Barth, Edwin J.: *See*—
Davis, G. D., and Barth.
Barth, Elmer J.: *See*—
Peterson, C. D., and Barth.
Barth, Elmer J., and E. W. Zingsheim, assignors to Spicer Manufacturing Corporation, Toledo, Ohio. Dual steering control. 2,369,936; Feb. 20.
Barth, Gustav, Berlin, Germany; vested in the Alien Property Custodian. Measuring magnetic fields. 2,390,051; Dec. 4.
Barth, Robert H.: *See*—
Dougherty, G., and Barth.
Barth, Robert H., Ridgewood, and H. Burrell, Paramus, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation. Plasticized compositions. 2,381,247; Aug. 7.
Barthel William F., College Park Md., and H. L. J. Haller, Washington, D C., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Purification of pyrethum extract. 2,372,183; Mar. 27.
Barthen, Charles L., Manhasset, N. Y., J. B. Peterson, Summit, N. J., and L. A. McClintock, Worcester, Mass., assignors to White Laboratories, Inc., Newark, N. J. Treatment of pharmaceuticals. 2,386,157; Oct. 2.
Bartho, John C., Flushing, assignor of one-half to A. Tellier, New York, N. Y. Cylinder lock. 2,370,708; Mar. 6.
Bartholomäus, Erich: *See*—
Bockmühl, M., Schaumann, Bartholomäus, and Leditschke.
Bartholomew, Edward L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Blade for tanning machinery. 2,371,600; Mar. 20.
Bartholomew, Howard W., Pottstown, Pa., assignor to Doehler Die Casting Company, Toledo, Ohio. Die for die-casting. 2,366,475; Jan. 2.
Bartholomew, Orlo A., Atlantic City, N. J. Jetty and making the same. 2,385,601; Sept. 25.
Bartholomew, Robert J., assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Lay motion for looms. 2,381,028; Aug. 7.
Bartlett, C. O., & Snow Company, The: *See*—
Smith, Benjamin A., assignor.
Bartlett, Edward P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acids. 2,391,219; Dec. 18.
Bartlett, F. A., Tree Expert Company: *See*—
Strout, Leeman F., assignor.
Bartley, John S.: *See*—
Stewart, R. J., and Bartley.
Bartoe, Willard F., Hulmeville, and W. R. Speck, Langhorne, assignors to Röhm & Haas Company, Philadelphia, Pa. Production of thermoplastic sheets of nonuniform thickness. 2,385,486; Sept. 25.
Barton, Benjamin D., and A. P. Adney, assignors to American-Marsh Pumps, Inc., Battle Creek, Mich. Fire engine pump assembly. 2,372,308; Mar. 27.
Barton, Derek H. R.: *See*—
Mugdan, M., and Barton.
Barton, J. Frank, Hamburg, N. Y. Material feeding apparatus. 2,370,709; Mar. 6.
Barton, Louis E., Windsor, Conn. Lead pigments and making same. 2,376,895; May 29.
Barton, Louis E., Windsor, Conn. Lead silicate pigments and making same. 2,379,270; June 26.

Barton, Louis E., Windsor, Conn. Lead pigments and making same. 2,383,284; Aug. 21.
Barton, Louis E., Windsor, Conn. Pigments and paints and making same. 2,391,118; Dec. 18.
Barton, Loy E., Collingswood, N. J., assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Amplifier circuit. 2,374,071; Apr. 17.
Barton, Paul D., Phoenixville, and P. F. Dougherty, Chester, assignors to Sun Oil Company, Philadelphia, Pa. Producing petroleum. 2,390,770; Dec. 11.
Barton, Robert P., Escalon, Calif. Beak trimming device for poultry. 2,384,875; Sept. 18.
Barton, William A.: *See*—
Lane, H., and Barton.
Bartow Beacons, Inc.: *See*—
Bartow, John B., assignor.
Bartow, John B., Blue Bell, assignor to Bartow Beacons, Inc., Philadelphia, Pa. Light-restricting device. 2,378,823; June 19.
Bartow, John B., Blue Bell, Pa., assignor to Bartow Beacons, Inc., Philadelphia, Pa. Light restricting device. 2,385,755; Sept. 25.
Bartram, Thomas W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Thermoplastic products derived from rubbers. 2,384,876; Sept. 18.
Bartsch, Herbert E., Chicago, Ill., assignor to Universal Railway Devices Company. Reticulated metal structure. 2,369,128; Feb. 13.
Bartsch, William K. M., Kansas City, Mo. Flying machine. 2,372,926; Apr. 3.
Barwood, Victor H.: *See*—
Greenleaf, Richard J., II, assignor.
Bascom, Henry M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Elapsed time indicator. 2,366,476; Jan. 2.
Bascom, Henry M., New York, M. C. Goddard, Garden City, N. Y., and J. G Walsh, Newark, N J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,372,353; Mar. 27.
Bascom, Roger C., Port Clinton, Ohio, assignor to The Standard Products Company, Detroit, Mich. Gasket material. 2,381,248; Aug. 7.
Basebe, Arthur C., Banstead, assignor to Hydraulic Coupling Patents Limited, Isleworth, England. Hydraulic coupling and brake. 2,370,438; Feb. 27.
Baselt, Walter H., Tucson, Ariz., and J. E. Flesch, assignors to American Steel Foundries, Chicago, Ill. Car truck. 2,366,691; Jan. 9.
Baselt, Walter H., Tucson, Ariz., and J. E. Flesch, assignors to American Steel Foundries, Chicago, Ill. Car truck. 2,375,206; May 8.
Basic Refractories, Inc.: *See*—
Lee, H. C., Lee, and Schoenlaub, assignors.
Basile, Salvatore, Bloomfield, Conn. Ship salvaging barge. 2,384,271; Sept. 4.
Basky, Matthew F., Ottawa, Ill. Hair curler. 2,387,822; Oct. 30.
Basquin, Olin H., Evanston, assignor to Streeter-Amet Company, Chicago, Ill. Locking device. 2,371,121; Mar. 6.
Basquin, Olin H., Evanston, assignor to Streeter-Amet Company, Chicago, Ill. Testing device. 2,375,209; May 8.
Bass, Lyman C., Lake Grove, Oreg. Weldrod holder and ejector. 2,383,951; Sept. 4.
Bass, Shailer L.: *See*—
Lawrence, A. A., and Bass.
Bass, Shailer L., and L. A. Rauner, Midland, and P. H. Lipke, Jr., Bay City, assignors to The Dow Chemical Company, Midland, Mich. Stabilizing cellulose ethers. 2,383,361; Aug. 21.
Bass, Shailer L., R. M. Upright, and F. L. Dennett, assignors to The Dow Chemical Company, Midland, Mich. Insolubilization of water-soluble cellulose ethers. 2,370,517; Feb. 27.
Bassett, Merton O.: *See*—
Sweet, A. L., and Bassett.
Bassett, Merton O., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,376,652; May 22.
Bassett, William H., Jr., Scarsdale, and C. J. Snyder, Hastings-on-Hudson, N. Y., assignors to Anaconda Wire and Cable Company. Lead base alloy and cable sheath composed thereof. 2,375,755; May 15.
Bassetti, Joseph: *See*—
Mendles, Theodore R., assignor.
Bassford, H. E.: *See*—
Sayler, William H., assignor.
Bassford, Henry H., Jr.: *See*—
Gardner, W. H., and Bassford.
Bassford, Henry H., Jr., Brooklyn, assignor to U. S. Shellac Importers Association, Inc., New York, N. Y. Preparing neutral shellac salts. 2,386,421; Oct. 9.
Bassford, Henry H., Jr., Brooklyn, assignor to U. S. Shellac Importers Association, Inc., New York, N. Y. Modified shellac product and making same. 2,387,049; Oct. 16.
Bassford, Henry H., Jr., Brooklyn, and W. H. Gardner, Bayside, N. Y. Shellac modified with primary aliphatic polyamines. 2,371,212; Mar. 13.
Bassick, Christine N., et al.: *See*—
Kendall, George H., assignor.
Bassick Company, The: *See*—
Claud-Mantle, Arthur, assignor.
Herold, Walter F., assignor.
Bassick, E. W., et al.: *See*—
Kendall, George H., assignor.
Bassick, E. W., Jr., et al.: *See*—
Kendall, George H., assignor.
Bassick, Grace M., et al.: *See*—
Kendall, George H., assignor.
Bassick, Marshall M., et al.: *See*—
Kendall, George H., assignor.
Bassick, Paulina M., et al.: *See*—
Kendall, George H., assignor.
Bassist, Ellis: *See*—
Toland, W. C., and Bassist.
Bassist, Ellis, assignor to W. C. Toland, trustee, Brookline, Mass. Preparing printing plates. 2,373,287; Apr. 10.
Bassler, Edward F., Lake Stevens, Wash. Automatic feeder for lumber grading tables. 2,374,659; May 1.
Basta, Joseph, Westbury, N. Y. Drill guide for template drilling. 2,370,770; Mar. 6.
Baster, Forest S., assignor to The White Motor Company, Cleveland, Ohio. Carburetor intake air heater. 2,369,937; Feb. 20.
Bastian, Arthur J., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bearing assembly. 2,381,249; Aug. 7.
Bastian Blessing Co., The: *See*—
Buttner, William C., assignor.
Evarts, Ralph E., assignor.
Johnson, William B., assignor.
Wigton, Matt H., assignor.
Bastiansen, Otto, Woodhaven, assignor of forty percent to A. Katz, Flushing, N. Y. Curtain rod. 2,374,575; Apr. 24.
Baston, Cyril E., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,369,997; Feb. 20.
Baston, Cyril E., Irwin, and L. J. Hibbard, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,367,919; Jan. 23.
Batchelder, Dean E., assignor to Lane-Wells Company, Los Angeles, Calif. Setting tool for bridging plugs. 2,382,770; Aug. 14.
Batchelder, George W., Mantua, R. L. Featherer, Wenonah, and J. E. Hughes, Bridgeport, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the treatment of waste acid. 2,366,309; Jan. 2.
Batchelder, Howard R.: *See*—
Hall, E. L., and Batchelder.
Batchelder, Howard R., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Separation of hydrocarbon emulsions. 2,383,362; Aug. 21.
Batchelder, Howard R., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Chemical process. 2,383,363; Aug. 21.
Batchelder, Laurence, Cambridge, assignor to Submarine Signal Company, Boston, Mass. Compressional wave transmitting and receiving apparatus. 2,380,931; Aug. 7.
Batchell, George W., Toledo, Ohio. Apparatus for forming batch bodies. 2,371,213; Mar. 13.
Batcheller, Clements, Glens Falls, N. Y. Alloy steel printing plate. 2,375,210; May 8.
Batcheller, Clements, Glens Falls, N. Y. Producing designs on stainless steel. 2,375,613; May 8.
Batchelor, John C.: *See*—
Treuhaft, Milton A., assignor.
Batelle Memorial Institute: *See*—
Clark, A., and Shutt, assignors.
Bateman, James R., Hatfield, England. Adjustable holder for electric lamps and the like purposes. 2,389,340; Nov. 20.
Bateman, Ralph C., assignor to Wingfoot Corporation, Akron, Ohio. Tire building apparatus. 2,369,998; Feb. 20.
Bates, C. J., & Son: *See*—
Moncrieff, R. W., and Bates.
Silliman, Louis A., assignor.
Bates, Clifford V., Chicago, Ill. Lighting fixture. 2,388,029; Oct. 30.
Bates, Ernest F., London, England. Electric signaling system. 2,367,258; Jan. 16.
Bates, Ernest F., assignor to Standard Telephones and Cables Limited, London, England. Fire alarm apparatus. 2,369,521; Feb. 13.
Bates, Harold: *See*—
Moncrieff, R. W., and Bates.
Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,375,756; May 15.
Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Regulation of catalytic activity. 2,375,757; May 15.
Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Control of heat transfer salts. 2,375,758; May 15.
Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Treatment of alkali metal salts. 2,375,761; May 15.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,378,904; June 26.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,378,905; June 26.

Bates, John R., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Residual hydrocarbon treatment. 2,380,391; July 31.

Bates, Lawrence G., Shaker Heights, Ohio. Liquid dispensing means. 2,387,699; Oct. 23.

Bates, Leon W., Trenton, N. J., assignor to American Machine and Foundry Company. Pin setting mechanism for bowling alleys. 2,388,708; Nov. 13.

Bates, Mark C., Chicago, Ill. Control method and apparatus. 2,366,170; Jan. 2.

Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Object controlling means. 2,368,628; Feb. 6.

Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro-magnetic compass. 2,380,932; Aug. 7.

Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Computing sight for gliding torpedos. 2,383,952; Sept. 4.

Bates, Raymond H., Waterbury, Conn. Lifting tongs. 2,385,049; Sept. 18.

Bath, Wilmer H.: *See*—
Jones, L. D., and Bath.

Bath, Wilmer H., West Conshohocken, assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separator. 2,380,014; July 10.

Batho, William F., assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway dump car door operating mechanism. 2,371,277; Mar. 13.

Bathurst, Cecil H., Merriam, Kans. Airplane construction. 2,388,380; Nov. 6.

Batorski, Edward J.: *See*—
Merrill, G. L., Carlin, and Batorski.

Battelle Development Corporation: *See*—
Sullivan, J. D., and Pavlish.

Battelle Memorial Institute: *See*—
Austin, C. R., and Sullivan, assignors.
Clark, A., and Shutt, assignors.
Faust, Charles L., assignor.
Jackson, Lloyd R., assignor.
Jackson, L. R., and Stewart, assignors.
Lorig, Clarence H., assignor.
Sherman, Ralph A., assignor.
Shutt, Richard S., assignor.

Batten, Otho S., Pikeville, Ky. Supporting the roofs or walls of underground workings. 2,371,789; Mar. 20.

Batten, Percy H., et al.: *See*—
Lysholm, Alf, assignor.

Batten, Percy H., et al., trustees: *See*—
Lysholm, Alf, assignor.

Batterson, Ernest W., assignor to Shakespeare Products Company, Kalamazoo, Mich. Control device. 2,373,739; Apr. 17.

Batterson, Ernest W., and E. A. Midling, assignor to Shakespeare Products Company, Kalamazoo, Mich. Motion take-up for control cables. 2,369,332; Feb. 13.

Batterson, Ernest W., and E. A. Midling, assignors to Shakespeare Products Company, Kalamazoo, Mich. Heavy-duty control cable. 2,380,015; July 10.

Batting, John G. G., Westport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vertical-axis rotary loop-takers for sewing machines 2,370,930; Mar. 6.

Batty, John W., and D. A. W. Fairweather, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of vat dyes from bis-(9 :9′-anthronylidene)-ethane. 2,385,185; Sept. 18.

Baucom, John C.: *See*—
Dunn, E. M., and Baucom.

Bauer A. G.: *See*—
Schori, Fritz, assignor.

Bauer, Andrew, Jr.: *See*—
Whewell, R., and Bauer.

Bauer, Benjamin B., assignor to S. N. Shure and F. Shure, as trustee, doing business as Shure Brothers, Chicago, Ill. Translating device. 2,381,861; Aug. 14.

Bauer, Charles A., Newburg, Ind. Hydraulic brake. 2,368,103; Jan. 30.

Bauer, Charles A., Newburg, assignor to Hoosier Cardinal Corporation, Evansville, Ind. Molded article. 2,376,305; May 15.

Bauer, Eddie: *See*—
Smith, Chesley A., assignor.

Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for the liquid treatment of yarn and the like. 2,369,769; Feb. 20.

Bauer, Hans F., Chicago, Ill., assignor, by mesne assignments, to Stein, Hall & Co., Inc. Amylaceous adhesive composition. 2,378,378; June 19.

Bauer, Henry R., and W. A. Bogg, Fairfield, Conn.; said Bogg assignor to said Bauer. Multiple cigarette or the like. 2,389,104; Nov. 13.

Bauer, Norman T., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Axial flow fan. 2,382,535; Aug. 14.

Bauer, Walter C.: *See*—
Briggs, S. W., and Bauer.
Briggs, S. W., Bauer, and Ewbank.

Bauer, William J., New York, assignor of fifty one hundredths to J. L. Dudley and fifty one hundredths to J. J. Moroney, Pleasantville, N. Y. Machine for automatically grinding thread gauges and the like. 2,380,286; July 10.

Bauersfeld, Walther, Jena, Germany; vested in the Alien Property Custodian. Apparatus for plotting maps from photographs. 2,387,555; Oct. 23.

Baugh, Everett L.: *See*—
Helvern, J. O., and Baugh.
Rike, R. C., and Baugh.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,376,569; May 22.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,379,674; July 3.

Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Hot bearing alarm. 2,385,487; Sept. 25.

Baum, Francis P., Chicago, Ill. Indexing unit. 2,385,396; Sept. 25.

Bauman, William C.: *See*—
Grebe, J. J., and Bauman.
Grebe, J. J., Bauman and Robinson.

Baumann, Charles L., Jr., New York, N. Y. Electric engine control apparatus. 2,381,250; Aug. 7.

Baumann, Charles L., Jr., New York, N. Y. Control apparatus for engines. 2,382,847; Aug. 14.

Baumann, Henry N., Jr., and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Aluminous material. 2,369,709; Feb. 20.

Baumann, Henry N., Jr., and C. E. Wooddell, assignors to The Carborundum Company, Niagara Falls, N. Y. Aluminous abrasive material. 2,383,035; Aug. 21.

Baumann, Roger C., West Memphis, Ark. Automatic coffee brewer or maker. 2,387,871; Oct. 30.

Baumann, Ross, Yuma, Ariz. Attachment for curtain rods. 2,378,970; June 26.

Baumbach, Emil A., River Forest, Ill. Dowel pin. 2,380,287; July 10.

Baumgardner, Versal F., Celina, Ohio. Material spreader. 2,378,825; June 19.

Baumgartner, Hans, Zurich, Switzerland. Electroacoustic transmission plant for reproduction in places with noise disturbances. 2,382,848; Aug. 14.

Baumgartner, Menno G., assignor to Tumath, Baumgartner and Block, Detroit, Mich. Skip bar for business machines. 2,375,888; May 15.

Baumgartner, Richard A., assignor to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,378,386; June 19.

Baunach, Roy J., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Retracting cord reel. 2,387,556; Oct. 23.

Baur, Hugo J., and T. E. Kulo, assignors, by mesne assignments, to City National Bank and Trust Company of Chicago, Chicago, Ill., as trustee. Fare registering mechanism. 2,374,321; Apr. 24.

Baur, John W.: *See*—
Gustafsson, E., and Baur.
Wilmes, W. L., Baur, and Gustafsson.

Bausch & Lomb Optical Company: *See*—
Aspenleiter, Joseph, assignor.
Aspenleiter, Joseph W., asssignor.
Bahn, Carl E., assignor.
Bausch, William, assignor.
Bouchard, Samuel E., assignor.
Brandt, J. F., and Stegeman, assignors.
Ellestad, Gerhard A., assignor.
Ellestad, G. A., and Salmon, assignors.
Flint, Edward F., assignor.
Gallasch, George B., assignor.
Hall, Leigh B., assignor.
Jobe, Frederick W., assignor.
Jones, F. L., and Zak, assignors.
Keller, Robert D., assignor.
Kurtz, John C., assignor.
Rayton, W. B., and Hudson, assignors.
Sheldon, Gilbert J., assignor.
Smyth, George F., assignor.
Stegeman, Raymond F. E., assignor.
Street, Donald T., assignor.
Swope, Joe E., Jr., assignor.
Trost, Henry W., assignor.
Turner, Arthur F., assignor.
Ullrich, Osmar A., Jr., assignor.
Wittig, Carl H. O., assignor.

Bausch, William, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ocular tube. 2,381,101; Aug. 7.

Baush Machine Tool Company: *See*—
Phillips, Harry F., assignor.

Baxter, Benjamin, and S. M. Kandarian, Fowler, Calif. Pressure shock absorber for welding systems. 2,367,662; Jan. 23.

Baxter, Benjamin, and S. M. Kandarian, Fowler, Calif. Valve unit. 2,389,887; Nov. 27.

Baxter, Bruce L., administrator: *See*—
Baxter, William E.

Baxter, Clement T., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Electrical device. 2,385,340; Sept. 25.
Baxter, Don, Inc.: *See*—
Perry, Landis H., assignor.
Baxter, Ernest W., Bradford, Pa., assignor to Dresser Industries, Inc. Snap ring lock coupling. 2,369,770; Feb. 20.
Baxter, George, Marion, Kans. Variable pitch screw propeller. 2,383,440; Aug. 28.
Baxter, James G., and C. D. Robeson, assignors to Distillation Products, Inc., Rochester, N. Y. Preparation of tocopherols. 2,379,420; July 3.
Baxter Laboratories, Inc.: *See*—
Nesset, Naurice M., assignor.
Baxter, Thomas R., Plainfield, N. J., assignor to Standard Brands Incorporated, New York, N. Y. Package of liquid material and container therefor. 2,382,536; Aug. 14.
Baxter, Warren P.: *See*—
Cary, H. H., and Baxter.
Baxter, William C., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Infant's folding toilet seat. 2,382,953; Aug. 21.
Baxter, William E., deceased, Floyd County, Ind.; B. L. Baxter, administrator; said administrator assignor to himself, individually. Portable stove. 2,384,272; Sept. 4.
Bay Chemical Company, Inc.: *See*—
Comstock, Rock L., assignor.
Comstock, R. L., and Reeves, Jr., assignors
Bay State Optical Company: *See*—
Nerney, George E., assignor.
Bay, Thomas J., and M. R. Machol, Washington, D. C. Heat dissipating system for bearings. 2,391,670; Dec. 25.
Bayer, Clyde E., Steubenville, Ohio, and C. E. Carr, Marland Heights, W. Va., assignors to National Steel Corporation. Making deep drawing steel. 2,390,346; Dec. 4.
Bayer, Leo J., St. Louis, Mo. Boiler cleaner. 2,367,656; Jan. 23.
Bayes, Alfred L., Kenmore, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Lubricant. 2,384,002; Sept. 4.
Bayles, Allison L., Larchmont, N. Y. Engine frame. 2,383,285; Aug. 21.
Bayles, Allison L., Larchmont, N. Y., assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Piston. 2,390,915; Dec. 11.
Bayles, John R., Clay Center, Kans., assignor to Industrial Patents Corporation, Chicago, Ill. Egg washing machine. 2,371,867; Mar. 20.
Bayles, John W., Roker, Sunderland, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Control of resistance welding machines. 3,277,601; June 5.
Bayless, James W., Los Angeles, Calif., assignor to Radio Corporation of America. Test method and system for variable gain amplifiers. 2,385,186; Sept. 18.
Bayley, Charles A. D., Montclair, N. J. Floating drydock. 2,375,762; May 15.
Bayley, Charles A. D., New York, N. Y. Floating dry dock. 2,385,341; Sept. 25.
Bayley, Elden D., Jr., Springfield, Ohio, assignor to The William Bayley Company. Protective coating. 2,366,477; Jan. 2.
Bayley, Warren V., Los Angeles, Calif. Correspondence portfolio. 2,390,864; Dec. 11.
Bayley, William, Company, The: *See*—
Bayley, Elden D., Jr., assignor.
Baylis, Albert H., North Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,367,920; Jan. 23.
Baylis, Henry E., Chicago, Ill. Golf bag. 2,368,095; Jan. 30.
Baylis, Robert N., Caldwell, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Ash receiver. 2,380,377; July 31.
Baynes, Staunton, Woodford Green, assignor to Asea Electric Limited, London, England. Hoist, crane, lift, and the like lifting apparatus. 2,373,007; Apr. 3.
Bayor, Eaton E.: *See*—
Barrans, W. T., and Bayor.
Bazille, Cyrille A. A., Gennevilliers, France; vested in the Alien Property Custodian. Regulating the operation of gas producers. 2,369,522; Feb. 13.
Bazley, Carl E., Schenectady, N. Y., assignor to General Electric Company. Latch mechanism. 2,378,173; June 12.
Bazley, Ralph L., and W. E. De Voe, Detroit, Mich. Vertical turret machine tool. 2,389,019; Nov. 13.
Bazner, Eugene, Providence, R. I. Safety attaching means for ear and like ornaments. 2,389,481; Nov. 20.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method and machine for attaching soles. 2,384,003; Sept. 4.
Beach, Frederick S., Plainfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Superheater. 2,368,629; Feb. 6.
Beach, Howard P., Jr., Washington, D. C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mooring buoy. 2,381,394; Aug. 7.
Beach, Justice H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,371,214; Mar. 13.
Beach, Lennox F.: *See*—
Esval, O. E., Curry, Fragola, and Beach.
Purves, J. C., and Beach.
Swaney, M. W., and Beach.
Beach, Lennox F., Longmeadow, assignor to Purves Corporation, Springfield, Mass. Indicator for magnetic fields. 2,383,459; Aug. 28.
Beach, Lennox F., Merrick, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyromagnetic compass. 2,391,442; Dec. 25.
Beach, Lennox F., Merrick, N. Y., and J. C. Purves, assignors to The Purves Corporation, Springfield, Mass. Magnetic field responsive device. 2,374,166; Apr. 24.
Beach, Lennox F., Merrick, O. E. Esval, Huntington, and A. W. Lane, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro rotor and mounting structure. 2,382,967; Aug. 21.
Beach, Willard C., Montville, N. J. Lock nut and making same. 2,367,259; Jan. 16.
Bead Chain Manufacturing Company, The: *See*—
Blatz, Warren C., assignor.
Beadle, Warren E., Jr., administrator: *See*—
Thiele, W. F., and Beadle.
Beadle, Warren E., Sr.: *See*—
Thiele, W. F., and Beadle.
Beagles, Rufus J., Fort Pierce, Fla. Ignition lock and switch. 2,391,119; Dec. 18.
Beal, Carl L., Silver Lake, assignor to American Anode Inc., Akron, Ohio. Making rubber products. 2,373,529; Apr. 10.
Beal, Fay, assignor to H. A. Douglas Manufacturing Co., Bronson, Mich. Electrical connection means. 2,380,916; Aug. 7.
Beal, Fay, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,384,273; Sept. 4.
Beal, James F., assignor to The Bryant Electric Company, Bridgeport, Conn. Adapter for lamp holders. 2,372,051; Mar. 20.
Beal, James F., assignor to Bryant Electric Company, Bridgeport, Conn. Switch. 2,372,541; Mar. 27.
Beale, Charles E.: *See*—
Gillings, C., and Beale.
Beall, Charles R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed governor. 2,388,946; Nov. 13.
Beall, Herbert W., Mishawaka, Ind. Glove. 2,373,940; Apr. 17.
Beam, James A., Mount Vernon, Ohio. Apparatus for marking egg-laying hens. 2,388,898; Nov. 13.
Beam, Vilynn O., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control mechanism. 2,371,020; Mar. 6.
Beam, Vilynn O., and J. M. Wilson, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control device. 2,379,871; July 10.
Bean, Arthur I.: *See*—
Miller, E. W., and Bean.
Bean, Calvin, Sykesville, Pa. License plate holder. 2,384,274; Sept. 4.
Bean, Donald O., assignor to Ring Balance Instrument Company, Chicago, Ill. Compensated measuring element. 2,379,874; July 10.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Single-powder photographic developers. 2,384,592; Sept. 11.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Antifoggant. 2,384,593; Sept. 11.
Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic developer. 2,388,816; Nov. 13.
Bean, Frederic R., and T. S. Donovan, assignors to Eastman Kodak Company, Rochester, N. Y. Amination of dihydric phenols. 2,376,112; May 15.
Bean, Xarifa, Yellow Springs, Ohio. Plaster body and making. 2,391,855; Dec. 25.
Beane, Walter H., Klamath Falls, Oreg. Mechanical break down. 2,372,647; Apr. 3.
Bear, Grover C.: *See*—
Tiede, Arthur J., assignor.
Beard, Bert: *See*—
Olson, E., Beard, and Udale, assignors.
Beard, Charles L., Lancaster, Pa. Drill guide. 2,383,953; Sept. 4.
Beard, Earl E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of tetra-alpha-chloroanthraquinone. 2,378,745; June 19.
Beard, George F., Toronto, Ontario, Canada, assignor to National Lead Company, New York, N. Y. Lead alloy. 2,370,439; Feb. 27.
Beard, James A., St. Louis County, Mo. Engine starter. 2,385,963; Oct. 2.
Beard, Joseph G., Haddonfield, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,380,496; July 31.
Bearden, La Moyne D.: *See*—
Malm, C. J., and Bearden.
Beardslee, William H., El Segundo, assignor to North American Aviation, Inc., Inglewood, Calif. Aircraft gun installation. 2,384,430; Sept. 11.

Beardsley, Harold, assignor to Michigan Steel Tube Products Co., Detroit, Mich. Weeding tool. 2,378,459; June 19.
Beardsley, Orrin C., Seattle, Wash. Apparatus for removing dust from feathers. 2,389,715; Nov. 27.
Beardsley & Piper Company, The: *See*—
Briner, Frank, assignor.
Clay, Murray G., assignor.
Moore, James W., assignor.
Beasecker, Raymond L., Grand Rapids, Mich., assignor, by mesne assignments, to W. B. Scarborough, Englewood, N. J., as trustee. Container for assemblies to be bonded. Re. 22,636; Apr. 24.
Beasecker, Raymond L., assignor to Haskelite Manufacturing Corporation, Grand Rapids, Mich. Apparatus for fabricating plywood structures. 2,380,573; July 31.
Beasing, George I., et al.: *See*—
Walker, Thomas G., assignor.
Beasley, Harold H., Portishead, and A. Weeks, Bristol, England. Syringe. 2,372,469; Mar. 27.
Beasley, Horace H., North Bergen, N. J. Wringer. 2,382,388; Aug. 14.
Beasley, Lee L.: *See*—
Beasley, Orvil L. and L. L.
Beasley, Orval L and L. L., Ferdinand, Idaho. Plow. 2,385,785; Oct. 2.
Beaton, Daniel H., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of bubble-free solid bodies from polymerizable sirups. 2,373,446; Apr. 10.
Beaton, Robert G., Brooklyn, assignor to American Can Company, New York, N. Y. Producing potential openings in fiber containers or other fiber articles. 2,390,072; Dec. 4.
Beattie, Horace S.: *See*—
Page, R. E., and Beattie.
Beattie, Horace S., East Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,381,862; Aug. 14.
Beattie, Horace S., East Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Alphabetic printing mechanism. 2,386,422; Oct. 9.
Beatty, Clarence A., San Francisco, Calif. Egg frying machine. 2,369,274; Feb. 13.
Beatty, Edward T., Birmingham, Ala. Equalizer for elevator cables. 2,385,488; Sept. 25.
Beatty, Floyd A., Pittsburgh, assignor to Treadwell Engineering Company, Easton, Pa. Mill. 2,389,888; Nov. 27.
Beatty, Harold A., Groose Pointe Farms, Mich., assignor to Ethyl Corporation, New York, N. Y. Manufacture of lead iodide. 2,366,953; Jan. 9.
Beatty, Henry M., Shaker Heights, assignor to The Kelley Island Lime and Transport Company, Cleveland, Ohio. Kiln. 2,386,835; Oct. 13.
Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lift mechanism. 2,373,447; Apr. 10.
Beauchamp, Wilfred A., and T. Madland, Chicago, Ill., assignors to The Youngstown Steel Door Company, Cleveland, Ohio. Car door and lock therefor. 2,387,109; Oct. 16.
Beaudoin, Francois, Saint Evariste, Quebec, Canada. Wool carding machine. 2,388,030; Oct. 30.
Beaudoin, Serge, St. Joseph, Quebec, Canada. Oscillator. 2,382,954; Aug. 21
Beaumier, Austin H., North Hollywood, Calif. Dispensing latex and the like. 2,375,515; May 8.
Beaumont Birch Company: *See*—
Hampton, John H., assignor.
Beaumont Iron Works Company: *See*—
Cooke, Edward F., assignor.
Beaumont, William M., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,374,072; Apr. 17.
Beau-T-Form Foundations, Inc.: *See*—
Sutter, Edward R., assignor.
Beaven, Leslie W., Chicago, Ill. Rotary internal-combustion engine. 2,366,478; Jan. 2.
Beaver, Charles J., Bowdon, E. L. Davey, Temperley, and J. H. Pirie, Hale, assignors to W. T. Glover & Company Limited, Trafford Park, England. High voltage electric cable termination and joint. 2,386,185; Oct. 9.
Beaver, David J., St. Albans, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Oil resistant thermoplastic and making. 2,382,462; Aug. 14.
Beaver, Howard W., Eagle Rock, Calif. Animal toy. 2,382,537; Aug. 14.
Beaver, John F., Jr., Dayton, Ohio. Bright copper plating. 2,391,289; Dec. 18.
Beaver Pipe Tools, Inc.: *See*—
Phillis, William A., assignor.
Beaver Tool & Engineering Corp.: *See*—
Cherry, Charles A., assignor.
Beavin, Alfred D., Eastport, Md. Seam ripper. 2,370,440; Feb. 27.
Bechberger, Paul F., and P. A. Noxon, Tenafly, assignors to Bendix Aviation Corporation, Bendix, N. J. Drift corrector. 2,384,004; Sept. 4.
Bechman, William O.: *See*—
Baker, D. B., and Bechman.
Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Air cleaner. 2,383,364; Aug. 21.
Bechtel, Marley E., Kenmore, N. Y. Perforating unit. 2,379,271; June 26.
Bechtold, Ira C.: *See*—
Hutchinson, A. J. L., and Bechtold.
Beck, Charles W., and J. W. Pick, assignors to The American Rolling Mill Company, Middletown, Ohio. Plate reversing mechanism. 2,386,925; Oct. 16.
Beck, Howard S., Portland, Oreg. Smoke and fume eliminator. 2,378,123; June 12.
Beck, Paul C., Bay Village, assignor to Aluminum Company of America, Pittsburgh, Pa. Thermally treating aluminum base alloy ingots and product thereof. 2,381,714; Aug. 7.
Beck, Virgil R., Elmhurst, Ill., assignor to Zenith Radio Corporation. Spread band tuning device. 2,383,462; Aug. 26.
Beck, William R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shuttle car. 2,370,441; Feb. 27.
Becker, Bernard C., deceased, Canton, Ohio, by B. E. Becker, executrix, York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner 2,366,479; Jan. 2.
Becker, Bernard M.: *See*—
Kanhofer, E. R., and Becker.
Becker, Bernice E., executrix: *See*—
Becker, Bernard C.
Becker, Ernest R., Oak Park, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle cleaning apparatus. 2,385,050; Sept. 18.
Becker, Gilbert C., Robbinsdale, Minn., assignor to General Mills, Inc. Work holder and indexing means. 2,369,425; Feb. 13.
Becker, Harry W., Chicago, Ill., assignor to Electronic Sound Engineering Company. Signal reproducing apparatus. 2,389,949; Nov. 27.
Becker, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Coking retort oven. 2,378,387; June 19.
Becker, Milton, Passaic, N. J. Secret pocket billfold. 2,387,490; Oct. 23.
Becker, Morris L., Chicago, Ill. Foot corrective appliance. 2,383,583; Aug. 28.
Becker, Sam B., assignor to Standard Oil Company, Chicago, Ill. Oxidation of organic compounds and manufacture of phthalic anhydride. 2,373,008; Apr. 3.
Becker, Sam B., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion of residual hydrocarbon oils. 2,378,531; June 19.
Becker, Sam B., Chicago, and M. H. Arveson, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Preparation of butadiene. 2,376,987; May 29.
Becker, Sylvan J., Maywood, Ill., assignor to General Motors Corporation, Detroit, Mich. Link belt for airplane cannon. 2,373,288; Apr. 10.
Becker, Walter, and W. Maass, Hamburg, Germany; vested in the Alien Property Custodian. Making bituminous materials. 2,383,701; Aug. 28.
Becket, Alan L., East Orange, N. J. Electrical terminal. 2,372,653; Apr. 3.
Beckett, Ernest G., Larbert, Scotland, assignor to Imperial Chemical Industries Limited. Dibenzanthrone compounds. 2,388,665; Nov. 13.
Beckham, Leland J., Geddes, assignor to The Solway Process Company, New York, N. Y. Organic sulphonates and making. 2,373,643; Apr. 17.
Beckham, Leland J., Geddes, and J. A. Crowder, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Reaction of unsaturated organic compounds with nitrosyl chloride. 2,371,418; Mar. 13.
Beckley, Arthur H., Jr., Portland, Oreg., assignor to The Moore Dry Kiln Company of Oregon. Roller drier. 2,386,286; Oct. 9.
Beckman, Charles H., St. Louis, Mo. Prevention and treatment of canine encephalitis. 2,391,540; Dec. 25.
Beckman, Richard, New York, N. Y. Rotary compressor or motor. 2,367,326; Jan. 16.
Beckwith, Edwin L., Brookline, and A. P. Swett, Westwood, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Shoe stiffener and making the same. 2,390,347; Dec. 4.
Beckwith, James E., Kosmos, Wash. Self-aligning piston. 2,390,289; Dec. 4.
Beckwith Manufacturing Company: *See*—
Beckwith, E. L., and Swett, assignors.
Lovell, S. P., and Russell, assignors.
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Dipper shovel loader. 2,366,480; Jan. 2.
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Shipper mechanism for excavating shovels. 2,388,305; Nov. 6.
Becton, Dickinson & Co.: *See*—
Lawshe, Errol R., assignor.
Becwar, Rudolph A., Chicago, assignor to Galvin Manufacturing Corporation, Chicago, Ill. Record changer. 2,368,086; Jan. 30.
Beddingfield, Wade R.: *See*—
Colley, George F., assignor.

Beddoes, Hubert, assignor to Pacific Flush Tank Company, Chicago, Ill. Pressure and vacuum relief device. 2,367,260; Jan. 16.

Beddow, Raymond, Toledo, Ohio. Aircraft package delivery. 2,371,670; Mar. 20.

Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Picture transmitting apparatus. 2,368,096; Jan. 30.

Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating apparatus and operating the same. 2,389,889; Nov. 27.

Bedford, Clay P., Berkeley, Calif. Prefabricating ships. 2,368,441; Jan. 30.

Bedford, Clay P., Berkeley, Calif. Shipbuilding. 2,368,442; Jan. 30.

Bedford, Howard E., Brentford, England, assignor, by mesne assignments, to Pyrene Development Corporation, Newark, N. J. Fire-foam producing apparatus. 2,373,009; Apr. 3.

Bedford, Leslie H., L. Jofeh, and W. H. Stevens, assignors to A. C. Cossor Limited, London, England. Electrical apparatus. 2,387,110; Oct. 16.

Bedford, William A., Jr., Boston, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Spring nut member. 2,382,936; Aug. 14.

Beebe, John D., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reeling apparatus. 2,386,086; Oct. 2.

Beebe, John D., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient wheel cushion. 2,390,290; Dec. 4.

Bee Bee Shoe Company: *See*—
Cohen, Harold W., assignor.

Beech Aircraft Corporation: *See*—
Dedrick, William H., assignor.
Harmon, Ralph M., assignor.

Beech, Fred J., Battle Creek, Mich. Gripping device. 2,389,756; Nov. 27.

Beechem, Henry A., and F. W. Fabian, East Lansing, Mich., assignors to P. W. Bonewitz Co., Burlington, Iowa. Destroying bacteria. 2,383,907; Aug. 28.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,369,007; Feb. 6.

Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,369,008; Feb. 6.

Beecher, John Winfred, assignor to The Bristol Company, Waterbury, Conn. Seal for differential pressure gauges. 2,367,087; Jan. 9.

Beecher, John Winfred, assignor to The Bristol Company, Waterbury, Conn. Protective apparatus for fluid meter. 2,374,523; Apr. 24.

Beede, Arnold H., Fairfield, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,378,174; June 12.

Beede, Robert J., Providence, and N. G. Monsarrat, Rumford, assignors to Pantex Pressing Machine, Inc., Central Falls, R. I. Washer. 2,370,285; Feb. 27.

Beeg, Hermann, and R. Schmidt, Magdeburg, Germany; vested in the Alien Property Custodian. Purifying phosphoric acid esters. 2,373,807; Apr. 17.

Beegle, Raymond E., East St. Louis, Ill. Brake mechanism for railway vehicles. 2,372,703; Apr. 3.

Beeh, Louis, Woodside, N. Y. Multiple metering pump. 2,388,462; Nov. 6.

Beeh, Louis, Longmeadow, Mass. Injection valve spark plug. 2,391,220; Dec. 18.

Beeh, Louis, Longmeadow, Mass. Multiple pump. 2,391,221; Dec. 18.

Beeh, Louis, Long Meadow, Mass., J. O. Forster, Long Island City, N. Y., and W. E. Meyer, New Haven, Conn., assignors to Bulova Watch Company, New York, N. Y. Fuel injection pump. 2,380,574; July 31.

Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Manufacture of organic nitrosyl chloride addition products. 2,370,518; Feb. 27.

Beekley, Henry L.: *See*—
Lacart, R. H., Gilbert, and Beekley.

Beekley, Henry L., Glen Ellyn, Ill., assignor to Electrimatic Corporation. Modulating valve. 2,387,225; Oct. 23.

Beekley, Henry L., Glen Ellyn, and R. H. Lacart, Chicago, Ill., assignors to The Electrimatic Corporation. Valves. 2,373,654; Apr. 17.

Beekley, Nathan S., Jr.: *See*—
Vanderbilt, B. M., and Beekley.

Beekley, Nathan S., Jr., Westfield, N. J., assignor to Jasco, Incorporated. Cured polymer mixture. 2,383,839; Aug. 28.

Beekman, Robert L., assignor to C. R. Miller, Miami, Fla. Pump. 2,376,025; May 15.

Beeman, Lyle, Milwaukee, Wis., assignor to The Master Electric Company, Dayton, Ohio. Electromagnetic circuit controller. 2,371,601; Mar. 20.

Beer, Ludwig, H. Berg, and W. Gruber, Burghausen, Germany; vested in the Alien Property Custodian. Cooling and heating liquids. 2,387,557; Oct. 23.

Beerbower, Alan, Westfield, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Lubricants. 2,372,052; Mar. 20.

Beerbower, Alan, Kenilworth, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Preparation of lubricating greases and apparatus therefor. 2,374,913; May 1.

Beerend, Ray F., Bay Village, Ohio. Bake pan. 2,391,767; Dec. 25.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Radio warning system. 2,367,327; Jan. 16.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Color television system. 2,378,746; June 19.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Loop input system for radio receivers. 2,383,286; Aug. 21.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Television pickup control system. 2,383,365; Aug. 21.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Television view finder. 2,384,232; Sept. 4.

Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Deflection control system. 2,385,563; Sept. 25.

Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Stoker. 2,373,448; Apr. 10.

Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Stoker. 2,384,432; Sept. 11.

Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Grate. 2,384,433; Sept. 11.

Beesch, Samuel C.: *See*—
Legg, D. A., and Beesch.

Beesley, Harold G.: *See*—
Dirksen, O. A., and Beesley.

Beestrum, Olaf G., St. Louis County, assignor to Samuels Shoe Company, St. Louis, Mo. Shoe construction. 2,384,431; Sept. 11.

Begeman, Charles R.: *See*—
Cramer, P. L., and Begeman.

Begg, Percy R., Springfield, South Australia, Australia. Orthodontic band clamp. 2,378,279; June 12.

Begg, Thomas, Nutley, N. J., assignor to American Can Company, New York, N. Y. Container. 2,370,132; Feb. 27.

Beguin, Albert E., Rochester, N. Y., and D. R. Swan, Cleveland, Ohio, assignors to Eastman Kodak Company, Rochester, N. Y. Subbing photographic film. 2,388,817; Nov. 13.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Timing. 2,370,133; Feb. 27.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Timing device. 2,370,134; Feb. 27.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Recording and reproducing device. 2,378,388; June 19.

Begun, Semi J., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Recording-reproducing device. 2,378,389; June 19.

Begun, Semi J., Cleveland Heights, assignor to Magnetone Inc., Cleveland, Ohio. Magnetic recording and reproducing. 2,380,392; July 31.

Behne, Rudolf, and W. Buhs, Berlin, Germany; vested in the Alien Property Custodian. Television pick-up tube. 2,374,914; May 1.

Behrendt, John G., and L. C. Ruthy, Chicago, assignors, by mesne assignments, to Cicero State Bank, Cicero, Ill., as trustee. Burner. 2,369,999; Feb. 20.

Behrens, Herbert C., Haddon Heights, assignor to Samuel M. Langston Co., Camden, N. J. Speed control mechanism for cutoffs. 2,389,341; Nov. 20.

Behrens, William O., Harvey, Ill. Oil burner fuel control. 2,378,379; June 19.

Behrman, Abraham S., assignor to Infilco Incorporated, Chicago, Ill. Preparation of carbonaceous base exchange material. 2,376,896; May 29.

Behrman, Abraham S., Chicago, and H. B. Gustafson, La Grange, Ill., assignors to Infilco Incorporated. Liquid treatment. 2,376,897; May 29.

Behrman, Abraham S., Chicago, Ill., assignor to Infilco Incorporated. Purification of sugar solutions. 2,388,222; Oct. 30.

Behrman, Abraham S., assignor to Infilco Incorporated, Chicago, Ill. Purification of sugar solutions and the like. 2,388,223; Oct. 30.

Behrman, Abraham S., assignor to Infilco Incorporated, Chicago, Ill. Purification of sugar solutions. 2,388,224; Oct. 30.

Behr-Manning Corporation: *See*—
King, William H., assignor.
Oglesby, Nicholas E., assignor.

Beiger, Tyrrell A. S.: *See*—
Nichols, Floyd A., assignor.

Beikirch, Edward G., Rochester, N. Y. Combined photomount and frame. 2,381,964; Aug. 14.

Beil, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Supporting screen cloth. 2,381,029; Aug. 7.

Beile, Walter C., Chicago, Ill. Constructional toy. 2,383,441; Aug. 28.

Beinhoff, William K., Cleveland, Ohio. Shaping press. 2,386,535; Oct. 9.

Beishline, Guy C., Berwick, Pa., and C. F. Walp, Buffalo, assignors to American Car and Foundry Company, New York, N. Y. Flanging bimetallic plates. 2,383,584; Aug. 28.
Beith Haroshet l'Ma'tafot "Doar" Loewy & Kuehl: *See*— Teicher, Abraham, assignor.
Beitzel, Horace C., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Hitch for trailers. 2,377,315; June 5.
Belada, John, Glassboro, N. J., assignor to Owens-Illinois Glass Company. Feed control for lining machines. 2,391,381; Dec. 25.
Belada, John, Glassboro, N. J., and W. B. Hullhorst, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Article transfer mechanism. 2,377,294; May 29.
Belaieff, James F., assignor of two-thirds to Cyril Terence Delaney and Gallay, Limited, Cricklewood, London, England. Radiator. 2,376,749; May 22.
Belaieff, James F., assignor of two-thirds to C. T. Delaney, and Gallay, Limited, Cricklewood, London, England. Water and oil cooler. 2,381,251; Aug. 7.
Belanger, Albert P. D., Chicago, Ill. Manufacturing bands. 2,377,857; June 12.
Belanger, Albert P. D., Alton, Ill. Display panel and the like. 2,379,336; June 26.
Belanger, Emile, Drummondville, Quebec, Canada. Handle guide. 2,377,745; June 5.
Belch, Emil E., Kansas City, Mo. Wallpaper cutting, pasting, and folding machine. 2,373,644; Apr. 17.
Belcher, Harold H.: *See*— Sibson, W. W., Jr., and Belcher.
Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,369,523; Feb. 13.
Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,374,073; Apr. 17.
Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Production of anhydrous magnesium chloride. 2,381,994; Aug. 14.
Belchetz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Production of anhydrous magnesium chloride. 2,381,995; Aug. 14.
Belchetz, Arnold, Larchmont, N. Y., assignor to Stauffer Chemical Company. Purifying carbon disulphide. 2,391,541; Dec. 25.
Belchetz, Arnold, Larchmont, and M. M. Perkins, Plandome, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,366,171; Jan. 2.
Belchetz, Arnold, Kew Gardens, N. Y., and H. M. Nelly, Jr., assignors to The M. W. Kellogg Co., Jersey City, N. J. Regeneration of spent catalysts. 2,374,660; May 1.
Belchetz, Leonard: *See*— Buis, M., and Belchetz.
Belcourt, Paul J., Meriden, Conn. Automatic multiple buffing machine. 2,386,649; Oct. 9.
Belden, Burton C.: *See*— Weeks, R. L., and Belden.
Belden, Charles W., assignor to The Kemper-Thomas Company, Cincinnati, Ohio. Lamp shading device. 2,374,161; Apr. 24.
Belden Manufacturing Company: *See*— McQuiston, Dwight D., assignor.
Belden, Perry, Lansdale, Pa., assignor to National Union Radio Corporation, Newark, N. J. Carton. 2,377,602; June 5.
Belden, Perry, Lansdale, Pa., assignor to National Union Radio Corporation, Newark, N. J. Carton. 2,377,603; June 5.
Belden, Perry, Lansdale, Pa., assignor to National Union Radio Corporation, Newark, N. J. Carton. 2,377,604; June 5.
Beldi, Fritz, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Demountable high-vacuum hot-cathode rectifier. 2,390,683; Dec. 11.
Beldue, William J.: *See*— Tuttle, W. R., and Beldue.
Bel Geddes, Norman: *See*— Wales, Nathaniel B. Wales, Nathaniel B., assignor. Wales, N. B., and Bel Geddes.
Bel Geddes, Norman, and Company: *See*— Wales, N., and Bel Geddes, assignors.
Bell, Adam C.: *See*— Dreger, E. E., and Bell.
Bell Aircraft Corporation: *See*— Bowers, Herbert L., assignor. Dobmeier, H. J., and Weingartner, assignors. Joachimi, Jacob, assignor. Maurer, Le Roy F., assignor. Trotter, John C., assignor. Trotter, J. C., and Jewett, assignors. Weichbrodt, P. P., and Williamson, assignors. Young, Arthur M., assignor.
Bell, Arthur, London, N. 1, England, assignor to American Machine & Foundry Company, New York, N. Y. Bronzing apparatus. 2,373,991; Apr. 17.
Bell, Charles C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Bearing assembly. 2,384,005; Sept. 4.
Bell, Charles C., Marblehead, and W. V. Goodhue, Ipswich, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Gun sighting device. 2,390,980; Dec. 18.
Bell Co., Inc., The: *See*— Allderdice, Charles E., Jr., assignor.
Bell, David A., London, England, assignor to Radio Patents Corporation. Frequency modulator. 2,384,789; Sept. 18.
Bell, Davitt S., and O. R. Wikander, Pittsburgh, assignors to Edgewater Steel Company, Oakmont, Pa. Automatic gun. 2,370,835; Mar. 6.
Bell, Edward R.: *See*— Rust, F. F., and Bell.
Bell, Elmer M., Ajo, Ariz. Harvesting machine. 2,374,162; Apr. 24.
Bell, Herbert A.: *See*— Goode, Joseph T., assignor.
Bell & Howell Company, The: *See*— Eisler, Henry G., assignor. Howell, A. S., assignor. Howell, Albert S., assignor. McNabb, Louis A., assignor. Stechbart, Bruno, assignor. Stechbart, B., and Strauss, assignors.
Bell, John F., assignor to Zenith Radio Corporation, Chicago, Ill. Temperature compensated tuned circuit. 2,371,790; Mar. 20.
Bell, John P., Baltimore, Md. Dental floss holder. 2,376,750; May 22.
Bell, Julius C., Swampscott, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,387,050; Oct. 16.
Bell Laboratories, Incorporated: *See*— Blattner, David G., assignor. Hartley, Ralph V. L., assignor. Kleimack, J. L., and Pearson, assignors.
Bell, Leroy V., Wakefield, R. I. Mother ship. 2,386,650; Oct. 9.
Bell, Leroy V., Wakefield, R. I. Cigarette package cover. 2,388,519; Nov. 6.
Bell, Louis N., and R. R. and H. E. Harris, Sault Ste. Marie, Mich. Pontoon motorboat. 2,369,129; Feb. 13.
Bell, Maurice E., Cambridge, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Treatment of bearing surfaces with lubricants. 2,387,872; Oct. 30.
Bell, Ralph L.: *See*— Palmer, J. A., and Bell.
Bell, Richmond T., Deerfield, H. O. Folkins, Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,374,167; Apr. 24.
Bell, Richmond T., and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,384,877; Sept. 18.
Bell, Samuel A.: *See*— Carpenter, V. W., Bell, and Heck.
Bell, Stanley A.: *See*— Hughes, H. R., and Bell.
Bell Telephone Laboratories, Incorporated: *See*— Abraham, Leonard G., assignor. Abraham, L. G., and Mitchell, assignors. Alford, E. L., and Martin, assignors. Atkins, George E., assignor. Bacon, Walter M., assignor. Bacon, W. M., and Kinkead, assignors. Bacon, W. M., Kinkead, and Krecek, assignors. Baker, Clarence I., assignor. Baker, William O., assignor. Barber, Charles C., assignor. Barney, Harold L., assignor. Barry, J. F., and Logan, assignors. Bascom, Henry M., assignor. Bascom, H. M., Goddard, and Walsh, assignors. Beaumont, William M., assignor. Bennett, William R., assignor. Biggs, Burnard S., assignor. Biggs, B. S., White, and Yager, assignors. Black, Harold S., assignor. Bode, Hendrik W., assignor. Bollman, J. H., and Wilson, assignors. Bond, Walter L., assignor. Bonorden, Allen R., assignor. Bowne, Langford J., assignor. Branson, David E., assignor. Brown, John T. L., assignor. Burgess, Harry A., assignor. Busch, Aloysius J., assignor. Carr, James A., assignor. Carter, Charles W., Jr., assignor. Christopher, Harold N., assignor. Clark, Alva B., assignor. Clark, J. E., Fay, and Ronci, assignors. Cook, John C., assignor. Corso, Frank S., assignor. Cory, Samuel I., assignor. Cox, Leslie R., assignor. Curran, Stanley T., assignor. Davey, James R., assignor. Dennis, F. R., and Felch, assignors. Depp, Wallace A., assignor. D'heedene, Albert R., assignor. Dickieson, Alton C., assignor.

Bell Telephone Laboratories, Incorporated: *See*—Contd.
Dickten, Emil, Jr., assignor.
Dimond, Thomas L., assignor.
Dowey, Thomas L., assignor.
Dunlap, K. S., Kelsall, Lovell, and Mallina, assignors.
Dysart, Birney, assignor.
Eckardt, Helmuth, assignor.
Edson, William A., assignor.
Edwards, Paul G., assignor.
Edwards, W. H., and Shann, assignors.
Egerton, Lawson, assignor.
Espenschied, Lloyd, assignor.
Fair, Irvin E., assignor.
Felch, Edwin P., Jr., assignor.
Fisk, James B., assignor.
Fitch, K. E., Large, and Lucek, assignors.
Foley, J. W., and Emling, assignors.
French, Norman R., assignor.
Friend, Otto A., assignor.
Frosch, Carl J., assignor.
Fuller, Calvin S., assignor.
Galbick, Chester J., assignor.
Gardner, L. A., and Richards, assignors.
Gibney, Robert B., assignor.
Goddard, Myron C., assignor.
Goff, Harold W., assignor.
Gordon, Chester S., assignor.
Gorton, William S., assignor.
Graham, Robert E., assignor.
Grisdale, Richard O., assignor.
Hampton, L. N., and Shangle, assignors.
Harrison, Henry C., assignor.
Harry, William R., assignor.
Hartley, Ralph V. L., assignor.
Hecht, George, assignor.
Hefele, John R., assignor.
Hersey, Ralph E., assignor.
Holden, William H., assignor.
Holden, William H. T., assignor.
Hopkins, Harris F., assignor.
Hose, R. H., and Niles, assignors.
Hubbard, Francis A., assignor.
Hulbert, Arthur D., assignor.
Ingram, Sydney B., assignor.
Ives, Herbert E., assignor.
Jansky, Karl G., assignor.
Johnson, Kenneth S., assignor.
Johnson, Lewis H., assignor.
Kannenberg, Walter F., assignor.
Kinkead, Fullerton S., assignor.
Kinkead, F. S., and Krecek, assignors.
Kinkead, F. S., and Lang, assignors.
Kittredge, Linus E. assignor.
Knowlton, Clarence S., assignor.
Kohman, G. T., and Prescott, assignors.
Krecek, Joseph A., assignor.
Krecek, J. A., assignor, and Walker. (Krumreich, C. L., assignor), and Meehan.
Laico, Joseph P., assignor.
Lang, Wilmarth Y., assignor.
Large, Wayne V. K., assignor.
Large, W. V. K., and Singer, assignors.
Leuvelink, Bernard, assignor.
Lewis, Herbert A., assignor.
Llewellyn, Frederick B., assignor.
Lucek, Charles W., assignor.
Lum, George R., assignor.
Lundry, Walter R., assignor.
Lundstrom, Alexis A., assignor.
Lutomirski, Karel, assignor.
MacKenzie, Donald, assignor.
Mahoney, John J., Jr., assignor.
Mallina, Rudolph F., assignor.
Malthaner, Wm. A., assignor.
Marble, Frank G., assignor.
Marrison, Warren A., assignor.
Martins, Arthur S., assignor.
Mason, Warren P., assignor.
Massonneau, Robert F., assignor.
Mathes, Robert C., assignor.
McDavitt, Marcellus B., assignor.
McKim, B., and Myers, assignors.
McLean, David A., assignor.
Meacham, Larned A., assignor.
Miller, Charles G., assignor.
Miller, Ohmer R., assignor.
Mitchell, Doren, assignor.
Morton, Edmund R., assignor.
Mueller, Robert, assignor.
Murphy, Edward J., assignor.
Murphy, O. J., and Newby, assignors.
Nesbitt, Ethan A., assignor.
Newby, Neal D., assignor.
Newby, N. D. and Vaughan, assignors.
Nielsen, John E., assignor.
Nyquist, Harry, assignor.
Ohl, Russell S., assignor.
Parker, R. D., and Weaver, assignors.
Pearson, Gerald L., assignor.
Pfleger, Kenneth W., assignor.
Polkinghorn, Frank A., assignor.
Porter, Leslie F., assignor.
Potter, Ralph K., assignor.
Potter, J. A., and Trucksess, assignors.

Bell Telephone Laboratories, Incorporated: *See*—Contd.
Priessman, Neil Y., assignor.
Pruden, Harold M., assignor.
Rasmussen, Osvald E., assignor.
Rea, W. T., and Wilkerson, assignors.
Ricker, Ralph H., assignor.
Rigterink, Merle D., assignor.
Ronci, Victor L., assignor.
Schelkunoff, Sergei A., assignor.
Schneckloth, Harry H., assignor.
Shafer, Ira C., Jr., assignor.
Shanck, Roy B., assignor.
Shann, Oscar A., assignor.
Shaw, Robert C., assignor.
Skellett, Albert M., assignor.
Spahn, Charles F., Jr., assignor.
Spencer, Harry H., assignor.
Sprague, Vinton G., assignor.
Staples, E. M., Taylor, and Michael, assignors.
Stibitz, George R., assignor.
Stubner, Franz W., assignor.
Swart, Leland K., assignor.
Swezey, Burdette S., assignor.
Sykes, Roger A., assignor.
Taylor, Charles C., assignor.
Taylor, Raymond L., assignor.
Teal, Gordon K., assignor.
Terry, Donald M., assignor.
Thomas, Alton B.
Thurber, E. A., and Wooten, assignors.
Trucksess, David E., assignor.
Van Inwagen, Charles L., Jr., assignor.
Van Wynen, Kenneth G., assignor.
Vaughan, Henry E., assignor.
Walsh, John G., assignor.
Watson, E. F., assignor.
Weaver, Allan, assignor.
Webber, Carroll A., assignor.
West, John W., assignor.
Wilhelm, Henry T., assignor.
Willard, Gerald W., assignor.
Williams, Ernest P., assignor.
Williams, Samuel B., assignor.
Wooten, Leland A., assignor.
Zinn, Manvel K., assignor.

Bell, Wade I., and J. S. McKinley, Great Bend, Kans. Pressure responsive device. 2,381,429; Aug. 7.

Bell, Walter G., Cumberland, Md. Window blinds. 2,377,746; June 5.

Bell and Wallace Manufacturing Corporation: *See*—
Wallace, Walter E, assignor.

Bellamy, Albert L.: *See*—
Bellamy, Malcolm R., assignor.

Bellamy, John I.: *See*—
Nelson, R. M., and Bellamy.

Bellamy, Malcolm R., assignor of fifty per cent to A. L. Bellamy, Kingsport, Tenn. Sheet delivery control arrangement in printing presses. 2,384,523; Sept. 11.

Belle Isle, A. L.: *See*—
Hicks, James A., assignor.

Bellefont Associates: *See*—
Weisberg, Mark, assignor.

Bellig, Joseph S., North Mankato, Minn. Feed-back shield for threshing machines. 2,366,828; Jan. 9.

Bellingham Iron Works, Inc.: *See*—
Morris, Wesley W., assignor.

Belluche, Frank R., assignor to The Christensen Machine Company, Racine, Wis. Side register for sheet feeders. 2,368,098; Jan. 30.

Belluche, Frank R., assignor to Christensen Machine Company, Racine, Wis. Sheet delivery mechanism. 2,381,430; Aug. 7.

Belmag Zurich, Beleuchtungs-& Metallindustrie Aktiengesellschaft: *See*—
Eigenheer, Jakob, assignor.

Belmont Radio Corporation: *See*—
Archenbronn, George E., assignor.
D'Orio, P. A., and Huff, assignors.
Plensler, Alexander W., assignor.

Beloit Iron Works: *See*—
Berry, Earl E., assignor.
Berry, E. E., and Hornbostel, assignors.
Hornbostel, Lloyd, assignor.
Hornbostel, L., and Berry, assignors.

Belt, Vernon C., West Allis, Wis. Continuous wire tying baler. 2,367,180; Jan. 16.

Beltice Corporation: *See*—
Knowles, Frank W., assignor.

Beltrami, Vittorio, Milan, Italy, assignor to Automatic Electric Laboratories Inc. Impulse sender for use in telephone or like systems. 2,368,104; Jan. 30.

Beltz, Lester L., assignor to Packard Motor Car Company, Detroit, Mich. Apparatus for controlling transmission mechanism. 2,380.717; July 31.

Belz, August, Goldach, Switzerland. Shaving mechanism. 2,374,724; May 1.

Bemis Bro. Bag Company: *See*—
Brady, Charles V., assignor.
Le Roy, Robert B., assignor.
Weeks, Arnold N., assignor.
Weeks, N. E., and Le Roy, assignors.
Williams, Russell J., assignor.

Bemis, Irving W., Natick, Mass. Adjustable work support for use in machining operations. 2,390,865; Dec. 11.

Bemis, Kenneth E., Oakland, Calif. Apportioning apparatus. 2,366,379; Jan. 2.
Benander, George B., Oaklawn, R. I., assignor to The Monowatt Electric Corporation. Electric cord terminal. 2,371,494; Mar. 13.
Benander, George B., Oaklawn, R. I., assignor to Monowatt Electric Corporation. Electrical connector. 2,374,971; May 1.
Benander, George B., Oaklawn, R. I., assignor to Monowatt Electric Corporation. Electrical connector. 2,389,455; Nov. 20.
Benaway, Bernard G., Hollywood, assignor to Aircraft Accessories Corporation, Burbank, Calif. Selector valve. 2,366,693; Jan. 9.
Benaway, Bernard G., Los Angeles, Calif., assignor to Aireon Manufacturing Corporation. Selector valve. 2,376,322; May 22.
Bench, David E.: *See*—
Drummond, F. E., and Bench.
Bench, David E., M. A. Crosby, and H. A. Toulmin, Jr., assignors to The Hydraulic Development Corp., Inc., Dayton, Ohio. Multiple turret lathe. 2,374,577; Apr. 24.
Bench, David E., and M. A. Crosby, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Indicating mechanism for liquid dispensing devices. 2,378,532; June 19.
Benckert, Willis, J., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Underwater fuel storage system. 2,383,840; Aug. 28.
Bencowitz, Isaac, Newgulf, assignor to Texas Gulf Sulphur Company, Houston, Tex. Producing factis. 2,382,284; Aug. 14.
Bender, Elmer H., Phillips, Tex., assignor to Phillips Petroleum Company. Hydrocarbon sweetening. 2,373,645; Apr. 17.
Bender, Frank P.: *See*—
Wimer, H. D., Jr., and Bender.
Bender, John C., assignor to McCullough Tool Company, Houston, Tex. Well logging. 2,366,694; Jan. 9.
Bender, Karl, Wurzburg, Germany; vested in the Alien Property Custodian. Compression resistant chains. 2,375,461; May 8.
Bender, Karl, Wurzburg, Germany; vested in the Alien Property Custodian. Compression resistant group of flat link chains. 2,375,462; May 8.
Bender, Richard O.: *See*—
Pedersen, C. J., and Bender.
Bendett, Raymond M.: *See*—
Sullivan, J. F., and Bendett.
Bender, Richard O., Ridley Park, Pa., assignor to Sinclair Refining Company, New York, N. Y. Lead sulphide catalysts. 2,376,223; May 15.
Bendix Aviation Corporation: *See*—
Adair, Paul F., assignor.
Adams, H. W., and Klemperer, assignors.
Allen, Joseph W., assignor.
Alvino, Alphonse V., assignor.
Baade, Henry, assignor.
Baer, Howard E., assignor.
Bechberger, P. F., and Noxon, assignors.
Bremser, Albert T., assignor.
Brown, David H., assignor.
Brown, Jesse B., assignor.
Boyce, Edward D., assignor.
Chambers, Allan C., assignor.
Coe, Albert A., assignor.
Colt, R. B., and Chappell, assignors.
Gregg, David, assignor.
Davis, Robert J., assignor.
De Kiss, Nicholas, assignor.
Deschamps, D. J., Dow, and Clarke, assignors.
Douglas, R. M., and Huyck, assignors.
Elkin, Manuel H., assignor.
Erle, Donald Z., assignor.
Frazier, Elmer E., assignor.
Frazier, Radford K., assignor.
François, Jean, assignor.
Frei, Jakob R., assignor.
Gilbert, Samuel, assignor.
Goepfrich, Rudolph A., assignor.
Goepfrich, R. A., and House, assignors.
Goepfrich, R. A., and White, assignors.
Gregg, David, assignor.
Gregg, George W., assignor.
Harrison, R. R., and Score, assignors.
Heidloff, Joseph R., assignor.
Heineck, P. B., and Meddock, assignors.
Hellen, James S., assignor.
Hermansen, Evald, assignor.
Hood, E. Elliot, assignor.
House, Bryan E., assignor.
Hurley, Roy T., assignor.
Jandasek, Joseph, assignor.
Kearney, Daniel P., assignor.
Kimball, Vernon R., assignor.
Kreager, Paul H., assignor.
Lawrence, D. M., and Lehman, assignors.
Lehman, Samuel K., assignor.
MacCallum, A. M., and Noxon, assignors.
MacNeil, C. I., and Mock, assignors.
Marmont, George H., assignor.
McGrath, W. L., and Whitney, assignors.
Miller, Anthony, assignor.
Bendix Aviation Corporation: *See*—Continued
Miller, Raymond J., assignor.
Mock, Frank C., assignor.
Moore, Vernon, assignor.
Nardone, Romeo M., assignor.
Noxon, Paul A., assignor.
Phillips, John P., assignor.
Pond, W. B., and Holt, assignors.
Pontius, George W., III, assignor.
Pontius, G. W., III, and Reek, assignors.
Pontius, G. W., III, and Wilson, assignors.
Price, Earl R., assignor.
Price, Harold W., assignor.
Reek, Royal J., assignor.
Riggen, Theodore K., assignor.
Rylasky, Gregory V., assignor.
Sawyer, Marc C., assignor.
Sekella, Michael, assignor.
Spengler, Walter, J., assignor.
Stelzel, Roderick W., assignor.
Strebinger, Richard R., assignor.
Stuart, Alfred A., Jr., assignor.
Sullivan, J. F., and Bendett, assignors.
Tognola, Tullio, assignor.
Trautman, Walter C., assignor.
Webster, Sidney H., assignor.
White, John W., assignor.
Williams, Harry A., assignor.
Winkler, A. H., and Gore, assignors.
Bendix Home Appliances, Inc.: *See*—
Oliver, Wallace F., assignor.
Bendix Products Corporation: *See*—
Mock, Frank C., assignor.
Mock, Frank S., assignor.
Bendix Stromberg Carburetor Company: *See*—
Hunt, Scott F., assignor.
Bendix, Vincent, South Bend, Ind., assignor, by mesne assignments, to Langley Aviation Corporation, New York, N. Y. Veneer press. 2,390,684; Dec. 11.
Bendix-Westinghouse Automotive Air Brake Company: *See*—
Eaton, Wilfred A., assignor.
Fitch, Ellery R., assignor.
Fowler, Elbert, assignor.
Leukhardt, Arthur R., assignor.
Ohl, Clyde A., assignor.
Sanford, R. S., and Andres, assignors.
Turek, Thomas J., assignor.
Benecke, Louis A., St. Louis, Mo. Practice golf club. 2,388,463; Nov. 6.
Benedek, Elek K., Bucyrus, Ohio. Propeller mechanism. 2,382,389; Aug. 14.
Benedek, Elek K., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Pump. 2,373,449; Apr. 10.
Benedetto, Leonard, Alliance, Ohio. Die set. 2,370,836; Mar. 6.
Benedict, Leon C., Mansfield, Mass. Smoking device. 2,378,175; June 12.
Benedict, Wayne L.: *See*—
Mattox, W. J., and Benedict.
Benford, Frank, Schenectady, N. Y., assignor to General Electric Company. Apparatus employed in computing illumination. 2,371,495; Mar. 13.
Benignus, Paul G., Belleville, Ill., assignor to Monsanto Chemical Company, St. Louis, Mo. Fungusproofing textiles. 2,381,863; Aug. 14.
Benin, Zolmon, Glen Ellyn, Ill., assignor to Zenith Radio Corporation. Spread band tuning device. 2,383,463; Aug. 28.
Benjamin, Claude A.: *See*—
Smith, Jacob A., assignor.
Benjamin, Milton L., Cleveland, and S. S. Benjamin, University Heights, Ohio; said S. S. Benjamin assignor to said M. L. Benjamin. Expanding arbor. 2,383,036; Aug. 21.
Benjamin, Stanley S.: *See*—
Benjamin, Milton L. and S. S.
Benjamin, Walter E., assignor to Pierce Governor Company, Anderson, Ind. Automatic compensating centrifugal governor. 2,369,426; Feb. 13.
Benke, Roy, Shreveport, La., assignor to The Atlantic Refining Company, Philadelphia, Pa. Coring device. 2,372,875; Apr. 3.
Benn, Howard H., Detroit, Mich., assignor to C. V. Pearce, Oak Park, Ill. Wood plane. 2,371,946; Mar. 20.
Benn, Howard H., Detroit, Mich. Wood plane. 2,383,841; Aug. 28.
Benn, Stephen J., Philadelphia, Pa. Reverse cycle heating and cooling system. 2,376,859; May 29.
Benner, Inc.: *See*—
Schiemer, Charles J., assignor.
Benner, Dale A., Alton, Ill. Rail bender. 2,367,710; Jan. 23.
Benner, Raymond C.: *See*—
Baumann, H. N., Jr., and Benner.
Bennett, Alva H., Kenmore, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical system. 2,388,031; Oct. 30.
Bennett, Alva H., Kenmore, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical system. 2,388,032; Oct. 30.
Bennett, Arthur N: *See*—
Nees, A. R., and Bennett.

Bennett, Arthur F., West Barrington, and A. L. Krause and H. W. Jacobson, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Driving and control mechanism. 2,370,222; Feb. 27.

Bennett, Arthur N., assignor to The Great Western Sugar Company, Denver, Colo. Recovery of betaine and betaine salts from sugar beet wastes. 2,375,164; May 1.

Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,368,097; Jan. 30.

Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable sheath. 2,375,067; May 1.

Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Forming reinforced sheathed cables. 2,375,068; May 1.

Bennett, Charles E., Ridgewood, and P. V. White, Rochelle Park, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Apparatus for drying air. 2,375,069; May 1.

Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electrical apparatus. 2,388,899; Nov. 13.

Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Apparatus for impregnating electric power cables. 2,390,823; Dec. 11.

Bennett, Claude C., South Bend, Ind. Dynamometer. 2,372,704; Apr. 3.

Bennett, David E., Jr.: *See*—
Staehle, H. C., Jelley, and Bennett.

Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Increasing the effective permeability of porous formations. 2,379,561; July 3.

Bennett, Eugene G., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Paper coating composition and making. 2,369,427; Feb. 13.

Bennett, Gardell L., and F. Dyer, Schenectady, N. Y., assignors to General Electric Company. Cam. 2,382,849; Aug. 14.

Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Telecentric lens system. 2,380,210; July 10.

Bennett, Harry, Woodmere, N. Y. Antidimming composition. 2,372,171; Mar. 27.

Bennett, Harry T., and J. R. Marshall, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Lubricant. 2,390,491; Dec. 11.

Bennett, Harry T., and J. R. Marshall, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Lubricant. 2,390,492; Dec. 11.

Bennett, John C.: *See*—
Barnhart, R. M., Bennett, and Heinmiller.

Bennett, John E., San Francisco, Calif. Fruit and vegetable juicer. 2,387,975; Oct. 30.

Bennett, John M., assignor to Tulin Corporation, New York, N. Y. Spring. 2,376,026; May 15.

Bennett, Joseph S., Merion, assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Stoker. 2,387,383; Oct. 23.

Bennett, Milton, Briarcliff Manor, N. Y., assignor to Milprint, Inc., Milwaukee, Wis. Packaging. 2,380,913; Aug. 7.

Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Protective arrangement. 2,371,496; Mar. 13.

Bennett, Richard H.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins.

Bennett, Robert M., Ithan, Pa., assignor to General Electric Company. Gas blast electric circuit breaker. 2,382,850; Aug. 14.

Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Timing device. 2,372,757; Apr. 3.

Bennett, William O., Jr., assignor to Hamilton Watch Company, Lancaster, Pa. Stop watch testing apparatus. 2,380,360; July 10.

Bennett, William O., Jr., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Balance screw. 2,385,252; Sept. 18.

Bennett, William O., Jr., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Welding. 2,387,112; Oct. 16.

Bennett, William O., Jr., Lancaster, Pa., assignor to Hamilton Watch Company. Hairspring collet. 2,391,816; Dec. 25.

Bennett, William O., Jr., Lancaster Township, and E. W. Drescher, Manheim Township, Lancaster County, assignors to Hamilton Watch Company, Lancaster, Pa. Hairspring mounting. 2,379,780; July 3.

Bennett, William R., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave modulation. 2,377,858; June 12.

Bennett, William R., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion correction in wave transmission. 2,379,211; June 26.

Benning, Anthony F.: *See*—
Downing, F. B., Benning, and McHarness.

Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignor to Kinetic Chemicals, Inc., Wilmington, Del. Separating fluorine compounds. 2,384,449; Sept. 11.

Benning, Wilbert O., Los Angeles, Calif. Drill sharpener. 2,369,642; Feb. 20.

Benning, Wilbert O., Los Angeles, Calif., assignor to Pacific Clay Products Company. Sizing machine. 2,373,941; Apr. 17.

Benning, Wilbert O., Los Angeles, Calif., assignor to Pacific Clay Products Company. Color grading apparatus. 2,375,889; May 15.

Bennion, Leslie H., and W. A. Smart, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Skiving machine. 2,373,159; Apr. 10.

Benoit, Joseph P., Alton, Ill., assignor to Owens-Illinois Glass Company. Article conveying mechanism. 2,381,798; Aug. 7.

Bens, Frederick P: *See*—
Parke, R. M., and Bens.

Bensel-Brice Corporation: *See*—
Bensel, Duryea, assignor.

Bensel, Duryea, Los Angeles, Calif. Safety razor. 2,386,536; Oct. 9.

Bensel, Duryea, assignor to Bensel-Brice Corporation, Los Angeles, Calif. Retort for packaged food. 2,389,117; Nov. 20.

Benson, Arthur E., Springfield, Mass. Reinforced rubber tread for track shoes. 2,369,130; Feb. 13.

Benson, B. Howard: *See*—
Mendelsohn, Bernard E., assignor.

Benson, Carl N., Jenkintown, assignor to S K F Industries, Inc., Philadelphia, Pa. Top roll assembly. 2,367,088; Jan. 9.

Benson, Frederick J., North Sacramento, Calif. Reversible tie. 2,371,947; Mar. 20.

Benson, Frederick J., North Sacramento, Calif. Sandal. 2,390,685; Dec. 11.

Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Refrigerating apparatus. 2,371,215; Mar. 13.

Bent, Arthur J., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure control apparatus. 2,389,020; Nov. 13.

Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Polyvinyl chloride composition. 2,387,111; Oct. 16.

Bent, John H., and R. W. Pearson, assignors to Stupakoff Laboratories, Inc., Pittsburgh, Pa. Extrusion press. 2,368,404; Jan. 30.

Bentley Engineering Company Limited, The: *See*—
Brooksby, E., and Deans, assignors.

Bentley, Herbert, New York, N. Y. Lady's hat. 2,370,442; Feb. 27.

Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Slow break electric switch. 2,366,474; Jan. 2.

Bentley, William W., Jr., New Carlisle, Ohio. Accelerometer. 2,386,777; Oct. 16.

Benton, Donald L., Los Angeles, Calif. Gauge device. 2,366,430; Jan. 2.

Benton, Dudley C., assignor, and by decree of court of one-half to M. E. Warren, San Diego, Calif. Blind fastening bolt and nut. 2,385,126; Sept. 18.

Benton, Medwin A., Liberty, N. Y. Receptacle filling apparatus. 2,383,761; Aug. 28.

Benz, August, assignor to Benz Spring Co., Portland, Oreg. Spring mounted logging bunk. 2,371,602; Mar. 20.

Benz, George R., Detroit, Mich., assignor to Phillips Petroleum Company. Valve assembly. 2,385,489; Sept. 25.

Benz, Helmut: *See*—
Kugel, F., and Benz.

Benz Spring Co.: *See*—
Benz, August, assignor.

Benzel, Howard A.: *See*—
Koester, N. C., Benzel, and Ledwin.

Berby, Ola L., and R. P. Fox, assignors to Clyde Iron Works, Inc., Duluth, Minn. Rotatable derrick. 2,374,074; Apr. 17.

Bercaitz, Maria A., Buenos Aires, Argentina. Pantee. 2,367,328; Jan. 16.

Berch, Samuel H., Beverly Hills, assignor to The Flexible Vacuum Container Corporation, Los Angeles, Calif. Paper receptacle. 2,369,654; Feb. 20.

Berch, Samuel H., Beverly Hills, assignor to The Flexible Vacuum Container Corporation, Los Angeles, Calif. Bag forming machine. 2,383,842; Aug. 28.

Berck, William F., Hayward, assignor to R. N. Brodie Company, Oakland, Calif. Predetermining counter for fluid meters. 2,383,702; Aug. 28.

Berdach, Ernest, New York, N. Y. Undergarment. 2,384,806; Sept. 18.

Berenson, Robert L.: *See*—
Stone, Seymour, assignor.

Berg, Anthony, Milwaukee, Wis. Dispensing tap. 2,373,373; Apr. 10.

Berg, Chester P., Litchfield, Minn. High voltage fusing tool. 2,366,233; Jan. 2

Berg, Christy L., St. Louis, Mo. Casket carrier. 2,372,927; Apr. 3.

Berg, Herbert: *See*—
Beer, L., Berg, and Gruber.

Berg, Herbert, and H. Heim, Burghausen, Germany; vested in the Alien Property Custodian. Producing catalysts. 2,369,524; Feb. 13.

Berg, Herbert, and M. Doriat, Burghausen, Germany; vested in the Alien Property Custodian. Porous polyvinyl chloride compositions. 2,371,868; Mar. 20.

Berg, Louis B.: *See*—
Stuhlman, F. A., and Berg.
Berg, Quentin, Detroit, Mich. Elevating mechanism. 2,368,191; Jan. 30.
Berg, Quentin, Detroit, Mich. Actuating mechanism. 2,377,859; June 12.
Berg, Quentin, Detroit, Mich. Auxiliary armor mounting. 2,380,393; July 31.
Berg, Quentin, Havre de Grace, Md., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,366,481; Jan. 2.
Berg, Werner H. C., Hartford, and V. A. Hanson, East Granby, assignors to The Whitney Chain & Mfg. Co., Hartford, Conn. Roller chain. 2,374,267; Apr. 24.
Berg, William A., assignor to Frederick Colman & Sons, Inc., Detroit, Mich. Lubricating device. 2,369,428; Feb. 13.
Berg, William M., New York, N. Y. Self-releasing die holder. 2,391,671; Dec. 25.
Berg, Willie, Chicago, Ill. Unitary foldable music stand. 2,383,287; Aug. 21.
Berge, Joseph, East Orange, N. J., assignor to Jaeger Watch Company, Inc., New York, N. Y. Instrument assembly. 2,368,105; Jan. 30.
Bergel, Franz, A. L. Morrison, N. C. Hindley, and A. R. Moss, assignors to Roche Products Limited, Welwyn Garden City, England. Manufacture of substances promoting the growth of yeast and other unicellular plants. 2,372,654; Apr. 3.
Bergel, Franz, A. Cohen and J. W. Haworth, Welwyn Garden City, assignors to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Manufacture of isoalloxazine derivatives. 2,374,661; May 1.
Bergel, Franz, A. Cohen, and J. W. Haworth, Welwyn Garden City, assignors to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Manufacture of methoxymethylene-malonitrile. 2,375,185; May 8.
Bergel, Franz, N. C. Hindley, A. L. Morrison, and H. Rinderknecht, assignors to Roche Products Limited, Welwyn Garden City, England. Manufacture of arylacetonitrile derivatives. 2,382,285; Aug. 14.
Bergel, Franz, and A. Cohen, Welwyn Garden City, assignors to Roche Products Limited, Welwyn Garden City, Hertfordshire, England. Manufacture of aminoalkylidene succinic acid derivatives. 2,384,068; Sept. 4.
Bergen, Bernhard, Washington, D. C. Airplane propeller. 2,388,464; Nov. 6.
Bergen, Daniel E., Phillips, Tex., assignor to Phillips Petroleum Company. Lubricant. 2,385,964; Oct. 2.
Bergen, Daniel E., Phillips, Tex., assignor to Phillips Petroleum Company. Lubricant. 2,368,106; Jan. 30.
Bergen, Edward, Bronxville, assignor to The Rieser Company, Inc., New York, N. Y. Hair curler. 2,379,272; June 26.
Berger, Adolph L., Dayton, Ohio. Centrifugal air compressor. 2,390,504; Dec. 11.
Berger, Arthur: *See*—
Nallinger, F., and Berger.
Berger, Arthur J., New York, N. Y. Pendulum impact tester. 2,388,246; Nov. 6.
Berger Brothers Company, The: *See*—
Versoy, Irving R., assignor.
Berger, Edwin: *See*—
Geffcken, W., and Berger.
Berger, Emric: *See*—
Laddon, I. M., and Berger.
Berger, Guido F., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Wood and metal connection or the like. 2,376,570; May 22.
Berger, Henry G.: *See*—
Angel, H. S., Fuller, and Berger.
Badertscher, D. E., Williams, and Berger.
Frank, F. C., Badertscher, and Berger.
Berger, Henry G., T. T. Noland, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,373,094; Apr. 10.
Berger, Henry G., G. S. Crandall, and J. F. Socolofsky, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Treatment of drying oils. 2,380,394; July 31.
Berger, Herbert R., Brooklyn, assignor to J. F. Jelenko & Co. Inc., New York, N. Y. Casting apparatus. 2,375,463; May 8.
Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Press pad. 2,369,643; Feb. 20.
Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Sheet metal shaping and shearing. 2,377,664; June 5.
Berger, John L., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Molded inlaid linoleum manufacture. 2,389,836; Nov. 27.
Berger, Julius, Berlin-Wilhelmsruh, Germany, and P. Hirsch, New York N. Y. assignors to Michigan Patents Corporation, Jackson Mich. Hose conduit. 2,375,614; May 8.
Berger, Karl, Zurich-Zollikon, assignor to Landis & Gyr, Aktiengesellschaft, Zug, Switzerland. Exhibiting device for short electrical impulses. 2,367,329; Jan. 16.
Berger, Karl F., Fairfield, Conn. Lathe. 2,370,286; Feb. 27.
Berger, Knute, Seattle, Wash. Hawsepipe. 2,391,290; Dec. 18.
Berger, Leo: *See*—
Lee, J., and Berger.
Lee, J., Solmssen, and Berger.
Berger, Tyrrell A. S.: *See*—
Nichols, Floyd A., assignor.
Bergès, André, Lorp Par Saint Lizier, Arriege, France; vested in the Alien Property Custodian. Method and apparatus for purifying paper pulp. 2,379,411; July 3.
Bergevin, Charles R., assignor to The Torrington Manufacturing Co., Torrington, Conn. Wire coiling apparatus. 2,388,630; Nov. 6.
Berggren, Thurston V., Chicago, Ill., assignor to United Autographic Register Co. Manifold stationery. 2,371,791; Mar. 20.
Berghaus, Bernhard, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, Germany; vested in the Alien Property Custodian. Electric reaction furnace. 2,371,278; Mar. 13.
Bergk, Hans, Krefeld, Germany; vested in the Alien Property Custodian. Producing polymers. 2,371,869; Mar. 20.
Berglund, Gustav A., Dobbs Ferry, assignor to Remington Rand Inc., Buffalo, N. Y. Micro film projector. 2,377,476; June 5.
Bergman, Raymond W.: *See*—
Scholl, C. F., and Bergman.
Bergman, Seymour, Dover, N. J. Soldering iron. 2,382,390; Aug. 14.
Bergmann, Christian N., Pittsburgh, assignor of one-third to C. M. Clarke, Sewickley, Pa. Automatic start and stop mechanism. 2,368,738; Feb. 6.
Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,371,419; Mar. 13.
Bergmann, Ernst: *See*—
Friedheim, E. A. H., and Bergmann.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,379,337; June 26.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Connecting means for conveyer troughs. 2,381,252; Aug. 7.
Bergmann, Rudolph C.: *See*—
Elman, H. K., and Bergmann.
Bergmann, Rudolph C., assignor to Benjamin Moore & Co., New York, N. Y. Paint applying device. 2,371,948; Mar. 20.
Bergmark, Ernest R.: *See*—
Sager, F. P., Bergmark, Ryan, and Atherton.
Bergren, Lloyd R., assignor to The Louden Machinery Company, Fairfield, Iowa. Traction device. 2,367,089; Jan. 9.
Bergstein, Frank D., et al., trustees: *See*—
Bergstein, Robert M., assignor.
Bergstein, Robert M., Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Carton with removable liner. 2,389,291; Nov. 20.
Bergsteinson, Ingolfur, El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Catalytic hydroxylation of olefinic double bonds. 2,373,942; Apr. 17.
Bergstrom, Carl A., Euclid, W. C. Bergstrom and O. C. Hedin, Cleveland Heights, and E. W. Pennington, Shaker Heights, assignors to The Weldon Tool Company, Cleveland, Ohio. Machine tool with optical system. 2,372,470; Mar. 27.
Bergstrom, Clara O., Portland, Oreg. Hairpin. 2,388,381; Nov. 6.
Bergstrom, Roland F.: *See*—
Van Ess, P. R., and Bergstrom.
Bergstrom, Walter C.: *See*—
Bergstrom, C. A. and W. C., Hedin, and Pennington.
Bergvall, Royal C.: *See*—
Ludwig, L. R., and Bergvall.
Berheim, Emile, New York, N. Y. Brush. 2,385,490; Sept. 25.
Bering, Jorgen D., Pasadena, Calif. Processing and concentrating fruit juices. 2,378,533; June 19.
Berk, F. W., & Company: *See*—
Comstock, Gregory J., assignor.
Berk, F. W., and Company Limited: *See*—
Axt, Mojzesz O., assignor.
Berkeley Pump Company: *See*—
Carpenter, Fred A., assignor.
Berkey, William E.: See—
Slepian, J., and Berkey.
Berkey, William E., and R. Lamphere, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ignition system. 2,378,893; June 26.
Berkholder, George H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Diaphragm valve. 2,381,799; Aug. 7.
Berkman, Boris, assignor to Milkweed Products Development Corporation, Chicago, Ill. Floss fiber liberation. 2,375,186; May 8.
Berkman, Boris, A. R. Bacon, and C. Weber, assignors to Milkweed Products Development Corporation, Chicago, Ill. Milkweed gin. 2,375,187; May 8.
Berkovits, Irene E., New York, N. Y. Manufacture of paper for stencil sheets. 2,380,718; July 31.

Berkow, Murray, New York, N. Y., and C. F. Mullen, Long Branch, assignors to Central Aircraft Corporation, Keyport, N. J. Aircraft construction. 2,367,750; Jan. 23.

Berkow, Murray, New York, N. Y., assignor to Central Aircraft Corporation, Keyport, N. J. Airplane. 2,388,247; Nov. 6.

Berkowitz, Benjamin, Philadelphia, Pa. Apron. 2,377,747; June 5.

Berkowitz, Eugene B., Kansas City, Mo., assignors to Tension Envelope Corporation of Kansas City. Envelope. 2,374,798; May 1.

Berks County Trust Company: *See*—
Slagle, George H., assignor.
Wyllie, Francis O., assignor.

Berl, Ernest, Pittsburgh, Pa. Continuous production and stabilization of nitrates of cellulose or nitrates of other alcohols like starch. 2,384,415; Sept. 4.

Berler, Irving: *See*—
Schlieben, E. W., Ogden, and Berler.

Berlin, Donovan R., and C. G. Trimbach, Eggertsville, N. Y., assignors to Curtiss-Wright Corporation. Gun sealing means. 2.385,051; Sept. 18.

Berliner, Henry A., Washington, D. C., assignor to Engineering and Research Corporation, Riverdale, Md. Variable pitch propeller. 2,370,135; Feb. 27.

Berliner, Henry A., Washington, D. C., assignor to Engineering & Research Corporation, Riverdale, Md. Propeller blade. 2,370,136; Feb. 27.

Berls, Rudolph F., New York, N. Y. Cosmetic case. 2,367,992; Jan. 23.

Berman, David, assignor of one-half to M. Makransky, Brooklyn, N. Y. Sanitary fluid dispensing device. 2,388,111; Oct. 30.

Berman, Minnie, Roxbury, Mass. Screen for baby pens. 2,382,851; Aug. 14.

Berman, Philip, New York, N. Y. Eductor. 2,382,391; Aug. 14.

Berman, Paul, Philadelphia, Pa. Collapsible clothes drier. 2,384,878; Sept. 18.

Berman, Reuben R., Washington, D. C. Adjustable reel and collapsible support therefor. 2,382,968; Aug. 21.

Berman, Samuel, and V. J. Macaluso, Bayonne, N. J. Plastic bobby pin. 2,378,747; June 19.

Bernard, Cecil A., West Coburg, and W. A. S. Pate, South Yarra, Melbourne, Victoria, Australia. Blower head for the separation of card or paper stock. 2,374,578; Apr. 24.

Bernard, Charles W., Detroit, Mich. Stamp hinge folding, cutting, and packaging assembly. 2,379,859; July 10.

Bernard, Jan L., Southwell, England. Gas lift pumping apparatus. 2,391,542; Dec. 25.

Bernascone, Henry, et al.: *See*—
Vanore, Joseph, assignor.

Bernhard, Otto, New Rochelle, N. Y. Tractor. 2,375,184; May 8.

Bernheim, Daniel P.: *See*—
Baratelli, C. A., Bernheim, and Lown.

Bernheim, Daniel P., and E. M. Splaine, Southbridge, W. H. Lehmberg, Newton, W. Lown, Boston, and C. A. Baratelli, Cambridge, assignors to American Optical Company, Southbridge, Mass. Eye protection means. 2,388,205: Oct. 30.

Berninger, Kenneth L.: *See*—
MacNeil, C. S. J., Haines, Martin, and Berninger.

Berninger, Kenneth L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Flasher switch. 2,388,033; Oct. 30.

Bernitz Furnace Appliance Company: *See*—
Schroder, Charles H., assignor.

Berns, Dan S., and C. J. Cardona, Los Angeles, Calif. Vibrating shampoo device. 2,369,881; Feb. 20.

Berns, Mel: *See*—
Satz, F. and Berns.

Berns, Molly, New York, N. Y. Brassière. 2,373,095; Apr. 10.

Bernstein, Isidor M., and H. J. Lanson, assignors to H. D. Roosen Company, Brooklyn, N. Y. Purified pentaerythritol reaction by-product. 2,376,224; May 15.

Bernstein, Louis, Brooklyn, N. Y. Folding pocket fan. 2,371,792; Mar. 20.

Bernstein, Paul, Roanoke, Va. Railway mail delivery device. 2,379,412; July 3.

Bernstein, Wilburn F., Brookfield, T. F. Mika, and S. M. Lillis, Chicago, and O. L. Colwell, Cicero, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Making gasket material. 2,367,181; Jan. 16.

Bernstorff, Hans, Frankfort-on-the-Main, and A. Allendörfer, Bad Homburg, Germany; vested in the Alien Property Custodian. Device for stirring melts. 2.390,052; Dec. 4.

Berrisford, Harry R.: *See*—
Blaylock, R. C., and Berrisford.

Berry, Charles R., Vicksburg, assignor of one-half to H. A. Gamble, Greenville, Miss. Cotton harvesting machine. 2,387,004; Oct. 16.

Berry, Clifford E., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,370,631; Mar. 6.

Berry, Earl A.: *See*—
Hornbostel, L., and Berry.
Nelms, G. C., Coggeshall, Berry, and Wilbur.

Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Reverse press section for paper making machines. 2,386,584; Oct. 9.

Berry, Earl E., and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Multicouch roll paper making machine. 2,369,653; Feb. 20.

Berry, Henry J., Detroit, Mich. Rotatable sanding or buffing tool. 2,371,021; Mar. 6.

Berry, Henry W., West Collingswood, N. J., assignor to Radio Corporation of America. Phase inverter. 2,390,824; Dec. 11.

Berry, Le Roy E., Stockton, Calif. Dry cleaning machine. 2,387,823; Oct. 30.

Berry, Norton E., Summit, N. J., assignor to General Foods Corporation, New York, N. Y. Solvent extraction of solid materials. 2,381,965; Aug. 14.

Berry, Prentiss L., Vance, Miss. Cotton cleaner. 2,366,705; Jan. 9.

Berry, R. S.: *See*—
Buttress, George A., assignor.

Berry, Wallace S., and R. H. Phelps, Kenosha, and T. Ulrich, Milwaukee, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Steerable road wheel mounting. 2,369,644; Feb. 20.

Berry, William E.: *See*—
Wilson, M. M., and Berry.

Berryman, Joseph De N., Philadelphia, Pa. Cooling device. 2,370,390; Feb. 27.

Bers, Sara J., assignor to Armstrong Cork Company, Lancaster, Pa. Preparing a molded zein article and the resulting article. 2,385,679; Sept. 25.

Bersuder, John E.: *See*—
Waldie, W. A., and Bersuder.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Forming fatty acid substituted amino compounds. 2,374,915; May 1.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Forming carboxylic amino acids. 2,387,735; Oct. 30.

Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Forming carboxylic substituted amines. 2,387,976; Oct. 30.

Bert, Samuel D., assignor of one-third to M. A. Yorkin and one-third to J. D. Martin, Washington, Pa. Glass forming machine. 2,378,176; June 12.

Bertalan, Edward, Glenn Arm, and E. U. Rice, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Tube forming die. 2,373,530; Apr. 10.

Bertalan, Edward, Glen Arm, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Tube forming die. 2,373,531; Apr. 10.

Bertea, Alexander, assignor to Burwood Corporation, Los Angeles, Calif. Pump. 2,378,390; June 19.

Berthelmann, Arthur B., Madison, Wis. Spring means. 2,391,120; Dec. 18.

Berthiez, Charles W., Paris, France; vested in the Alien Property Custodian. Rail clamping device for planers and the like. 2,382,392; Aug. 14.

Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Sealed package. 2,380,395; July 31.

Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Sealed package. 2,380,396; July 31.

Bertram, John, & Sons Co. Limited, The: *See*—
Knutzen, Max T., assignor.

Beryllium Corporation, The: *See*—
Donachie, Matthew J., assignor.

Beskin, Leon, New York, N. Y., assignor to The Ingalls Iron Works Company. Door operating mechanism. 2,372,648; Apr. 3.

Besly, Donald M.: *See*—
Birch, S. F., and Besly.

Besser, Otto R., Maspeth, N. Y. Electric fluorescent lighting device. 2,373,219; Apr. 10.

Bessin, Harold E., Dorchester, and F. E. Farnum, Milton, Mass. Taking impressions of eye-balls. 2,370,389; Feb. 27.

Best, Cyril, and S. R. Chown, Deptford, London, S. E. 8, assignors to Molins Machine Company, Limited, London, S. E. 8, England. Apparatus for feeding articles from a supply. 2,371,126; Mar. 13.

Best Foods, Inc., The: *See*—
Gooding, Chester M., assignor.
Schaub, Jacob, assignor.

Best, Frank A., Windsor, Ontario, Canada. Reflecting device for signs and the like. 2,384,524; Sept. 11.

Best, Frank E., Indianapolis, Ind. Master compass and inertia means. 2,370,000; Feb. 20.

Best, Marie J., Bronxville, N. Y. Fireplace ashpan. 2,377.665; June 5.

Beste, Harold E., East Rutherford, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Telegraph code recorder. 2,391,082; Dec. 18.

Beswick, Robert E., Marple, England. Nut for quick attachment. 2,367,480; Jan. 16.

Bethlehem Steel Company: *See*—
Davidson, Harvey E., assignor.
Diehn, K. H., and Crewe, assignors.
Fahy, Frank E., assignor.
Fine, L., and Kelchner, assignors.
Francisco, Herbert H., assignor.
Gregg, J. L., and Jette, assignors.
Kraner, Hobart M., assignor.
Murphy, Donald W., assignor.
Rudrow, F. S., and Mills, assignors.
Somers, Robert E., assignor.
Statler, W. H., and Miller, assignors.
Ward, Clemson H., assignor.
White, William E., assignor.
Bethune, John W., Wyandotte, Mich. Piano construction. 2,387,491; Oct. 23.
Bettendorf Company, The: *See*—
Kottman, Arthur A., assignor.
Leppla, Rudolph, assignor.
Schrage, Frederick S., assignor.
Better Packages Incorporated: *See*—
Krueger, Theodore H., assignor.
Better, Sidney F., New York, N. Y. Clothes hanger. 2,380,143; July 10.
Betterton, Jesse O., Santa Ana, Calif., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Recovering selenium. 2,378,824; June 19.
Betterton, Thomas B.: *See*—
Holabird, W. S., and Betterton.
Bettington, Egerton M., Welwyn Garden City, assignor to Aviation Developments Limited, London, England. Riveting tool. 2,384,434; Sept. 11.
Bettmann, Ernest H., assignor to W. Liebrecht, New York, N. Y. Orthopedic child's sandal. 2,390,416; Dec. 4.
Betts, John R., Kearney, Nebr. Well construction. 2,369,939; Feb. 20.
Betts, Mazeppa D., Rockport, assignor to Sylvania Electric Products Inc., Salem, Mass. End cap for gaseous discharge lamps. 2,386,190; Oct. 9.
Betts, William B., Binghamton, N. Y. Box covering machine. 2,369,940; Feb. 20.
Betz, William G., Chicago, Ill., assignor to Pratt. Read & Company, Ivoryton, Conn. Piano action. 2,367,192; Jan. 16.
Beuer, Frederick G., assignor to Carter Carburetor Corporation, St. Louis, Mo. Bolt lock device. 2,370,223; Feb. 27.
Beutel, Ralph H.: *See*—
Tishler, M., and Beutel.
Bevan, Glen P., Toronto, Ontario, Canada, assignor to Reo Motors, Inc., Lansing, Mich. Rotary plow. 2,372,172; Mar. 27.
Bevan, James E., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Switchgear for explosive atmospheres. 2,376,471; May 22.
Beverly, Charles S., Brooklyn, N. Y. Pop-up spud wrench. 2,384,525; Sept. 11.
Beyer, Charles E., Rosamond, Calif. Oil burner. 2,382,463; Aug. 14.
Beyer, Paul J.: *See*—
Ford, H., Boyer, and Beyer.
Beyer, Rudolph J., New Britain, Conn. Presser foot for ribbon bindings. 2,377,204; May 29.
Beyer, Werner K. R., Dresden, Germany; vested in the Alien Property Custodian. Sewing machine. 2,378,534; June 19.
Beyland, Sidney W., Queens Village, N. Y., assignor to American Telephone and Telegraph Company. Telegraph transmission measuring system. 2,376,225; May 15.
Bezzerides, Paul A., Orosi, Calif. Post setter and puller. 2,374,406; Apr. 24.
Bhend, John J.: *See*—
Neitzel, Charles J., assignor.
Bibb, Carlisle H., assignor to Newport Industries, Inc., Pensacola, Fla. Producing isoprene. 2,386,537; Oct. 9.
Bibb, Carlisle H., and R. C. Palmer, assignors to Newport Industries, Inc., Pensacola, Fla. Drying oil substitute and making the same. 2,388,947; Nov. 13.
Biby, Howard A., Riverside, Calif. Toy bulldozer. 2,385,965; Oct. 2.
Bichowsky, Francis R., Ann Arbor, Mich. Air conditioning. 2,372,309; Mar. 27.
Bichowsky, Francis R., Ann Arbor, Mich. Refrigerating. 2,378,177; June 12.
Bichsel, Harry J.: *See*—
Burgwin, S. L., Mahoney, and Bichsel.
Bick, Edwin C., Los Angeles, Calif. Regulating and reducing adapter for sand blast machines. 2,388,818; Nov. 13.
Bickel, Bruce T.: *See*—
Davidson, J. T., and Bickel.
Bickel, Bruce T., assignor to The Standard Register Company, Dayton, Ohio. Imprinting apparatus. 2,384,807; Sept. 18.
Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Lathe. 2,374,322; Apr. 24.
Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Gear change mechanism for lathes. 2,377,305; June 5.
Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Sensitive precision lathe. 2,381,422; Aug. 7.
Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Apparatus for operating lathes. 2,389,757; Nov. 27.
Bicker, Albert H., Avon Park, Fla. Trailer jack. 2,372,705; Apr. 3.
Bickley, Everett H., Bala Cynwyd, Pa. Oil delivery control system. 2,377,860; June 12.
Bicknell, George R., Antioch, and F. A. Heidenfelder, Chicago, Ill., assignors to The American Laundry Machinery Company, Norwood, Ohio. Folding table. 2,367,261; Jan. 16.
Biddle, Farrell D., Milwaukee, Wis., assignor to Pierce Governor Company, Anderson, Ind. Compensating governor controlled throttle. 2,370,224; Feb. 27.
Bidwell, Earl E., San Diego, Calif., assignor to W. P. Innes, Jr., Wichita, Kans. Fluid meter. 2,388,248; Nov. 6.
Biebel, Herman M., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,379,675; July 3.
Bieber, Clarence G., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Alloy for permanent magnets. 2,384,450; Sept. 11.
Biederman, Joseph B., Cincinnati, Ohio. Respiratory filtering device. 2,478,971; June 26.
Biedermann, Friedrich, Munchen-Unterhaching, Germany; vested in the Alien Property Custodian. Apparatus for the reversal of color photographic negatives. 2,374,916; May 1.
Biefeld, Karl, Bad Freienwalde on the Oder, Germany; vested in the Alien Property Custodian. Nonmetallic electric resistance material and producing same. 2,370,443; Feb. 27.
Biehl, Alfred M., assignor to Railway Refrigeration Corporation. New York, N. Y. Refrigerating system for mobile vehicles. 2,374,972; May 1.
Biel, Edward J., Brookline, Mass. Making visors for uniform caps. 2,369,275; Feb. 13.
Bierly, Lester A., Massillon, Ohio. Anti-icing device for aircraft. 2,387,637; Oct. 23.
Bierman, Daniel H., Malverne, assignor to Petrometer Corporation, Long Island City, N. Y. Liquid depth ascertaining means. 2,368,589; Jan. 30.
Bierman, George H., River Forest, Ill., assignor to American Can Company, New York, N. Y. Pump device for machines for applying coating material to articles moving in processions. 2,387,736; Oct. 30.
Bierman, Harry C., New Rochelle, N. Y. Protective armor. 2,384,594; Sept. 11.
Bierman, William: *See*—
Schenker, Abraham W., assignor.
Bierwert, Howard L., Maplewood, N. J. Flower holder and arranger. 2,381,253; Aug. 7.
Bierwirth, Rudolph A., Kingston, N. J., assignor to Radio Corporation of America. Cellulosic material. 2,373,374; Apr. 10.
Biery, Arthur, Pine Island, Minn. Adjustable ladder leg. 2,366,829; Jan. 9.
Biery, John E., Jersey City, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Baffle for steam and water separators. 2,368,443; Jan. 30.
Bigarani, Edward A., San Francisco, and F. E. Renick, Berkeley, Calif. Work fixture. 2,369,645; Feb. 20.
Bigelow, James W., Seattle, Wash. Shouldered transfer chain. 2,366,380; Jan. 2.
Bigelow-Liptak Corporation: *See*—
Spencer, Basil G., assignor.
Bigelow, Roy S., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer trough. 2,384,069; Sept. 4.
Bigelow-Sanford Carpet Co., Inc.: *See*—
Quinn, F. B., and Levitch, assignors.
Bigg, Edward: *See*—
Jennings, B. H., and Bigg.
Biggert, Florence C., Jr., Pittsburgh, Pa., assignor to United Engineering and Foundry Company. Servomotor. 2,370,137; Feb. 27.
Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Production of primary and secondary amines. 2,388,034; Oct. 30.
Biggs, Burnard S., and A. H. White, Summit, and W. A. Yager, Murray Hill, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Nitrodichloro-xylene compositions. 2,374,973; May 1.
Bigler, Lisle: *See*—
Bryan, Bent R., assignor.
Bihr, Alphonse, Forest Hills, assignor to Palm, Fechteler & Co., New York, N. Y. Decalcomania. 2,374,323; Apr. 24.
Bilan, John, Flint, Mich. Oil burner. 2,374,799; May 1.
Bilan, John, Flint, Mich. Stove. 2,388,593; Nov. 6.
Bilan, John, Flint, Mich. Heating unit. 2,391,382; Dec. 25.
Bilde, Tord E. D., Stockholm, Sweden. Electric lighting device. 2,368,700; Feb. 6.
Billé, Warren G., Seattle, Wash. Wave damping device. 2,382,393; Aug. 14.
Billeb, Clyde K., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Manufacturing pouches. 2,380,914; Aug. 7.

Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lamp mounting. 2,380,211; July 10.
Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Portable electric lighting fixture. 2,382,538; Aug. 14.
Billheimer, Willard C.: *See*—
Koenig, H. L., Billheimer, and Havlick.
Billing, Noel P., Kingston Hill, England. Propeller drive for marine vessels. 2,372,247; Mar. 27.
Billinghurst, Wilfred A., Elizabeth, assignor of one-half to C. Handler, Newark, N. J. Self-feeding power-driven screw driver or like tool. 2,373,992; Apr. 17.
Billings, Roy O., Milwaukee, Wis. Excavating bucket. 2,382,955; Aug. 21.
Billmeyer, Bruce R., assignor to Armstrong Cork Company, Lancaster, Pa. Long draft apron. 2,377,316; June 5.
Billner, Karl P., Philadelphia, Pa., and R. W. Carlson, Belmont, Mass. Making concrete structures. 2,376,414; May 22.
Bi-Metallic Products Corporation: *See*—
Buffum, Frank G., assignor.
Binckley, George S., Los Angeles, Calif., assignor, by decree of court, and mesne assignments, to S. W. Binckley, as trustee. Fluid meter. 2,377,605; June 5.
Binckley, Sydney W.: *See*—
Binckley, George S., assignor.
Binder, Joseph, Danville, Ill., assignor to W. A. Andrews, Chicago, Ill., and one-half to M. L. Andrews, St. Louis, Mo. Shoe construction. 2,383,585; Aug. 28.
Binder, Keith A.: *See*—
Watson, J. E., and Binder.
Bingenheimer, Harry P. Jacksonville, Fla. Juice extracting apparatus. 2,368,800; Feb. 6.
Bingham, Charles R., Davenport, Iowa. Vehicle hitch. 2,378,460; June 19.
Bingham, Charles R., Davenport, Iowa. Vehicle hitch. 2,384,363; Sept. 4.
Bingham, David W., Middle Brighton, Victoria, Australia. Apparatus for filling cans and other containers. 2,374,268; Apr. 24.
Bingham, David W., Middle Brighton, Victoria, Australia. Apparatus for filling containers with liquids, pastes, or discrete material. 2,388,036; Oct. 30.
Bingham, George H., Jr., Lincoln, assignor to Cambridge Rubber Company, Cambridge, Mass. Life preserving apparatus. 2,384,721; Sept. 11.
Bingley, Frank J., Chestnut Hill, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,372,876; Apr. 3.
Bingley, Frank J., Chestnut Hill, and W. E. Bradley, Northampton, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,386,087; Oct. 2.
Bingley, Frank J., Philadelphia, and W. E. Bradley, Swarthmore, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,386,088; Oct. 2.
Bingman, Frederick P., Birmingham, assignor to R. C. Mahon Company, Detroit, Mich. Automatic foam control for air cleaners. 2,379,338; June 26.
Binkert, Carl F., Toledo, and J. E. Jendrisak, Rossford, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Bending glass. 2,377,849; June 12.
Binkley, Stephen B.: *See*—
Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee.
Binks Manufacturing Company: *See*—
Gustafsson, E., and Baur, assignors.
Harker, G. A., Gustafsson, Allen, and Nelson, assignors.
Roche, John F., Jr., assignor.
Wilmes, W. L., Baur, and Gustafsson, assignors.
Binnewag, Abraham, Jr., Oakland, Calif. Radio tube. 2,372,649; Apr. 3.
Binnington, Donald S., St. Paul, Minn., assignor to General Mills, Inc. Apparatus for saponification and extraction. 2,373,646; Apr. 17.
Binns, Charles E., and S. Palmer, assignors to Versil Limited, Liversedge, England. Insulating sheet or strip. 2,372,877; Apr. 3.
Binns, Charles E., and S. Palmer, assignors to Versil Limited, Liversedge, England. Insulating sheet or strip. 2,372,878; Apr. 3.
Binns, George W.: *See*—
Theler, F. J., Binns, and Decker.
Binns, George W., and F. J. Theler, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,377,921; June 12.
Birch, Stanley F., and D. M. Besly, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Conversion of hydrocarbons. 2,373,740; Apr. 17.
Birch-Field, Charles A., New York, N. Y. Projection in color. 2,385,770; Oct. 2.
Birchfield, Roy R., Shreveport, La. Hydraulic brake. 2,389,405; Nov. 20.
Bird, Anthony, et al.: *See*—
Plebanek, Leonard Z., assignor.
Bird, Byron M., Columbus, Ohio, assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Jig. 2,384,151; Sept. 4.
Bird, Emerson B., Richmond, Calif. Quick-detachable faucet connection. 2,371,375; Mar. 13.
Bird, George W. T.: *See*—
Forbes, L. J., and Bird.
Bird, Len O.: *See*—
Brimhall, Kirk L., assignor.
Birdick, Philip A., Berkeley, Calif. Optical system 2,387,113; Oct. 16.
Birdsall, Edwin H., Golden, Ohio, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging device. 2,387,638; Oct. 23.
Birdsboro Steel Foundary and Machine Company: *See*—
Martin, Mark H., assignor.
Bird-White Corporation: *See*—
Watson, Charles E., assignor.
Birge, Nathaniel, Sherman, Tex. Internal-combustion pressure generator. 2,379,212; June 26.
Birk, Paul M.: *See*—
Trimbach, C. G., and Birk.
Birk, Paul M., Kenmore, and C. E. Slater, Jr., Williamsville, N. Y., assignors to Curtiss-Wright Corporation. Ammunition belt tension meter. 2,385,052; Sept. 18.
Birkemeier, Henry P., Chicago, Ill. Fishhook. 2,385,602; Sept. 25.
Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Electric switch. 2,367,090; Jan. 9.
Birkhimer, Edwin R.: *See*—
Leum, L. N., Birkhimer, and McCullough.
Birnie, John U.: *See*—
MacDonald, James A., assignor.
Biro, Laszlo J., Buenos Aires, Argentina. Writing instrument. 2,390,636; Dec. 11.
Bisbee, David P., San Marino, assignor to Rheem Manufacturing Company, Richmond, Calif. Work support for side seam welding. 2,371,376; Mar. 13.
Bischoff, Kurt, Erlangen, Germany; vested in the Alien Property Custodian. High-tension apparatus. 2,372,928; Apr. 3.
Bisheff, Mathew, Los Angeles, Calif. Picture support. 2,366,695; Jan. 9.
Bishkin, Sam L., Houston, Tex., assignor to Standard Oil Development Company. Method and agent for breaking water in oil emulsions. 2,374,917; May 1.
Bishop, Alfred H. C., Cranston, R. I. Magnifying glass holder. 2,384,233; Sept. 4.
Bishop, Arthur E. J., Chatswood, near Sydney, New South Wales, Australia. Damping swiveling oscillations in caster wheels. 2,367,993; Jan. 23.
Bishop, G. H., Co.: *See*—
Rieck, Roy J., assignor.
Bishop, James O., Torrance, and L. L. Babcock, Compton, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Apparatus for flame hardening. 2,368,087; Jan. 30.
Bishop, James O., Torrance, and L. L. Babcock, Compton, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Brinell hardness testing device. 2,375,341; May 8.
Bishop, John H., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,376,306; May 15.
Bishop, Joseph H., Dayton, Ohio. Universal screw driver. 2,389,129; Nov. 20.
Bishop, Joseph H., and W. H. Cooper, Dayton, Ohio. Attachment for jacks. 2,368,192; Jan. 30.
Bishop, Thomas D.: *See*—
Howard, Jasper S., assignor.
Bishop, William C., assignor of one-half to G. W. Lisenbee, Vernon, Tex. Rodent exterminator. 2,390,686; Dec. 11.
Bishop, William H., and W. E. Clements, Birmingham, England. Panel and control mechanism therefor. 2,381,966; Aug. 14.
Biskamp, Ernest J., San Antonio, Tex. Measuring and dispensnig package. 2,381,800; Aug. 7.
Biske, Michel A.: *See*—
Boehlen, C. F. J., and Biske.
Bissett, Enid, assignor to Maiden Form Brassiere Company, Inc., New York, N. Y. Woman's undergarment. 2,378,826; June 19.
Bisson, Ernest W., Albany, N. Y., assignor to General Electric Company. Variable voltage divider. 2,386,651; Oct. 9.
Bittermann, Ferdinand J., Wheaton, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Forming metallic bands. 2,389,758; Nov. 27.
Bittner, Raymond E.: *See*—
Packie, J. W., and Bittner.
Bitton, Wellington R., North Vancouver, British Columbia, Canada. Life boat. 2,382,126; Aug. 14.
Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,370,287; Feb. 27.
Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Timing apparatus. 2,390,981; Dec. 18.
Bivens, Maurice E., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,390,982; Dec. 18.
Bixby, Guy T., Dayton, Ohio. Feed mechanism for cartridge belts. 2,388,670; Nov. 13.

Bixby, Kenneth R., Galesburg, Ill. Screen. 2,390,983; Dec. 18.
Bixby, Walter, Boston, assignor to Shawmut Engineering Company, Dorchester, Mass. Yarn-carrier presenting means of tuft-fabric looms. 2,372,758; Apr. 3.
Bixler, Myron, Philadelphia, Pa. Carboy handling apparatus. 2,389,482; Nov. 20.
Bizjak, Stanley, Crivitz, Wis. Electrically powered glider. 2,368,630; Feb. 6.
Bjergel, Sven A., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Acoustic alarm device. 2,371,949; Mar. 20.
Bjering, Olav: *See*—
Hohl, J., and Bjering.
Björklund, Gustaf A., and H. V. Törnebohm, Goteborg, Sweden, assignors to SKF Industries, Inc., Philadelphia, Pa. Gauging device. 2,372,879; Apr. 3.
Bjorksten, Johan: *See*—
Smedslund, Tor, assignors.
Bjorksten, Johan, Chicago, Ill. Preparation of protein compositions and masses having improved physical characteristics. 2,389,292; Nov. 20.
Blabor, Sloane: *See*—
Hudgins, Houlder, assignor.
Black-Clawson Company, The: *See*—
Gibson, A. G., and Crawford, assignors.
Martindale, Homer D., assignor.
Black, Crayton K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring wood. 2,391,613; Dec. 25.
Black and Decker Manufacturing Company, The: *See*—
Baker, James N., assignor.
Decker, Alonzo G., Jr., assignor.
Black, Elam L., et al.: *See*—
Black, James E., assignor.
Black, Eric A., Red Bank, N. J. Tensiometer. 2,387,737; Oct. 30.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical transmission testing system. 2,372,759; Apr. 3.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric oscillation generating circuit including a thermo-responsive impedance element. 2,375,273; May 8.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,387,712; Oct. 30.
Black, Harry L., Moncton, New Brunswick, Canada, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,375,890; May 15.
Black, Howard C.: *See*—
Phelps, G. W., and Black.
Black, James B., and W. F. Shurts, Rockford, Ill., assignors to Twin Disc Clutch Company, Racine, Wis. Method and apparatus for cooling hydraulic coupling brakes. 2,388,112; Oct. 30.
Black, James E., assignor to J. E., E. L., W. J., and V. Black, a partnership doing business as Black Systems, Chicago, Ill. Building covering. 2,390,348; Dec. 4.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Adjustable roof bow for trailers. 2,368,405; Jan. 30.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Rear header for road vehicles. 2,371,497; Mar. 13.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Knockdown body for trailers. 2,382,376; Aug. 14.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Trailer vehicle with load regulated tow bar. 2,385,253; Sept. 18.
Black, Lawrence F., U. S. Army. Induction flatiron. 2,374,662; May 1.
Black, Lawrence F., Donora, and A. L. Kefover, Webster, Pa., assignors to The American Steel and Wire Company of New Jersey. Wire drawing equipment. 2,368,107; Jan. 30.
Black, Lloyd V., Tarentum, assignor to Pittsburgh Plate Glass Co., Allegheny County, Pa. Skeleton frame for supporting glass. 2,379,213; June 26.
Black Systems: *See*—
Black, James E.
Black, Theodore R., Tipp City, Ohio. Collapsible vehicle. 2,380,016; July 10.
Black, Virginia, et al.: *See*—
Black, James E., assignor.
Black, Whitfield J., et al.: *See*—
Black, James E., assignor.
Black, William F., Danube, Minn. Barber comb. 2,384,152; Sept. 4.
Blackburn Aircraft Limited: *See*—
Nivison, David B., assignor.
Palfrey, Sydney J., assignor.
Blackburn, Billee O.: *See*—
Evans, T. W., Blackburn, and Scheibli.
Blackburn, Billee O., Kensington Park District, assignor to Shell Development Company, San Francisco, Calif. Rubberlike copolymers and making. 2,391,817; Dec. 25.
Blackburn, George and Sons Limited: *See*—
Start, Harry W. and E., assignors.
Blackburn, Hubert E., Los Angeles, Calif. Sheet metal seam or joint. 2,381,030; Aug. 7.
Blackburn, John L., and J. F. Chapman, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier-current protective-relaying and telemetering system. 2,367,921; Jan. 23.
Blackburn, Norman W. G.: *See*—
Bancroft, Thomas, assignor.
Blackburn, Philip W., Yonkers, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Discharge lamp and application thereof. 2,385,397; Sept. 25.
Blackburn, Wayne E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Selenium rectifiers. 2,390,771; Dec. 11.
Blackhawk Mfg. Co.: *See*
Mandl, Siegmund, assignor.
Blackie, John S., Santa Cruz, Calif. Ditching machine. 2,387,977; Oct. 30.
Blackman, Irwin N., et al., executors: *See*—
Heller, Alexander G.
Blackman, Stanley, Brooklyn, N. Y. Receptacle closure. 2,390,291; Dec. 4.
Blackmon, John M., and J. F. Le Gere, Rock Hill, S. C. Stand hook. 2,382,852; Aug. 14.
Blackmun, Edward V., Lakewood, and M. P. Mikula, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Tin-plating of aluminum. 2,377,606; June 5.
Blackstone, Selwyn R., Madison, Wis. Fishing float. 2,379,676; July 3.
Blade Master, Incorporated: *See*—
Korenyi, Andrew J., assignor.
Blaes, Edward G., Glendale, assignor of one-third to G. V. Oldham, Summit, and one-third to S. H. Rust, New Brunswick, N. J. Roller skate. 2,373,220; Apr. 10.
Blaettler, Paul X.: *See*—
Ferla, John, assignor.
Blagden, Rudolph, Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Cargo tie-down fitting. 2,386,836; Oct. 16.
Blagden, William M., Egham, England. Steering mechanism for motor vehicles. 2,371,022; Mar. 6.
Blaha, Emil, Cheltenham, Pa., assignor to Selas Corporation of America. Kiln and method of operation. 2,371,420; Mar. 13.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile recorder. 2,368,739; Feb. 6.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile recorder. 2,384,722; Sept. 11.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Recording apparatus. 2,389,021; Nov. 13.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Facsimile recorder. 2,391,768; Dec. 25.
Blair, Benton, et al.: *See*—
Herrick, William W., assignor.
Blair, Charles M., Jr.: *See*—
De Groote, Keiser, and Blair.
Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Lubricating oil. 2,375,516; May 8.
Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Lubricating oil. 2,384,595; Sept. 11.
Blair, Chester A.: *See*—
Keese, B. W., and Blair.
Blair, Emile, assignor to Standard Aircraft Products, Inc., Dayton, Ohio. Blank feeding mechanism. 2,372,706; Apr. 3.
Blair, Emile, assignor to Standard Aircraft Products, Inc., Dayton, Ohio. Tube testing apparatus. 2,385,491; Sept. 25.
Blair, George W.: *See*—
Schott, J. F., Luxenberger, and Blair.
Blair, George W., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Container. 2,378,126; June 12.
Blair, James H., Staten Island, assignor to N. Chayes, Rye, N. Y. Contra-angle attachment for dental handpieces. 2,370,632; Mar. 6.
Blair, John I: *See*—
Sawtelle, E. R., and Blair.
Blair, Lyman C., Houston, Tex. Hydraulic pump and transmission. 2,370,710; Mar. 6.
Blair, William W., Lakewood, Ohio. Refrigerated display case. 2,382,599; Aug. 14.
Blais, Emilien, New Haven, Conn., assignor to Olin Industries, Inc. Apparatus for shaping tubes. 2,375,763; May 15.
Blaisdell, Charles O., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for article working. 2,380,212; July 10.
Blake, Alfred E., West Caldwell, N. J. Gas producer. 2,381,200; Aug. 7.
Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Organic compounds containing both sulphur and nitrogen. 2,368,515; Jan. 30.
Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized rubber and making. 2,373,375; Apr. 10.

Blake, Edward S., and K. L. Godfrey, Nitro, W. Va., assignors to Monsanto Chemical Company, St. Louis, Mo. Chlor benzyl xanthates. 2,381,483; Aug. 7.
Blake, Harold H., Jr., Burlingame, Calif. Chuck. 2,374,725; May 1.
Blake, Harold H., Jr., Burlingame, Calif. Drafting pen. 2,375,188; May 8.
Blake Manufacturing Corporation: *See*— Wood, Orville T., assignor.
Blake, Robert P.: *See*— Land, E. H., and Blake.
Blake, Robert W., Chicago, Ill., assignor to Shand & Jurs Company. Liquid level indicator. 2,382,377; Aug. 14.
Blake, William F., Chicago, Ill. Fire extinguisher. 2,384,526; Sept. 11.
Blakely, Robert T., Amityville, assignor to International Business Machines Corporation, New York, N. Y. Machine for reading perforated record cards. 2,371,120; Mar. 6.
Blakely, Robert T., Silver Spring, Md., assignor to International Business Machines Corporation, New York, N. Y. Code presentation register. 2,386,423; Oct. 9.
Blakeney, Francis M.: *See*— Ring, Ernest A., assignor.
Blakeslee, Raymond C., West Allis, Wis., assignor to The Union Switch and Signal Company, Swissvale, Pa. Remote control system. 2,377,850; June 12.
Blakey, Angus R.: *See*— Morgan, J. D., and Blakey.
Blalock, Henry H., assignor of twenty-four per cent to E. Halford, Abernathy, Tex., and fifty-two per cent to A. C. Hendricks, Flying H, N. Mex. Lister attachment for tractors. 2,368,631; Feb. 6.
Blanc, Samuel O., Des Moines, Iowa. Mechanism for rodding and cleaning pipes, sewers and the like. 2,383,843; Aug. 28.
Blanchard, Frederick W., Hampstead, Quebec, Canada. Position-indicating handle for valves. 2,390,866; Dec. 11.
Blanchard, Loring W., Jr.: *See*— Malm, C. J., and Blanchard.
Blanchette, Eli O., Killingly, Conn. Toy firearm. 2,390,349; Dec. 4.
Blanco, Elias: *See*— Hagedorn, D. O., and Blanco.
Blanco, John R., W. Green, Sutton Coldfield, Albert E. T. Neale, Erdington, Birmingham, and D. F. Twiss, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, London County, England. Production of emulsions or compositions of or containing organic polysulphides and articles produced therefrom. 2,386,287; Oct. 9.
Blanding, Forrest H., Elizabeth, N. J., assignor to Standard Oil Development Company. Novel isomerization process. 2,383,586; Aug. 28.
Blanding, Forrest H., Elizabeth, N. J., assignor to Standard Oil Development Company. Synthesis of ethyl benzene. 2,385,187; Sept. 18.
Blanding, Joseph E., New London, assignor of one-half to P. B. McNamara, Groton, Conn. Internal-combustion engine. 2,368,444; Jan. 30.
Blank, Frank F.: *See*— Blank, R. H. and F. F.
Blank, Merton H., Pleasant Ridge, assignor to American Blower Corp., Detroit, Mich. Apparatus for controlling fluid volume in fluid couplings. 2,377,851; June 12.
Blank, Rudolph H., Treadwell, N. Y. Hydraulic safety valve. 2,381,484; Aug. 7.
Blank, Rudolph H., Treadwell, N. Y. Pressure actuated shutoff. 2,386,585; Oct. 9.
Blank, Rudolph H. and F. F., Walcott, Iowa. Portable conveyer and loader. 2,389,759; Nov. 27.
Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Generator. 2,378,894; June 26.
Blankenhorn, Charles F.: *See*— Dawson, R. D., and Blankenhorn.
Blankenship, Claude M.: *See*— Legg, Eugene H., assignor.
Blankmeyer, Harrison C., Lawrenceburg, Ind., and W. H. Stark, Louisville, assignors to Joseph E. Seagram & Sons, Inc., Shirley, Ky. Conversion process. 2,375,189; May 8.
Blanton, Wlliam B.: *See*— Demonet, E. A., and Blanton. Venable, William M., assignor.
Blashfield, Floyd A., Madison, Wis., assignor, by mesne assignments, to Air Reduction Company, Incorporated. Sterile drawoff faucet. 2,381,031; Aug. 7.
Blaski, John F., Chicago, Ill. Arched roof. 2,366,482; Jan. 2.
Blaski, John F., Chicago, Ill. Roof truss. 2,369,525; Feb. 13.
Blaski, John F., Chicago, Ill. Wooden roof. 2,371,421; Mar. 13.
Blattner, David G., Mountain Lakes, N. J., assignor to Bell Laboratories, Incorporated, New York, N. Y. Making electromagnetic devices. 2,391,222; Dec. 18.
Blatz, Warren D., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Making tubing. 2,387,051; Oct. 16.
Blauvelt, Homer E., deceased, Flushing, N. Y.; T. R. Blauvelt, executrix. Air and fuel supply controlling means for furnaces or the like. 2,380,719; July 31.
Blauvelt, Thelma R., executrix: *See*— Blauvelt, Homer E.
Blauvelt, Warren S., Ann Arbor, Mich. Furnace. 2,375,517; May 8.
Blaw-Knox Company: *See*— Hammond, Edgar S., assignor. Harrington, Edward L., assignor. Philips, G. B., and Tuuri, assignors.
Blaydes, Frederick T.: *See*— Smith, H. P., and Blaydes.
Blaydes, Frederick T., Canton, Ill., assignor to International Harvester Company. Dump rake. 2,366,234; Jan. 2.
Blaydes, Frederick T., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,379,781; July 3.
Blaylock, Raymond C., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Landing gear and wing slot control. 2,386,288; Oct. 9.
Blaylock, Raymond C., and H. R. Berrisford, Bexley, Ohio, assignors to Curtiss-Wright Corporation. Flexible tank and support means. 2,373,221; Apr. 10.
Blaylock, Raymond C., Bexley, and P. Bukoff, Reynoldsburg, Ohio, assignors to Curtiss-Wright Corporation. Hydraulically operated split flaps. 2,387,492; Oct. 23.
Blazek, John Y., assignor to Lempco Products, Inc., Bedford, Ohio. Device for dressing grinding wheels and the like. 2,374,726; May 1.
Blazek, John Y., assignor to Lempco Products, Inc., Bedford, Ohio. Tube sizing broach. 2,388,948; Nov. 13.
Blazer, Almer N., Mescalero, N. Mex. Fuel pump. 2,370,001; Feb. 20.
Blazer, Almer N., Mescalero, N. Mex. Governor. 2,378,178; June 12.
Bleachers' Association Limited, et al.: *See*— Robins, C., and Kershaw, assignors.
Bleakney, Joseph M., Manhasset, N. Y. Scouring and polishing powder. 2,384,006; Sept. 4.
Blechman, Irving, New York, N. Y. Collapsible wardrobe cabinet. 2,391,614; Dec. 25.
Bleistein, Henry G., Indianapolis, Ind. Selective stacking machine. 2,373,532; Apr. 10.
Blendinger, Raymond G.: *See*— Zilliox, John, assignor.
Blesi, Walter F., assignor to The Sheffield Corporation, Dayton, Ohio. Machine tool. 2,384,527; Sept. 11.
Blessing, Gregory W., Moorestown, N. J., assignor to Radio Corporation of America. Composite structure. 2,372,929; Apr. 3.
Blessing, Harry A.: *See*— Liebmann, August G., assignor.
Bletso, Bruce N., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Wire drawing machine. 2,384,275; Sept. 4.
Blewett, John P., Scotia, N. Y., assignor to General Electric Company. High-frequency apparatus. 2,366,556; Jan. 2.
Blewett, John B., Wellsville, Ohio, assignor to The McLain Fire Brick Company, Pittsburgh, Pa. Attachment for making plug bricks. 2,369,101; Feb. 6.
Blewett, John B., Wellsville, Ohio, assignor to The McLain Fire Brick Company, Pittsburgh, Pa. Apparatus for making plug bricks. 2,369,102; Feb. 6.
Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solutions. Re. 22,650; June 12.
Blicke, Frederick F., assignor to The Regents of the University of Michigan, Ann Arbor, Mich. Aryl carboxylic acid esters and obtaining the same. 2,376,860; May 29.
Blicker, Meyer, assignor of one-half to H. Schien, Minneapolis, Minn. Portable outboard motor stand. 2,380,017; July 10.
Bliffert, Walter J., Milwaukee, Wis. Attachment for internal-combustion engines. 2,377,852; June 12.
Bligh, Norman R., Harrow, D. M. Heller, Wembley, and L. C. Stenning, Ealing, London, England. Multichannel radio signaling system. 2,380,288; July 10.
Blihovde, Norman, Ridgewood, assignor to Jacques Wolf & Company, Passaic, N. J. Purification of Irish moss. 2,382,286; Aug. 14.
Blish, Ida G., et al.: *See*— Woodhull, Frederick W., assignor.
Bliss, E. W., Company: *See*— Aneiros, Joseph, assignor. Crane, E. V., and Auer, assignors. Nash, L. W., and Williams, assignors. Rode, F. J., and Hatch, assignors. Williamson, Larkin R., assignor. Yeomans, Lucien I., assignor.
Bliss, Harvey N.: *See*— Graydon, S., Jr., and Bliss.
Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter mechanism. 2,372,650; Apr. 3.
Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,367,193; Jan. 16.
Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for the separation of fluids. 2,368,632; Feb. 6.
Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,368,633; Feb. 6.

Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Separator. 2,389,130; Nov. 20.
Bloch, Erich, New York, N. Y., assignor to Aeronautical Machinery Corporation. Lifting device. 2,377,477; June 5.
Bloch, Herman S.: *See*—
Pines, H., and Bloch.
Bloch, Herman S., and C. L. Thomas, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,369,009; Feb. 6.
Bloch, Herman S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of dehydrated castor oil. 2,380,720; July 31.
Bloch, Herman S., Riverside, and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Production of olefinic hydrocarbons. 2,389,406; Nov. 20.
Bloch, Leon, Cleveland, Ohio. Waste and overflow fitting. 2,374,642; May 1.
Bloch, Rudolf, and I. Schnerb, assignors to Palestine Potash Ltd., Jersusalem, Palestine. Preparation of a green dyestuff and starting material therefor. 2,383,762; Aug. 28.
Bloch, Rudolf, and I. Schnerb, assignors to Palestine Potash Ltd., Jersusalem, Palestine. Crystallization of salts from aqueous solutions. 2,383,763; Aug. 28.
Block, Richard J., Scarsdale, N. Y., assignor to C. M. Armstrong, Inc. Separation of amino acids. 2,386,926; Oct. 16.
Block, Richard J., Scarsdale, N. Y., assignor to C. M. Armstrong, Inc. Amino acid separation. 2,387,824; Oct. 30.
Block, Richard J., Scarsdale, and A. P. Hellwig, Hartsdale, N. Y., assignors to C. M. Armstrong, Inc. Food product. 2,374,407; Apr. 24.
Blockson Chemical Co.: *See*—
King, Charles S., assignor.
Bloedorn, Clyde H., Evanston, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Easy opening reclosable container. 2,382,378; Aug. 14.
Blom, Carl, San Marino, assignor to Byron Jackson Co., Vernon, Calif. Centrifugal pump. 2,368,962; Feb. 6.
Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Uncoupling mechanism. 2,384,808; Sept. 18.
Blomberg, Martin P., Hinsdale, and J. M. Smidl, Cicero, Ill., assignors to General Motors Corporation, Detroit, Mich. Coupler supporting and centering device. 2,380,018; July 10.
Blome, George S., Baltimore, Md. Smoke pipe assembly. 2,372,707; Apr. 3.
Blomgren, Oscar C., Winnetka, Ill. Stool. 2,368,740; Feb. 6.
Blomstrom, F. Allan: *See*—
Carlberg, August E., assignor.
Blons, Maurice J., Chicago, Ill. Dispenser. 2,371,216; Mar. 13.
Blood Brothers Machine Company: *See*—
Harrington, George R., assignor.
Bloom, Frederick S.: *See*—
Conway, Leon F., assignor.
Bloom, Galen A., et al.: *See*—
Kling, Alan L., assignor.
Bloom, Hyman, Newark, N. J. Wrist supporter. 2,369,115; Feb. 13.
Bloom, Jack, Brooklyn, N. Y. Full face magazine, newspaper or periodical display rack, and storage therefor. 2,385,603; Sept. 25.
Bloom, Mortimer C., Newton Highlands, Mass. Electrodeposition of antimony. 2,389,131; Nov. 20.
Bloom, Murray, New York, N. Y. Garment. 2,375,070; May 1.
Bloomberg, David J., Newton, Mass., assignor to General Electric Company. Elastic fluid turbine. 2,390,772; Dec. 11.
Bloomberg, Samuel M., Chicago, Ill. Grip selector for bowlers. 2,377,067; May 29.
Bloomer Bros. Company: *See*—
Inman, William H., assignor.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Azeotropic distillation. 2,380,019; July 10.
Bloomer, Ward J., Westfield, N. J., assignor to The Lummus Company, New York, N. Y. Azeotropic distillation. 2,381,996; Aug. 14.
Bloomfield, Samuel, Chicago, Ill. Can opener. 2,375,274; May 8.
Bloomquist, Donald W., Altadena, Calif. Gas-operated lock for automatic recoil-operated weapons. 2,372,542; Mar. 27.
Bloomquist, Evert V., Wausau, Wis. Separable packing unit. 2,391,383; Dec. 25.
Bloss, Herman, Shelton, assignor to The H. B. Ives Company, New Haven, Conn. Latch for screen doors and the like. 2,390,984; Dec. 18.
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,374,727; May 1.
Blosser, John A., Oakland, Calif. Inhalant hood. 2,389,293; Nov. 20.
Bloth, Maurice, St. Louis, Mo. Perspiration guard for watches. 2,367,091; Jan. 9.
Blotner, Harry, Chelsea, Mass. Footwear. 2,367,092; Jan. 9.
Blough, Carl M., Johnstown, Pa., assignor to Carnegie-Illinois Steel Corporation. Ground cable clamp for electric welding machines. 2,374,324; Apr. 24.
Blough, Ronald S., assignor to The Dexter Company, Fairfield, Iowa. Wringer. 2,376,751; May 22.
Blount, Harry, Baltimore, and C. V. Lundeen, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Metal rolling process. 2,371,671; Mar. 20.
Blount, Harry, Baltimore, and F. A. Coldehoff, Dundalk, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for vulcanizing articles. 2,389,178; Nov. 20.
Blout, Elkan R.: *See*—
Elderfield, R. C., and Blout.
Blow, Richard, assignor to W. F. Hall Printing Company, Chicago, Ill. Synchronized drive. 2,371,023; Mar. 6.
Bloxham, Ralph H., Mobile, Ala. Closet ventilating system. 2,388,949; Nov. 13.
Bloxom, Harvey L.: *See*—
Shideler, E. M., and Bloxom.
Bloxom, Harvey L., Council Bluffs, Iowa. Reflectoscope. 2,381,801; Aug. 7.
Blu, Marshall A.: *See*—
Wallace, S., and Blu.
Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Production of oxygenated organic compounds. 2,369,710; Feb. 20.
Bludworth, Joseph E., and G. Flower, Jr., Cumberland, Md., assignors to Celanese Corporation of America. Separation of organic compounds. 2,381,032; Aug. 7.
Bludworth, Joseph E., Cumberland, and S. B. Jeffries, Long, Md., assignors to Celanese Corporation of America. Treatment of pentaerythritol. 2,386,289; Oct. 9.
Bludworth, Timothy F., Summit, N. J., assignor to National-Simplex-Bludworth, Inc. Interval meter and indicator therefor. 2,385,254; Sept. 18.
Blue, Richard W.: *See*—
Houdry, E. J., and Blue.
Bluechel, Joseph H.: *See*—
Smith, Alfred, assignor.
Bluemink, Gary G., and J. H. Nelson, Racine, Wis., assignors to The Dumore Company. Reduction gear assembly. 2,379,273; June 26.
Blufston, Martin M., St. Louis, Mo. Internal-combustion engine of oscillating piston type. 2,366,996; Jan. 9.
Bluhal Specialty Company: *See*—
Halek, Frank, assignor.
Blum, Hosmer L., assignor to S. F. Bowser & Company, Incrporated, Fort Wayne, Ind. Liquid dispenser. 2,370,119; Feb. 27.
Blum, Jerome J., assignor to The Fibre Forming Corporation, Olean, N. Y. Hand grenade body. 2,385,398; Sept. 25.
Blum, Nettie, Oceanside, N. Y. Brassière. 2,378,906; June 26.
Blum, Nettie, Oceanside, N. Y. Brassière. 2,378,907; June 26.
Blum, Nettie, Oceanside, N. Y. Brassière. 2,378,908; June 26.
Blume, Edward M., et al.: *See*—
Kenworthy, John M., assignor.
Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,374,974; May 1.
Blume, William A., Farmington, Mich., assignor to American Brake Shoe Company. Laminated heat-insulating structure. 2,377,317; May 5.
Blumensaadt, Svend G.: *See*—
Neely, W. H., and Blumensaadt.
Blumensaadt, Svend G., Beachwood Village, assignor, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Apparatus to change the length of corrugated wires. 2,378,058; June 12.
Blumer, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,389,230; Nov. 20.
Blumer, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting organic halides. 2,389,231; Nov. 20.
Blumstengel, Hugo R., Kansas City, Mo. Heating stove. 2,367,094; Jan. 9.
Bly, Edwin P: *See*—
Buckley, W. D., and Bly.
Blythe, Rudolph H., Llanerch, assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Medicinal preparation. 2,369,711; Feb. 20.
Boal, Stewart, assignor to Randolph Laboratories, Inc., Chicago, Ill. Hand fire extinguisher. 2,375,615; May 8.
Boals, Wayne S: *See*—
Gentry, G. C., and Boals.
Boardman, Harry D., trustee: *See*—
Merriman, Henry H., assignor.
Boate, John W., Detroit, Mich. Nursing bottle holder. 2,381,201; Aug. 7.
Boatright, Robert G., Jr., and W. C. Hewitt, Bartlesville, Okla., assignors to Phillips Petroleum Company. Two-stage catalytic dehydrogenation of paraffin hydrocarbons to diolefin. 2,376,323; May 22.
Bobb, Lloyd J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph pickup. 2,379,782; July 3.

Bobb, Lloyd J., Glenside, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph pickup device. 2,386,089; Oct. 2.
Bobrowski, Henry and W., Morris, Manitoba, Canada. Reversible grain conveyer assembly. 2,389,483; Nov. 20.
Bobrowski, Wilhelm: *See*—
Bobrowski, Henry and W.
Bobst, Henri, Lausanne, Switzerland. Sheet detector. 2,373,222; Apr. 10.
Bobst, Henri, and J. Kury, Lausanne, assignors to J. Bobst & Fils, S. A., Prilly, Switzerland. Device for releasably securing plates or tools to platen presses. 2,382,600; Aug. 14.
Bobst, J., and Fils, S. A.: *See*—
Bobst, H., and Kury, assignors.
Küry, Josef, assignor.
Bocchino, Stanley R., Philadelphia, Pa. Pliers. 2,378,909; June 26.
Bochonok, Stefan, Enola, Pa. Center bearing. 2,390,493; Dec. 11.
Bocjl Corporation: *See*—
Lang, Joseph C., assignor.
La Place, Desmond R., assignor.
Bock, Ashley P., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable inductor. 2,367,922; Jan. 23.
Bock, George E., Chicago, assignor to Whiting Corporation, Harvey, Ill. Variable-speed hydraulic coupling. 2,387,230; Oct. 23.
Bock, Helmuth: *See*—
Moldenhauer, Otto.
Moldenhauer, O., and Bock.
Bock, Louis H., Huntingdon Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Aminocyanoacetamide resins. 2,367,455; Jan. 16.
Bockmühl, Max, Frankfort-on-the-Main, O. Schaumann, and E. Bartholomäus, Wiesbaden, and H. Leditschke, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Derivatives of the 2-alkyl-1,4-naphthoquinone. 2,372,655; Apr. 3.
Bockstahler, Earl R.: *See*—
Winnek, P. S., and Bockstahler.
Bockus, Rubert C., Gardner, and H. J. Landry, South Ashburnham, assignors to Gem Crib and Cradle Company, Gardner, Mass. Infant's play yard. 2,381,967; Aug. 14.
Bodansky, John C., assignor to Cocker Machine and Foundry Company, Gastonia, N. C. Yarn tensioning means. 2,372,053; Mar. 20.
Bodansky, John C., and E. K. Whitener, assignors to Cocker Machine and Foundry Company, Gastonia, N. C. Drive control for textile machinery. 2,384,879; Sept. 18.
Bodde, Bernard M., Los Angeles, Calif. Translucent screen. 2,368,099; Jan. 30.
Bodde, Bernard M., Jr., Los Angeles, Calif. Projection screen. 2,372,173; Mar. 27.
Bode, Harry L., Webster Groves, assignor to Gaylord Container Corporation, St. Louis, Mo. Producing grease packages. 2,478,972; June 26.
Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Broad band amplifiers. 2,367,711; Jan. 23.
Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing lubrication. 2,368,963; Feb. 6.
Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Automotive driving axle construction. 2,389,484; Nov. 20.
Boden, Samuel H., Turtle Creek, and H. L. Peek, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,383,288; Aug. 21.
Bodine, Albert G., Jr., Burbank, Calif. Method and apparatus for forming a charge. 2,377,607; June 5.
Bodine, Albert G., Jr., Burbank, assignor to The Calpat Corporation, Los Angeles, Calif. Portable cutting tool. 2,384,435; Sept. 11.
Bodine, Ralph B., Schenectady, N. Y., assignor to General Electric Company. Antihunting circuit. 2,386,031; Oct. 2.
Bodine, Theodore A., Summit County, Ohio. Hinge-axis articulator. 2,371,795; Mar. 20.
Bodle, Walter H., Birmingham, Mich. Package. 2,390,350; Dec. 4.
Bodner, Charles H.: *See*—
Kennedy, R., Hough, and Bodner.
Boeckeler, Benjamin C., New York, N. Y., E. I. Lummus, Montclair, and A. Nansen, Bernardsville, N. J., assignors to The Lummus Company, New York, N. Y. Distillation of fermenter mash. 2,376,898; May 29
Boecking, Ewald, Great Kills, assignor to Century Projector Corporation, Brooklyn, N. Y. Lens mount and film gate construction for motion-picture projection machines. 2,368,634; Feb. 6.
Boecking, Ewald, Great Kills, Staten Island, assignor to Century Projector Corporation, Brooklyn, N. Y. Intermittent film feeding mechanism for motion picture projection machines. 2,369,207; Feb. 13.
Boedecker, Fred R., assignor of one-half to R. F. Boedecker, Tacoma, Wash. Trash burner. 2,387,005; Oct. 16.
Boedecker, Robert F.: *See*—
Boedecker, Fred R., assignor.
Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Malleable iron. 2,370,225; Feb. 27.
Boegehold, Alfred L., and R. H. Terry, assignors to General Motors Corporation, Detroit, Mich. Making sintered powdered iron articles. 2,382,601; Aug. 14.
Boehlen, Constant F. J., East Orange, N. J., and M. A. Biske, assignors to Federal Telephone & Radio Corporation, New York, N. Y. Voltage regulating system. 2,381,715; Aug. 7.
Boehm, Christian C., assignor to Boehm Surgical Instrument Corporation, Rochester, N. Y. Diagnostic instrument. 2,369,010; Feb. 6.
Boehm, Robert M.: *See*—
Dorland, R. M., and Boehm.
Boehm, Robert M., assignor to Masonite Corporation, Laurel, Miss. Making furfural and fatty acids. 2,369,655; Feb. 20.
Boehm Surgical Instrument Corporation: *See*—
Boehm, Christian C., assignor.
Boehmer, Francis D.: *See*—
Armitage, J. B., Barker, Riedel, and Boehmer.
Boehmler, Erving M., Madisonville, Ohio, assignor to W. B. Petermann and E. P. Wood, as trustees. Tapping. 2,388,779; Nov. 13.
Boehne, Eugene W., Drexel Hill, Pa., and H. A. Peterson, Scotia, N. Y., assignors to General Electric Company. Eliminating the switching overvoltage hazard in alternating current circuits. 2,391,672; Dec. 25.
Boehnke, Hugo V.: *See*—
Wiken, C. A., and Boehnke.
Boeing Aircraft Company: *See*—
Allen, Edmund T., assignor.
Allen, E. T., and Minshall, assignors.
Brewster, Charles E., assignor.
Christian, J. C., and Seymour, assignors.
Eaton, Waldo W., assignor.
Lancaster, Billy R., assignor.
Lewis, Delbert S. and E. F., assignors.
Moorehead, James R., assignor.
Morris, Charles W., assignor.
Norsen, Dwight A., assignor.
Schairer, George S., assignor.
Boelter, Arthur H., Appleton, Wis. Nut and bolt cap. 2,383,703; Aug. 28.
Boenecke, Alfred, Berlin-Schoneberg, Germany; vested in the Alien Property Custodian. Snap fastener. 2,368,100; Jan. 30.
Boenecke, Alfred, Berlin-Schoneberg, Germany; vested in the Alien Property Custodian. Slide clasp fastener. 2,370,613; Mar. 6.
Boericke, Edward E.: *See*—
Boericke, Gideon.
Boericke, Gideon, Wynnewood, and E. E. Boericke, Lansdowne, Pa.; said E. E. Boericke, assignor to said Gideon Boericke. Preparation of compounds of tungsten and similar metals from their ores and residues. 2,390,687; Dec. 11.
Boero, Louis: *See*—
Andresen, W. A., and Boero.
Boersma, Reemer A., assignor to Duffy Manufacturing Company, Holland, Mich. Attaching device. 2,367,657; Jan. 23.
Boerstler, Edward W., Watertown, Mass. Apparatus for applying radiant energy. 2,380,682; July 31.
Boesch, John C., Jr.: *See*—
Robinson, E. D., and Boesch.
Boese, Albert B., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Production of unsaturated carboxylic acids. 2,382,464; Aug. 14.
Boettcher, Anna E., Winona, Minn. Patient's gown. 2,374,643; May 1.
Boettcher, William A., Chicago, Ill. Floor polishing device. 2,382,969; Aug. 21.
Boettner, George W., et al.: *See*—
Walker, Thomas G., assignor.
Bogard, Edward: *See*—
Gray, Kenneth N., assignor.
Bogardus, Leonard R., assignor to Packard Motor Car Company, Detroit, Mich. Electric distribution system. 2,376,324; May 22.
Bogart, Fred H., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,388,594; Nov. 6.
Bogatich, Vincent, Detroit, Mich. Suspend the structure of a vehicle on its wheels. 2,379,860; July 10.
Bogg, William A.: *See*—
Bauer, H. R., and Bogg.
Boggs, Walter W.: *See*—
Russell, J. K., Collins, and Boggs.
Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cellulose triacetate coating compositions. 2,368,062; Jan. 23.
Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Alkyd resin coating compositions. 2,389,837; Nov. 27.
Bogin, Samuel R., and J. V. Delfino, Brooklyn, N. Y. Combined drink cooler and sipper. 2,370,931; Mar. 6.
Bogoslowsky, Boris, Jackson Heights, N. Y. Collapsible tube. 2,387,738; Oct. 30.

Bogue, Charles B., San Francisco, Calif. Transparent film segment holder and projection machine therefor. 2,385,771; Oct. 2.
Bohannon, Hoyt H., Albertville, Ala. Pump. 2,380,144; July 10.
Bohlen, Charles, Jr., Jenkintown, Pa. Landing gear for trailers. 2,391,384; Dec. 25.
Bohlke, William H., Oaklyn, N. J., assignor to Radio Corporation of America. Display device. 2,374,800; May 1.
Böhm, Egon, assignor to L. von Roll Aktiengesellschaft für kommunale Anlagen, Zurich, Switzerland. Extraction apparatus. 2,370,614; Mar. 6.
Bohn, Emil E., Amarillo, Tex. Power unit. 2,366,172; Jan. 2.
Bohn, Beatrice P., Sea Girt, N. J. Garment holding means. 2,385,053; Sept. 18.
Bohn, Donald L., Pittsburgh, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Arc quencher. 2,381,637; Aug. 7.
Boice, John E.: *See*—
Boice, William B. and J. E.
Boice, William B. and J. E., Toledo, Ohio. Band saw. 2,371,731; Mar. 20.
Boice, William B. and J. E., Toledo, Ohio. Band saw. 2,384,364; Sept. 4.
Boicey, James H., and I. A. Willey, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Manufacture of safety glass. 2,382,956; Aug. 21.
Boies, Orlow W., Wethersfield, and H. O. Taylor, assignors to The Hartford Rayon Corporation, Rocky Hill, Conn. Production of a hollow textile material. 2,379,783; July 3.
Boisseau, Alexander C.: *See*—
Thumim, C., Frank, and Boisseau.
Boissonou, Clifford J., Concord, assignor to Shell Development Company, San Francisco, Calif. Insecticide composition. 2,369,429; Feb. 13.
Bokenkamp, Carl: *See*—
Egli, A. A., and Bokenkamp.
Bokum, William F., Jenkintown, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Stripping roll for long fiber feeders. 2,372,543; Mar. 27.
Bokum, William F., Jenkintown, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Garnett cylinder. 2,388,631; Nov. 6.
Boland, James L., Avenel, N. J. Reamer. 2,367,560; Jan. 16.
Bolas, John Thomas, assignor to The Bristol Aeroplane Company Limited, Bristol, England. Milling and like machine for copying and reproducing. 2,389,407; Nov. 20.
Bolden, George L., Painswick, and R. Peel, Blakewell Mead, Painswick, assignors to F. N. F. Limited, Gloucester, England. Knitting element of knitting machinery. 2,373,533; Apr. 10.
Boldt, Kenneth: *See*—
Ross, W. B., and Boldt.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system control means. 2,366,173; Jan. 2.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Combined air-hydraulic actuating system. 2,366,310; Jan. 2.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure actuating system. 2,366,696; Jan. 9.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure actuating system. 2,367,194; Jan. 16.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,373,450; Apr. 10.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Yieldable device. 2,377,748; June 5.
Boldt, Werner F., Clayton, Mo. Attack weapon for airplanes. 2,381,332; Aug. 7.
Bole, George A., M. C. Shaw, and H. E. Co Van, assignors to The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, a testamentary trust. Manufacturing pyrometric cones. 2,377,666; June 5.
Bole, George A., M. C. Shaw, and H. E. Co Van, assignors to The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, a testamentary trust. Machine for molding pyrometric cones. 2,377,667; June 5.
Bole, George A., M. C. Shaw, and H. E. Co Van, assignors to The Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, a testamentary trust. Extruding and cutting apparatus for plastic materials. 2,377,668; June 5.
Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Control device. 2,370,519; Feb. 27.
Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Circuit breaker. 2,371,672; Mar. 20.
Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Control device. 2,388,113; Oct. 30.
Bolick, Oscar W., Sr., Conover, N. C. Chair. 2,374,801; May 1.
Bolidens Gruvaktiebolag: *See*—
Ekenäs, T. D. L., and Fahraeus, assignors.
Fåhraeus, G. E., Lindblad, and Wallden, assignors.
Häger, B. O., assignor.
Häger, Bror O., assignor.
Häger, B. O., and Kjellström, assignors.
Bolinger, Catherine T., Middle River, Baltimore, Md. Portable mirror equipment. 2,379,214; June 26.
Bolinger, George N., assignor to Sta-Rite Ginnie-Lou, Inc., Shelbyville, Ill. Barrette. 2,368,913; Feb. 6.
Bolle, Léon, Geneva, Switzerland. Manufacture of shaped parts made out of a supple, elastic, nonmetallic matter. 2,375,518; May 8.
Bolley, Herschel C., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Resistance switch. 2,375,891; May 15.
Bolley, Herschel C., and E. E. Johnson, assignors to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,380,933; Aug. 7.
Bolli, Bernhard, assignor to Aktiengesellschaft Adolph Saurer, Arbon, Switzerland. Two-stroke cycle engine. 2,377,068; May 29.
Bolling, Oscar S., assignor to Mereen-Johnson Machine Company, Minneapolis, Minn. Plywood core machine. 2,366,588; Jan. 2.
Bolling, Oscar S., assignor to Mereen-Johnson Machine Company, Minneapolis, Minn. Cutoff saw mechanism for sheet feeding machines. 2,370,932; Mar. 6.
Bolling, Oscar S., assignor to Mereen-Johnson Machine Company, Minneapolis, Minn. Edge gluing machine. 2,373,376; Apr. 10.
Bollinger, Waldon P., Audubon, N. J., assignor to Radio Corporation of America. Oscillator stabilizing circuit. 2,382,198; Aug. 14.
Bollman, John H., Rutherford, N. J., and I. G. Wilson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor having a high temperature coefficient of resistance. 2,373,160; Apr. 10.
Bollo, Francis G., Berkeley, and J. R. Tomlinson, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Fuel control system for internal-combustion engines. 2,391,291; Dec. 18.
Bolsey Jacques, New York, N. Y. Photographic camera. 2,367,195; Jan. 16.
Bolsey, Jacques, New York, N. Y. Film splicing apparatus. 2,367,330; Jan. 16.
Bolsey, Jacques, New York, N. Y. Film magazine. 2,381,033; Aug. 7.
Bolsey, Jacques, New York, N. Y. Editing table. 2,381,997; Aug. 14.
Bolsey, Jacques, New York, N. Y. Tripod head. 2,384,790; Sept. 18.
Bolsey, Jacques, New York, N. Y. Body for apparatus or the like, particularly for photographic apparatus. 2,386,538; Oct. 9.
Bolsterli, Arthur A., Bethlehem, N. Y., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker. 2,378,124; June 12.
Bolten, John, Andover, Mass., and H. Spitz, Great Neck, N. Y. Garment hanger. 2,370,391; Feb. 27.
Bolton, Archer L., Jr., executor: *See*—
Bolton, Archer Le R.
Bolton, Archer Le R., deceased, North Andover, Mass.; A. L. Bolton, Jr., executor, assignor to J. W. Bolton & Sons, Inc. Making jordan engine. 2,390,351; Dec. 4.
Bolton, Elmer K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Milling resins with thiols. 2,384,070; Sept. 4.
Bolton, John W., & Sons, Inc.: *See*—
Bolton, Archer Le R., assignor.
Stuck, Harold D., assignor.
Bombardier, Joseph A., Valcourt, Quebec, Canada. Vehicle spring suspension. 2,367,456; Jan. 16.
Bombardier, Joseph A., Valcourt, Quebec, Canada. Wheel mounting. 2,367,751; Jan. 23.
Bombardier, Joseph A., Valcourt, Quebec, Canada. Sprocket wheel. 2,374,644; May 1.
Bomford, Douglas R., Bevington Hall, near Evesham, assignor to Bomford & Evershed Limited, Salford Priors, near Evesham, England. Means or machinery for clearing or excavating ditches. 2,378,280; June 12.
Bomford & Evershed Limited: *See*—
Bomford, Douglas R., assignor.
Bona, Philip J., Chehalis, Wash. Holder for pencils or pens. 2,366,483; Jan. 2.
Bonbright, Howard, Grosse Pointe, and W. G. Gernandt, assignors to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,387,114; Oct. 16.
Bond Crown & Cork Co.: *See*—
Hoffecker, John W., assignor.
Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Removal of sulphur compounds from hydrocarbon oils. 2,369,771; Feb. 20.
Bond, Gilbert H.: *See*—
Oldham, Wesley B., assignor, and E. Oldham.
Bond, Rolston L.: *See*—
Price, D., and Bond.
Bond, Walter L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. X-ray analysis apparatus. 2,377,862; June 12.
Bond, Walter L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for X-ray analysis. 2,383,764; Aug. 28.

Bond, Walter L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Conoscope and using the same. 2,387,825; Oct. 30.

Bondar, Arsene, Huntington, N. Y., assignor to Fairchild Engine and Airplane Corporation. Aircraft locking mechanism. 2,371,673; Mar. 20.

Bondel, Joseph, New York, N. Y. Clothesline reel. 2,370,520; Feb. 27.

Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. Cathode construction. 2,367,331; Jan. 16.

Bondley, Ralph J., Scotia, N. Y., assignor to General Electric Company. Cathode. 2,367,332; Jan. 16.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch circuit controller. 2,373,451; Apr. 10.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,380,145; July 10.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,380,820; July 31.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,385,492; Sept. 25.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electric lock. 2,387,115; Oct. 16.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating mechanism. 2,387,826; Oct. 30.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,388,819; Nov. 13.

Bone, Herbert L., Forest Hills, Pa., and J. W. Livingston, Milwaukee, Wis., assignors to The Union Switch and Signal Company, Swissvale, Pa. Generator. 2,374,728; May 1.

Bone, Herbert L., Forest Hills, and C. E. Staples, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,383,037; Aug. 21.

Bonell, Ralph K., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Magnetic pick-off for sensitive instruments. 2,373,096; Apr. 10.

Bonewitz, P. W., Co.: *See*—
Beechem, H. A., and Fabian, assignors.

Bonham, Walter R., Palo Alto, Calif. Fan construction. 2,381,567; Aug. 7.

Bonine, Ralph O., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker control. 2,381,254; Aug. 7.

Bonnafe, Oliver W., assignor to The La Pointe Machine Tool Company, Hudson, Mass. Broaching machine. 2,373,995; Apr. 17.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Rotatable broach holder. 2,381,998; Aug. 14.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Work holding fixture for broaching machines. 2,381,999; Aug. 14.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Horizontal broaching machine. 2,386,837; Oct. 16.

Bonnafe, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Broaching machine. 2,386,838; Oct. 16.

Bonnell, George C., assignor to Vickers Incorporated, Detroit, Mich. Relief valve for power transmission. 2,388,820; Nov. 13.

Bonnell, Leonard S.: *See*—
Murphree, E. V., Voorhies, Bonnell, and Tregre.

Bonner, James: *See*—
English, J., Jr., Bonner, and Haagen-Smit.

Bonnett, Howard T.: *See*—
Major, R. T., and Bonnett.

Bonneville, Limited: *See*—
Weiner, Nathan, assignor.

Bonorden, Allen R., Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter testing system. 2,387,558; Oct. 23.

Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Processes and apparatus for filtering miscella and like mixtures through a filtering medium of solid oil-bearing material. 2,370,138; Feb. 27.

Bonsall, Charles D., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor protecting sheet for railway cars. 2,387,226; Oct. 23.

Bonte, Frederick R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Carburizing steels. 2,381,638; Aug. 7.

Bonvillian, Claude A., U. S. Navy, R. C. Brierly, Narberth, and S. Letvin, Philadelphia, Pa. Boiler steam baffling and dry pipe. 2,387,239; Oct. 23.

Bonwitt, Wilhelm F., Mount Vernon, N. Y., assignor to Burndy Engineering Company, Inc. Flat conductor connection. 2,376,861; May 29.

Bonyhady, Emil M., Worcester, Mass. Boot construction. 2,378,461; June 19.

Booharin, Leo Y., assignor of one-half to M. Cooney, San Francisco, Calif. Gas mask. 2,381,568; Aug. 7.

Booher, Ortis C.: *See*—
Kahl, F., and Booher.

Book, Charles R., assignor to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container. 2,367,457; Jan. 16.

Book, Charles R., assignor to The Eyelet Specialty Company, Waterbury, Conn. Cosmetic container. 2,385,680; Sept. 25.

Booker, Walter D., Pine Falls, Manitoba, Canada. Steam trap. 2,378,748; June 19.

Bookstein, Sol, et al.: *See*—
Bustamante, Cesar, assignor.

Boon, William R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Halogeno-ketones. 2,370,392; Feb. 27.

Boon, William R., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Substituted ureas. 2,380,934; Aug. 7.

Boon, William R., and A. R. Lowe, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Secondary diamines. 2,387,873; Oct. 30.

Boone, John S. W., Chapel Hill, N. C. Self-loading truck body. 2,380,917; Aug. 7.

Boonton Molding Company: *See*—
Sayre, Gordon B., assignor.

Boor, Francis H., Lafayette, Ind., assignor to Rochester Bard. Fishing reel construction. 2,380,213; July 10.

Boor, Francis H., Lafayette, Ind., assignor to Fairfield Manufacturing Company. Differential mechanism. 2,380,397; July 31.

Booth, Alice, L., executrix: *See*—
Booth, Levis M.

Booth, Charles F., Anniston, Ala., assignor to Monsanto Chemical Company. Making arsenic chloride. 2,383,105; Aug. 21.

Booth, Charles F., Anniston, Ala., assignor to Monsanto Chemical Company. Making alkali metal ferric pyrophosphate. 2,385,188; Sept. 18.

Booth, Douglas G.: *See*—
Pugh, C. A., Booth, and Jarvis.

Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Chair. 2,381,718; Aug. 7.

Booth, F. E., Company, Inc.: *See*—
Derby, Harold K., assignor.

Booth, George B., Beaumont, Tex. Roofing shingle or tile. 2,380,398; July 31.

Booth, George M., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Collapsible tube folding apparatus. 2,381,716; Aug. 7.

Booth, George M., Westfield, and J. S. Ballard, Montclair, assignor to Wallace & Tiernan Co. Inc., Belleville, N. J. Dry chemical feeder. 2,381,802; Aug. 7.

Booth, Harry T.: *See*—
Cruzan, H., and Booth.

Booth, Harry T., Glencoe, Ill. Testing core tubes. 2,371,217; Mar. 13.

Booth, James D., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Receiver feed back circuits. 2,367,923; Jan. 23.

Booth, James D., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Distortionless radio-frequency amplifier. 2,384,791; Sept. 18.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc. Fastening means. 2,377,397; June 5.

Booth, James H., Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Roller-bearing joint assembly. 2,388,950; Nov. 13.

Booth, Joseph B. S.: *See*—
Elliott, R. C., Dewhurst, and Booth.

Booth, Levis M., deceased, by A. L. Booth, Plainfield, N. J., executrix. Manufacturing paper and board. 2,368,635; Feb. 6.

Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Drilling muds. 2,375,616; May 8.

Booth, Robert B., Springdale, Conn.; assignor to American Cyanamid Company, New York, N. Y. Wettable and dispersible thiocarbanilide. 2,383,106; Aug. 21.

Booth, Robert B., Springdale, and E. C. Herkenhoff, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of iron ore. 2,385,054; Sept. 18.

Booth, Rolfe G.: *See*—
Brunton, B., and Booth.

Booth, William E., Runcorn, and R. Cosway, Penketh, England, assignors to Imperial Chemical Industries Limited. Solvent extraction. 2,385,564; Sept. 25.

Boothby, Walter M.: *See*—
Akerman, J., Boothby, Bulbulian, and Lovelace.

Boothby, Walter M., and W. R. Lovelace, II, Rochester, Minn. Portable field oxygen therapy apparatus. 2,390,236; Dec. 4.

Boothe, James H.: *See*—
Wilson, C. O., and Boothe.

Boots, Lawrence, Bayard, Iowa. Plowshare. 2,386,424; Oct. 9.

Boots Pure Drug Company Limited: *See*—
Short, W. F., and Oxley, assignors.

Bopp, Frank H.: *See*—
Robinson, J. E., Bopp, and Millelot.

Borah, John E., Penn Township, St. Joseph County, Ind. Container. 2,389,890; Nov. 27.

Borah, John E. and J. M., Osceola, Ind. Shipping box. 2,377,125; May 29.
Borah, Judith M.: *See*—
Borah, John E. and J. M.
Boral, Max, New York, N. Y. Fountain pen. 2,391,385; Dec. 25.
Borbé Erich, Zurich, Switzerland. Parcel carrier. 2,374,645; May 1.
Borcherding, Walter H.: *See*—
Jewell, J. W., Creelman, and Borcherding.
Borcherdt, Robert T., Wilmette, Ill. Support. 2,382,970; Aug. 21.
Borchers, Earl, assignor to American Cabinet Hardware Corporation, Rockford, Illinois, Rockford, Ill. Catch. 2,376,325; May 22.
Borchers, Herbert L.: *See*—
Hishon, P. D., Carter, Ravn, and Borchers.
Borden Company, The: *See*—
Bradshaw, L., and Stachel, assignors.
Lemmel, P. T., and Fell, assignors.
Mook, Donald E., assignor.
Supplee, G. C., Jensen, and Flanigan, assignors.
Borden, David M., Royal Oak, assignor to Chrysler Corporation, Highland, Mich. Control apparatus. 2,390,043; Dec. 4.
Borden, Edmund G., Little Neck, assignor to Cities Service Oil Company, New York, N. Y. Production of purified aromatic hydrocarbons from petroleum. 2,375,464; May 8.
Borden, Moro M., Collingswood, N. J., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Metering apparatus. 2,385,772; Oct. 2.
Borden, Perry A., assignor to The Bristol Company, Waterbury, Conn. Galvanometer. 2,368,701; Feb. 6.
Border, Samuel L.: *See*—
Miller, C. A., and Border.
Borders, Alvin M., W. D. Wolfe, H. J. Osterhof, Cuyahoga Falls, and C. W. Walton, Stow, assignors to Wingfoot Corporation, Akron, Ohio. Method of diene polymerization. 2,386,735; Oct. 9.
Borders, Bert: *See*—
Marple, K. E., and Borders.
Marple, K. E., Evans, and Borders.
Bordner, Charles A.: *See*—
Cass, O. W., and Bordner.
Bordner, Charles A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of benzil. 2,377,749; June 5.
Bordo, Lambert J., North Willow Grove, Pa. Gate valve. 2,381,431; Aug. 7.
Bordon Company, The: *See*—
Corwin, J. F., and Moffitt, assignors.
Bordon Mfg. Co., Inc.: *See*—
Donnelly, Thomas S., Jr., assignor.
Borek, Walter, Worcester, Mass. Precision toolholder for boring machines and the like. 2,374,325; Apr. 24.
Borg, Edward M., Seattle, Wash. Fish canning machinery. 2,387,240; Oct. 23.
Borg, Ernst L. S., Gothenburg, assignor to Fabriksaktiebolaget Haldataxametern, Holmstad, Sweden. Shearing and punching machine for sheet metal. 2,386,652; Oct. 9.
Borg, George W., Corporation: *See*—
Gibbs, T. B., and Brown, assignors.
Johnston, Samuel A., assignor.
Borg, George W., Corporation, et al.: *See*—
(Carlson, C. A., assignor), and Butler.
Fink, Jean, assignor.
Fink, J., and Gibbs, assignors.
Gibbs, T. B., and Norrman, assignors.
Borg-Warner Corporation: *See*—
Bruestle, Carl O., assignor.
Carlson, Raymond A., assignor.
Carnagua, H. E., and Kelbel, assignors.
Carnagua, H. E., and Stough, assignors.
Conkle, Carl J., assignor.
Cravener, D. H., Jr., Ingersoll, and Wendel, assignors.
Delahan, E. H., and Frojd, assignors.
Doderer, Adolph W., assignor.
Dupuis, Ervin F., assignor.
Emerson, John R., assignor.
Godfrey, Lawrence P., assignor.
Harris, Cleo, assignor.
Hubacker, Earl F., assignor.
Ingersoll, Roy C., assignor.
Moffitt, William E., assignor.
Nutt, Harold, assignor.
Orr, Palmer, assignor.
Osborne, William B., assignor.
Russey, Edward S., assignor.
Simpson, John M., assignor.
Stuhlman, Frank A., assignor.
Stuhlman, F. A., and Berg, assignors.
Stuhlman, F. A., and Doderer, assignors.
Swennes, Benjamin A., assignor.
Van Voorhees, Harold E., assignor.
White, Samuel O., assignor.
Zeidler, Reinhold C., assignor.
Borgelt, Elmer H., Dayton, Ohio. Attaching electrical conductors to glider tow ropes. 2,389,132; Nov. 20.
Borgelt, Elmer H., Dayton, Ohio. Rope splicing tool. 2,390,505; Dec. 11.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Preparing a polyhydric alcohol ester of purified hydrogenated rosin. 2,366,589; Jan. 2.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Insulating tape. 2,367,663; Jan. 23.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Electrical insulation. 2,373,996; Apr. 17.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Refining tall oil. 2,374,975; May 1.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Core oil. 2,387,827; Oct. 30.
Bork, Edward R.: *See*—
Iddings, R. C., Bork, and Williams.
Borman, Henry W., and M. E. Engman, Centerville, S. Dak. Watering device. 2,372,544; Mar. 27.
Born, Frank G., and J. G. Oetzel, Beloit, Wis., assignors to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Brake control for vehicle trains. 2,377,318; June 5.
Bornhuetter, William C., Maplewood, N. J. Bed. 2,376,114; May 15.
Bornstein, Alfred B.: *See*—
Hall, Mora S., and Bornstein, A. B. and W.
Bornstein, Leopold: *See*—
Rostler, F., and Bornstein.
Bornstein, William: *See*—
Hall, Mora S., and Bornstein, A. B. and W.
Borregard, Erest, assignor to Fuller Displays, Inc., Long Island City, N. Y. Advertising display. 2,389,606; Nov. 27.
Borsakovsky, Voldemar, Saint-Julien par Sennecey le Grand (Saône-et-Loire), France; vested in the Alien Property Custodian. Milling grain. 2,379,677; July 3.
Borsodi, Morris, New York, N. Y. Pencil. 2,378,973; June 26.
Bortagaray, Mario C., Resistencia, Argentina. Surgical separator. 2,383,705; Aug. 28.
Bortner, David C., assignor to York-Shipley, Inc., York, Pa. Liquid fuel burner apparatus. 2,370,933; Mar. 6.
Borton, Alwyn E., South Orange, assignor to Associated Patentees, Inc., Ampere, N. J. Strip feed. 2,380,918; Aug. 7.
Bos, Nicolaas: *See*—
Addink, N. W. H., van Amstel, and Bos.
Bosansky, Charles, Bayside, N. Y. Cornice attachment for windows. 2,368,964; Feb. 6.
Bosch, Edward S., assignor, by mesne assignments, of one-third to G. R. Compton, Saltsburg, Pa. Shoe heel. 2,372,760; Apr. 3.
Bosch, Lester L., assignor to R. E. Kramig & Company, Inc., Cincinnati, Ohio. Dissipation of heat from bus bars. 2,372,155; Mar. 20.
Bosch, Lester L., assignor to R. E. Kramig & Company, Inc., Cincinnati, Ohio. Electrical bus bar. 2,376,307; May 15.
Bose, John R: *See*—
Jacobus, D. D., and Bose.
Bosland, Herman S.: *See*—
La Piana, F. G., and Bosland.
Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for processing cord. 2,381,398; Aug. 7.
Bossard, Werner: *See*—
Krebser, A., and Bossard.
Bossart, Paul N.: *See*—
Breisch, E. W., and Bossart.
Bosse, Paul H: *See*—
Penney, H. D., and Whiteman, assignors.
Bossen, Martin C., Denver, Colo. Motoboat propulsion mechanism. 2,384,436; Sept. 11.
Bossert, Thedore W.: *See*—
Nock, J. A., Jr., and Bossert.
Bossi, Enea W., New York, N. Y. Aircraft with rotary blade system. 2,381,968; Aug. 14.
Bossi, Enea, New York, N. Y. Airing of antitorque propellers. 2,383,038; Aug. 21.
Boston Herald-Traveler Corporation: *See*—
Evangelista, Anthony J., assignor.
Boston Machine Works Company: *See*—
Osgood, Walter P., assignor.
Boston Wire Stitcher Company: *See*—
Harred, George H., assignor.
Boston Woven Hose & Rubber Company: *See*—
Marcy, Grosvenor D., assignor.
Bostwick, Myron A., Budd Lake, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot relaying system. 2,376,752; May 22.
Botany Worsted Mills: *See*—
Pedrazzo, A. R. and E. R., assignors.
Bothner, Herman A., Springfield, Mass. Tool. 2,390,916; Dec. 11.
Botnick Motor Corporation: *See*—
Snell, Francis A., assignor.
Bottaro, Giacomo, Genoa, Italy; vested in the Alien Property Custodian. Apparatus for reclaiming of used lubricating oils. 2,368,636; Feb. 6.
Böttcher, Rudolf, Hohen-Neuendorf, near Berlin, Germany; vested in the Alien Property Custodian. Thermal pump. 2,368,101; Jan. 30.

Bottinelli, Lelio A., East Cleveland, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Wringer mechanism. 2,369,333; Feb. 13.

Bottinelli, Lelio A., East Cleveland, Ohio. Masher for potatoes. 2,385,966; Oct. 2.

Bottoms, Robert R., Crestwood, and J. H. Bowden, Louisville, Ky., assignors to National Cylinder Gas Company, Chicago, Ill. Fractionating column. 2,387,231; Oct. 23.

Botts, Hugh P., assignor of one-half to L. G. Botts, New York, N. Y. Book mounting. 2,375,190; May 8.

Botts, Laurence G.: *See*—
Botts, Hugh P., assignor.

Bouchard, Frederick J., Radford, Va., assignor to Hercules Powder Company, Wilmington, Del. Preparation of rubber derivatives. 2,376,027; May 15.

Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Head protector. 2,390,352; Dec. 4.

Bouchelle, William T., Scarsdale, N. Y., assignor to The Lord Baltimore Press, Baltimore, Md. Display device. 2,387,639; Oct. 23.

Bouchelle, William T., Scarsdale, N. Y., assignor to The Lord Baltimore Press, Baltimore, Md. Dispensing container. 2,387,640; Oct. 23.

Boucher, Charles L.: *See*—
De Lange, C., and Boucher.

Boucher, Charles P.: *See*—
Keiser, R. W., and Boucher.

Boucher, Charles P., Fostoria, Ohio, assignor to Boucher Inventions, Ltd. Illuminating tube system. 2,366,768; Jan. 9.

Boucher, Charles P., Fostoria, Ohio, assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer. 2,371,576; Mar. 13.

Boucher, Charles P., Fostoria, Ohio, assignor to Boucher Inventions, Ltd. Electrode. 2,384,007; Sept. 4.

Boucher, Charles P., Paterson, and F. A. Kuhl, Ridgewood, N. J., assignors to Boucher Inventions, Ltd. Luminescent tube system and apparatus. 2,370,633; Mar. 6.

Boucher Inventions, Ltd.: *See*—
Boucher, Charles P., assignor.
Boucher, C. P., and Kuhl, assignors.
Bridges, John H., assignor.

Boucher and Keiser Company: *See*—
Keiser, Russell W., assignor.
Keiser, R. W., and Boucher, assignors.

Boudin, Louis, Saint-Gobain, France; vested in the Alien Property Custodian. Apparatus for the continuous production of corrugated glass sheets. 2,382,379; Aug. 14.

Bouget, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating apparatus. 2,386,090; Oct. 2.

Boughton, Nolan E., Three Rivers, Mich. Cart for golf bags and the like. 2,383,587; Aug. 28.

Boughton, Willis A., and W. R. Mansfield, Cambridge, and F. C. Hughes, Boston, assignors to W. A. Boughton, C. L. Dawes, W. R. Mansfield, F. C. Hughes, and D. M. Hill, trustees of Mica Patents Trust, Cambridge, Mass. Making high temperature-resisting bonded mica products. 2,387,559; Oct. 23.

Boulet, Georges, Plessis-Robinson, France; vested in the Alien Property Custodian. Aircraft power plant for high altitude flight. 2,387,560; Oct. 23.

Boultbee, Arthur H.: *See*—
Bannerot, R. A., Boultbee, and Greensfelder.

Boulton, Harry L., and A. B. Savage, assignors to The Dow Chemical Company, Midland, Mich. Release agent for film-casting and embossing operations. 2,388,206; Oct. 30.

Boulton Paul Aircraft Limited: *See*—
Tompkins, W., and Doe, assignors.

Bound, Harry H., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Bicycle frame. 2,380,497; July 31.

Bound, Rowland H., assignor to Dowty Equipment Limited, Cheltenham, England. Aircraft alighting gear. 2,366,697; Jan. 9.

Bour, Robert C., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph compositions and blankets. 2,368,516; Jan. 30.

Bour, Robert C., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket and preparing same. 2,372,354; Mar. 27.

Bourg, Anthony B.: *See*—
Heckethorn, J. E., Bourg and Leonard.

Bourgeois, George A., Lynn, Mass. Abrading machine. 2,368,108; Jan. 30.

Bourland, Eli, Milbrae Highlands, assignor to Pacific Can Company, San Francisco, Calif. Safety stop and mounting. 2,374,326; Apr. 24.

Bourland, Ira R., Chicago, and A. A. Heavener, Western Springs, Ill., assignors to General Motors Corporation Detroit, Mich. Governor. 2,371,793; Mar. 20.

Bourke, Thomas N., Grosse Pointe, and G. Stroh, Jr., Detroit, Mich. Glare shield. 2,370,521; Feb. 27.

Bourne, Raymond D., Middletown, Ohio. Streamlined hinge line for aircraft. 2,368,702; Feb. 6.

Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Gun silencer. 2,375,617; May 8.

Bourque, Philip L., Detroit, Mich. Electrode holder. 2,375,836; May 15.

Bousky, Samuel, Shaker Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Balancing machine. 2,383,588; Aug. 28.

Bousky, Samuel, Shaker Heights, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Self-aligning bearing assembly. 2,390,353; Dec. 4.

Bouslog, John G., Compton, Calif. Oil well bailer line measuring device. 2,383,844; Aug. 28.

Bousman, Samuel I., assignor to Western Machinery Company, San Francisco, Calif. Sedimentation apparatus. 2,368,703; Feb. 6.

Bousman, Samuel I., assignor to Western Machinery Company, San Francisco, Calif. Sedimentation apparatus. 2,370,120; Feb. 27.

Bouton, Edgar M., Nutley, and D. Santini, Tenafly, N. J., assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Elevator system. 2,376,113; May 15.

Bouton Foster Co., The: *See*—
Bouton, Marvin H., assignor.

Bouton, Marvin H., Glen Ellyn, assignor to The Bouton Foster Co., Chicago, Ill. Coating apparatus. 2,372,248; Mar. 27.

Bouvy, Christiaan H: *See*—
Crockett, C. V., Jr., and Bouvy.

Bouwer, Adam B., and L. Dorfman, Johannesburg, Transvaal, Union of South Africa. Concentrator. 2,373,452; Apr. 10.

Bouwers, Albert, Eindhoven, Netherlands. Apparatus for rectification and voltage increase. 2,369,772; Feb. 20.

Bouyoucos, George, assignor to Michigan State Board of Agriculture, East Lansing, Mich. Electric hygrometer. 2,367,561; Jan. 16.

Bouyoucos, George, assignor to Michigan State Board of Agriculture, East Lansing, Mich. Thermometer. 2,375,892; May 15.

Bovee, Jesse M., San Francisco, Calif. Flexible shank tool. 2,372,930; Apr. 3.

Bowan, Walter J.: *See*—
Mueller, F. H., and Bowan.

Bowden (Engineers) Limited: *See*—
Melsom, Walter A., assignor.

Bowden, James H.: *See*—
Bottoms, R. R., and Bowden.

Bowden, James J., and J. S. Suda, Warren, Ohio. Manufacture of iron and steel. 2,375,520; May 8.

Bowen, Bertram E. V.: *See*—
Wood, W. L., and Bowen.

Bowen, James M., Cape May Court House, and C. J. Allen, Moorestown, N. J., assignors to S. L. Allen & Co., Inc., Philadelphia, Pa. Adjustable gauge wheel support. 2,381,202; Aug. 7.

Bowen, John E.: *See*—
Pieri, E. D., and Bowen.

Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Molded boat. 2,376,753; May 22.

Bowen, Leslie G., Chicago, Ill. Airplane. 2,376,862; May 29.

Bowen, Lloyd R., Oakland, Calif. Jack switch. 2,368,914; Feb. 6.

Bowen Products Corporation: *See*—
Young, Leonard A., assignor.

Bowen Research Corporation: *See*—
Bunnell, Arthur V., assignor.

Bowen, William S., Westfield, N. J. Apparatus for producing metallic magnesium. 2,377,478; June 5.

Bower, Clark D., Pomona, Calif., assignor, by mesne assignments, to Fairbanks, Morse & Co. Mounting means for pump impellers and the like. 2,378,974; June 26.

Bower, George D., University City, assignor to Automatic Control Corporation, St. Louis, Mo. Heat-responsive element. 2,384,153; Sept. 4.

Bower, George D., University City, assignor to Automatic Control Corporation, St. Louis, Mo. Burner control mechanism. 2,388,666; Nov. 13.

Bower, George W., Harbor Creek, Pa., assignor to General Electric Company. Snap-acting device. 2,388,951; Nov. 13.

Bower James A., Chester, W. Va., assignor to The Taylor, Smith & Taylor Company, East Liverpool, Ohio. Sand packer for pottery. 2,375,191; May 8.

Bower, Walter, Barlborough, England. Wheel for agricultural tractors. 2,381,639; July 31.

Bowerman, Ernest W., Baytown, Tex., assignor to Standard Oil Development Company. Alkylation. 2,370,771; Mar. 6.

Bowers, Albert F., Charleston, W. Va., assignor to American Telephone and Telegraph Company. Radio telephone system. 2,383,908; Aug. 28.

Bowers, Ernest C., St. Paul, Minn. Forming transferable silk screen stencils. 2,374,524; Apr. 24.

Bowers, Herbert L., North Bergen, N. J., assignor to The Permutit Company, New York, N. Y. Apparatus for removing iron dissolved in water. 2,370,772; Mar. 6.

Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,385,493; Sept. 25.

Bowers, Louis E., Phoenix, Ariz. Medicine dropper. 2,382,771; Aug. 14.

Bowers, Oscar L., Tri-State Village, and S. Newburger, Chicago, Ill. Reel drive mechanism. 2,372,310; Mar. 27.

Bowers, Roy L.: *See*—
Lauer, C. J., and Bowers.

Bowers, Thomas A., assignor to Power Research Corporation, Boston, Mass. Piston ring. 2,390,044; Dec. 4.
Bowerston Shale Company, The: *See*—
Demuth, Wilbur O., assignor.
Bowie, Adrian St. J., assignor to Food Machinery Corporation, San Jose, Calif. Plunger packing. 2,388,520; Nov. 6.
Bowie, Harry J., Willow Grove, assignor to Fischer & Porter Company, Hatboro, Pa. Flow meter. 2,380,399; July 31.
Bowker, Frank E.: *See*—
Marziani, Joseph, assignor.
Bowles, Albert F., and H. M. Lipsius, Philadelphia, Pa. Mercury vapor discharge device. 2,379,620; July 3.
Bowles, Vernon O.: *See*—
Schutte, A. H., and Bowles.
Bowles, Vernon O., Dobbs Ferry, assignor to The Lummus Company, New York, N. Y. Catalytic reactor. 2,385,189; Sept. 18.
Bowling, Leonard C., assignor of one-half to L. O. Koen, Houston, Tex. Motor steering apparatus. 2,368,741; Feb. 6.
Bowling Patents Management Corporation: *See*—
Schmidt, Gottfried J., assignor.
Bowman, David W., Hollywood, assignor to Western Precipitation Corporation, Los Angeles, Calif. Apparatus for separating suspended matter from gas. 2,370,444; Feb. 27.
Bowman, Edward J., Anaconda, Mont. Separable connection for rock drills and like structures. 2,379,472; July 3.
Bowman Gum, Inc.: *See*—
Bowman, Jacob W., assignor.
Bowman, Jacob Warren, Rydal, Pa., assignor to Bowman Gum, Inc. Apparatus and method for the treatment of rubber or rubberlike materials. 2,368,102; Jan. 30.
Bowman, Jake F., Houston, Tex. Rodent guard. 2,381,569; Aug. 7.
Bowman, Lee, Hollywood, Calif., assignor of twenty per cent to C. A., C., and C. A. Cooper, Jr., Las Vegas, Nev., ten per cent to C. F. Shield, Glendale, and five per cent to P. J. Healy, Los Angeles, Calif. Airscrew. 2,378,125; June 12.
Bowman, Philip I.: *See*—
Burrell, H., and Bowman.
Bowman, Philip I., Syracuse, N. Y., and H. Burrell, Paramus, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation. Nitrogen-containing resins and exchanging anions in fluid media. 2,388,235; Nov. 6.
Bowman, Robert L., Chaska, Minn. Sugar beet harvester and topper. 2,371,422; Mar. 13.
Bowman, Roy N.: *See*—
Hurlbut, J. H., Davidson, and Bowman.
Bowman, Wade W., assignor to Frostidrink Inc., New York, N. Y. Cup-dispensing mechanism. 2,374,168; Apr. 24.
Bowman, Wade W., assignor to Frostidrink Inc., New York, N. Y. Check controlled apparatus. 2,386,191; Oct. 9.
Bowman, Wade W., assignor to Frostidrink Inc., New York, N. Y. Carbonating apparatus. 2,391,003; Dec. 18.
Bown, Clifford E., Youngstown, Ohio. Double purpose tool. 2,383,464; Aug. 28.
Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tie line. 2,379,061; June 26.
Bowser, S. F., & Company: *See*—
Blum, Hosmer L., assignor.
Bowser, S. F., & Company, Incorporated: *See*—
Chapman, C. H., and Griffith, assignors.
Farrell, Lawrence S., assignor.
Griffith, C. P., and Delaney, assignors.
Harvuot, Frank B., assignor.
Marsh, Cyril, assignor.
Marvel, Harvey E., assignor.
Merrill, Joseph A., assignor.
Box Blank Corporation: *See*—
Glover, Ralph M., assignor.
(Pantalone, V. R., assignor), and Elliott.
Boxley, Joseph H., Richmond, Va. Nursing bottle. 2,379,562; July 3.
Boyajian, James A., Chicago, Ill., assignor to J. P. Seeburg Corporation. Automatic phonograph. 2,388,595; Nov. 6.
Boyar-Schultz Corporation: *See*—
Gideon, Victor W., assignor.
Boyce, Edward D., Little Falls, assignor to Bendix Aviation Corporation, Bendix, N. J. Shaping machine. 2,368,965; Feb. 6.
Boyce, Eugene L.: *See*—
Loewe, P. L., and Boyce.
Boyce, Malcolm B., Haverhill, Mass. Lubrication of automotive tires. 2,388,114; Oct. 30.
Boyd, Albert W., Detroit, Mich. Attachment for typewriting machines. 2,389,408; Nov. 20.
Boyd, Charles P., Kennet Square, Pa. Trough supporting means. 2,387,241; Oct. 23.
Boyd, George S., East Cleveland, Ohio. Multiple work support. 2,388,521; Nov. 6.
Boyd, George S., East Cleveland, Ohio. Tool support. 2,388,522; Nov. 6.
Boyd, James H., Jr., Hudson Township, Summit County, Ohio, assignor to Phillips Petroleum Company. Preparation of cyclopentanone. 2,371,794; Mar. 20.
Boyd, James H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating diolefins. 2,386,927; Oct. 16.
Boyd, John: *See*—
Hagg, A. C., and Boyd.
Boyd, John, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing assembly. 2,372,054; Mar. 20.
Boyd, John C., Clayton, Mo. Making plastics. 2,372,761; Apr. 3.
Boyd, Leo B., Gardena, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Flexible adapter. 2,381,102; Aug. 7.
Boyd, Mary P., et al: *See*—
Boyd, William P., assignor.
Boyd, Millard C., assignor to The Ryan Aeronautical Company, San Diego, Calif. Lateral control device for aircraft. 2,379,274; June 26.
Boyd, William P., Nashua, N. H.; R. B. Burnham, administrator of said W. P. Boyd, deceased, assignor of one-half to G. W. Pearson, Lowell, Mass., and one-half to M. P. Boyd, Exeter, N. H. Power razor. 2,375,521; May 8.
Boydell, E., & Company Limited: *See*—
Coldwell, Joe D., assignor.
Boyden, Robert E., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Actuating mechanism for calculating machines. 2,366,431; Jan. 2.
Boyea, Ovila W., Malone, N. Y. Airplane. 2,379,875; July 10.
Boyer, Harry: *See*—
Pooler, Earl E., assignor.
Boyer, James B., Washington, D. C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,390,985; Dec. 18.
Boyer, Ralph L., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Supercharger for four-cycle gas fueled engines. 2,375,071; May 1.
Boyer, Ralph V., Nahant, Mass., assignor to General Electric Company. Laminated structure. 2,376,653; May 22.
Boyer, Robert A.: *See*—
Ford, H., Boyer, and Beyer.
Boyer, Robert A., Dearborn, and J. Crupi and W. T. Atkinson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Protein manufacture. 2,377,853; June 12.
Boyer, Robert A., Dearborn, and W. T. Atkinson and C. F. Robinette, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Artificial fibers and manufacture thereof. 2,377,854; June 12.
Boyer, Robert Q.: *See*—
Kirk, P. L., and Boyer.
Boyer, Samuel R., Westminster, Md. Instrument for locating and spacing bored holes. 2,384,071; Sept. 4.
Boykin, John R., Baltimore, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage limiting circuit. 2,373,997; Apr. 17.
Boyle, John R., assignor to Westerlin and Campbell Company, Chicago, Ill. Air circulating apparatus. 2,380,935; Aug. 7.
Boyle-Midway Inc.: *See*—
Gelfand, Michael, assignor.
Boyles, Harry, and R. W. Grabb, Jeannette, assignors to Elliott Company, Pittsburgh, Pa. Apparatus for expanding tubes. 2,373,097; Apr. 10.
Boyles, Ralph R., and E. A. Wilhelm, assignors, to Waterous Company, St. Paul, Minn. Ejector. 2,376,326; May 22.
Boynton, Alexander, San Antonio, Tex.; S. S. Martin, executrix of said A. Boynton, deceased. Pressure regulator. 2,366,174; Jan. 2.
Boynton, Alexander, San Antonio, Tex.; S. S. Martin, executrix of said A. Boynton, deceased. Remotely controlled flow valve. 2,366,175; Jan. 2.
Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Remotely controlled flow valve. 2,368,406; Jan. 30.
Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Remotely controlled flow valve. 2,368,407; Jan. 30.
Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Pressure regulator, temperature resistant. 2,370,139; Feb. 27.
Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Flow intermitter. 2,370,140; Feb. 27.
Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Wrench. 2,370,837; Mar. 6.
Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Fluid pressure regulator. 2,371,218; Mar. 13.
Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Pressure regulator, bellows type. 2,371,219; Mar. 13.
Boynton, Alexander, San Antonio, Tex.; S. S. Martin executrix of said A. Boynton, deceased. Remotely controlled flow valve. 2,371,220; Mar. 13.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin executrix. Automatically rotatable bit for cable well tools. 2,371,498; Mar. 13.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Flow intermitter. 2,372,656; Apr. 3.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Side drive for rear wheels. 2,372,657; Apr. 3.

Boynton, Alexander, San Antonio, Tex., S. S. Martin, executrix of said A. Boynton, deceased. Remotely controlled flow valve operating tool. 2,373,647; Apr. 17.

Boynton, Alexander, San Antonio, Tex., S. S. Martin, executrix of said A. Boynton, deceased. Remotely controlled flow valve operating tool. 2,373,648; Apr. 17.

Boynton, Alexander, San Antonio, Tex.; S. S. Martin, executrix of said A. Boynton, deceased. Cementing between multiple sands. 2,374,169; Apr. 24.

Boynton, Alexander, deceased, San Antonio, Tex.; S. S. Martin, executrix. Pressure gauge for pneumatic tires. 2,384,437; Sept. 11.

Boynton, Arthur J., Chicago, Ill. Apparatus for averaging materials. 2,385,494; Sept. 25.

Boynton & Company: *See*—
Drebes, Fred C., assignor.

Boynton, Earl S., East Orange, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Snap spring. 2,368,193; Jan. 30.

Boynton, Walter S., Portland, Maine. Method and apparatus for treating vegetables to remove unwanted particles therefrom. 2,380,498; July 31.

Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal-controlled relaxation oscillator. 2,373,223; Apr. 10.

Brace, George A., Takoma Park, D. C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,377,319; June 5.

Bracewell, Harry, Dadar, Bombay, British Indian. Weft-changing mechanism for looms. 2,373,943; Apr. 17.

Bracken, Wallace H., Rye, N. Y. Wardrobe trunk. 2,385,910; Oct. 2.

Brackett, Ralph T.: *See*—
Crews, Herman A., assignor.

Bradberry, Henrietta, Chicago, Ill. Torpedo discharge means. 2,390,688; Dec. 11.

Bradbury, Frederick G.: *See*—
Abadie, Henry G., assignor.

Bradbury, William T., Oreland, Pa., and C. E. Chesser and H. F. Lieber, assignors to Newark Stove Company, Newark, Ohio. Automatic magazine feed solid fuel heater. 2,382,287; Aug. 14.

Braddon, Frederick D.: *See*—
Carter, L. F., and Braddon.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro magnetic compass controlling means. 2,375,764; May 15.

Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic instrument. 2,385,342; Sept. 25.

Braddon, Frederick D., Babylon, N. Y., and L. F. Carter, Leonia, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Turn error preventing means for gyro-verticals. 2,369,131; Feb. 13.

Braden, Rene A., Haddon Heights, N. J., assignor to Radio Corporation of America. Monitoring and measuring apparatus for frequency modulated signals. 2,369,011; Feb. 6.

Bradford, Arthur J.: *See*—
Ditty, Allan V., and Bradford.

Bradford, James J., Burbank, Calif. Laminated slide film mount. 2,383,465; Aug. 28.

Bradford, James J., Burbank, Calif. Film mount slide. 2,390,053; Dec. 4.

Bradford, Purdy: *See*—
Young, H. H. and C. S., and Bradford.

Bradford, Zerbe C., Dayton, Ohio., assignor to General Motors Corporation, Detroit, Mich. Actuator. 2,387,713; Oct. 30.

Brading, Harry M., assignor to Indian Archery & Toy Corporation, Evansville, Ind. Sight. 2,378,391; June 19.

Bradley, Chester W.: *See*—
Salley, D. J., Bradley, and Davis.

Bradley, Chester W., Old Greenwich, and H. S. Davis, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing acrylonitrile. 2,385,327; Sept. 25.

Bradley Equipment Company: *See*—
Bradley, Ralph A., assignor.

Bradley, Frank: *See*—
Williamson, A. T., and Bradley.

Bradley, James A., assignor to The United Sales Corporation, Pittsburgh, Pa. Excavating equipment. 2,379,876; July 10.

Bradley Pie Company: *See*—
Bryant, Frank, assignor.

Bradley, Ralph A., Minneapolis, Minn. Vehicle axle. 2,370,773; Mar. 6.

Bradley, Ralph A., Minneapolis, assignor to Bradley Equipment Company, St Paul, Minn. Load bearing spring assembly for trucks or the like. 2,387,874; Oct. 30.

Bradley, Robert I., Belmont, Mass. Temperature measuring instrument. 2,371,603; Mar. 20.

Bradley, Theodore F.: *See*—
Miller, A. A., and Bradley.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Synthetic waxes and wax compositions. 2,367,712; Jan. 23.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Synthetic drying oils. 2,378,827; June 19.

Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Amides of high molecular weight carboxylic acids. 2,379,413; July 3.

Bradley Washfountain Co.: *See*—
Mullett, H. G., and Wachter, assignors.

Bradley, William E.: *See*—
Bingley, F. J., and Bradley.

Bradley, William E., assignor to Union Oil Company of California, Los Angeles, Calif. Production of hydrocarbon fuels. 2,376,472; May 22.

Bradley, William E., Northampton, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Harmonic generator. 2,391,386; Dec. 25.

Bradner, Donald B., Mount Healthy, Ohio, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Apparatus for applying moisture to paper webs. 2,366,484; Jan. 2.

Bradshaw, John: *See*—
Milnarik, W., and Bradshaw.

Bradshaw, Lawrence, Bainbridge, N. Y., and C. L. Stachel, Detroit, Mich., assignors to The Borden Company, New York, N. Y. Making adhesive material. 2,391,387; Dec. 25.

Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Decorative effects in polystyrene moldings. 2,383,765; Aug. 28.

Bradt, Charles H. Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,387,739; Oct. 30.

Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating machine. 2,387,740; Oct. 30.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Bag closure. 2,373,010; Apr. 3.

Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Co., St. Louis, Mo. Bag closure. 2,385,255; Sept. 18.

Brady, Francis E., Jr., Muncie, Ind. Pump. 2,382,539; Aug. 14.

Brady, Howard W.: *See*—
Greenberg, H., and Brady.

Braendel, Felix W., Union City, and C. C. Richards, West New York, assignors to Groov-Pin Corporation, Union City, N. J. Making grooved pins and the like. 2,376,335; May 22.

Braendel, Felix W., Union City, and C. C. Richards, West New York, assignors to Groov-Pin Corporation, Union City, N. J. Making grooved pins and the like. 2,376,654; May 22.

Braendle, Harold A.: *See*—
Wiegand, W. B., and Braendle.

Bragg, Thomas W.: *See*—
Jaynes, A., and Bragg.

Braham, William E.: *See*—
McConnell, A. M. and Braham.

Brahmer, Leland F.: *See*—
Hanna, R. P., and Brahmer.
Hanna, R. P., Atkinson, and Brahmer.

Brahn, Benno B. A., Amsterdam, Netherlands, assignor, by mesne assignments, to R. E. V. Roesler de Villiers, New Rochelle, N. Y. Suppositorium containing insulin. 2,373,625; Apr. 10.

Braidwood, Chester A., deceased; E. N. Braidwood, executrix, Perth Amboy, N. J. Indicating system. 2,374,408; Apr. 24.

Braidwood, Emily N., executrix: *See*—
Braidwood, Chester A.

Brain, Harry E., London, W. C. 1, assignor to The Automatic Telegraph and Radio Transceiver Company, Limited, London, England. Telegraphic transmission apparatus. 2,382,127; Aug. 14.

Brainard, Kenneth A., Altadena, Calif. Electrical terminal. 2,380,936; Aug. 7.

Brainard Steel Corporation, The: *See*—
Schindler, Frank S., assignor.

Brake Equipment & Supply Co.: *See*—
Pratt, B., and Smith, assignors.

Braker, William, Brooklyn, and E. Pribyl, Astoria, assignors to E. R. Squibb & Sons, New York, N. Y. 6-amino nicotinamide derivatives. 2,381,873; Aug. 14.

Braloff, Henry E., Rockville Centre, N. Y. Container and making the same. 2,369,012; Feb. 6.

Braloff, Henry E., Rockville Centre, N. Y. Container and making the same. 2,369,013; Feb. 6.

Bramberry, Harry M., Oak Park, Ill. Manufacturing piston rings. 2,390,417; Dec. 4.

Brammer, Frederick C., and W. C. H. West, assignors to Thames Board Mills Limited, Purfleet, England. Pneumatic control. 2,382,853; Aug. 14.

Brams, Stewart L., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Rubber composition and making same. 2,388,037; Oct. 30.

Bramson, Ely, assignor to Bramson Manufacturing Company, Inc., Chicago, Ill. Egg candling apparatus. 2,370,121; Feb. 27.
Bramson, Ely, assignor to The Bramson Manufacturing Co., Chicago, Ill. Egg candling apparatus. 2,370,122; Feb. 27.
Bramson Manufacturing Company, Inc.: *See*—
Bramson, Ely, assignor.
Bramson, Maurice, Brooklyn, N. Y. Closure for steam sterilizers. 2,379,473; July 3.
Bramson, Maurice, Brooklyn, N. Y. Heating cabinet, incubator, and the like. 2,379,474; July 3.
Brand, Benjamin, Minot, N. Dak. Ground stake. 2,366,997; Jan. 9.
Brand, Frederick B., Hollis, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Indicator dial. 2,378,975; June 26.
Brand, Maurice B., Chicago, Ill. Smoking appliance. 2,373,993; Apr. 17.
Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Gun. 2,379,784; July 3.
Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Adding and subtracting mechanism. 2,386,425; Oct. 9.
Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Key controlled calculating mechanism. 2,369,430; Feb. 13.
Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,375,275; May 8.
Brandel, Otto J., Portland, Oreg. Ladder construction. 2,368,915; Feb. 6.
Brandell, Elmer: *See*—
Neal, Ernest C., assignor.
Brandenburg, Hellmuth R., Cowell, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Converting hydrous magnesian silicates into basic products. 2,384,008; Sept. 4.
Brandenburg, Hellmuth R., Cowell, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Recovering magnesium salts. 2,384,009; Sept. 4.
Brandenburg, Hellmuth R., Grass Valley, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Producing magnesium sulphate. 2,384,010; Sept. 4.
Brandes, Arthur, Arcadia, Calif., assignor of one-half to R. S. Chapman, Phoenix, Ariz. Steam treatment vessel. 2,379,062; June 26.
Brandl, Willi, Zurich, Switzerland; vested in the Alien Property Custodian. Water heater. 2,369,526; Feb. 13.
Brandon, Howard, et al.: *See*—
Nelson, Noble A., assignor.
Brandsten, Ernst M., Woodside, Calif. Life preserver. 2,373,994; Apr. 17.
Brandstrom, Fred, Westport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Air volume control. 2,381,640; Aug. 7.
Brandt Automatic Cashier Company: *See*—
Buchholz, A. R., and Barganz, assignors.
Brandt, Christlieb K., Sr., Kirkwood, Mo. Safety razor. 2,382,957; Aug. 21.
Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Natural gas recycling process. 2,367,285; Jan. 16.
Brandt, David G., Westfield, N. J., assignor to Cities Oil Company, New York, N. Y. Process for manufacturing alkyl benzene hydrocarbons. 2,391,818; Dec. 25.
Brandt, Edgar W., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de brevets, Fribourg, Switzerland. Ordnance. 2,368,966; Feb. 6.
Brandt, Henry, et al.: *See*—
Fees, John N., assignor.
Brandt, Henry E., St. Paul, Minn. Fire extinguishing device. 2,366,692; Jan. 9.
Brandt, Howard, New York, N. Y. Welder's unit. 2,373,161; Apr. 10.
Brandt, John F., Irondequoit, and R. F. E. Stegeman, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,384,528; Sept. 11.
Brandt, Joseph, & Bro. Inc.: *See*—
Brandt, Louis, assignor.
Brandt, Louis, assignor to Joseph Brandt & Bro. Inc., New York, N. Y. Apparatus for folding sheet material. 2,368,445; Jan. 30.
Brandt, Philipp: *See*—
Ratti, R., and Brandt.
Brandtjen & Kluge, Inc.: *See*—
Kluge, Eneval, assignor.
Brandwein, A. & Company: *See*—
Kelly, Dwight N., assignor.
Brangaccio, David J., Summit, N. J. Frame patch pocket. 2,369,208; Feb. 13.
Branham, Adolphus D., St. Louis, Mo. Recording mechanism. 2,385,399; Sept. 25.
Brann, Mark, Arcadia, Fla. Navigation trainer. 2,387,875; Oct. 30.
Brannon, Herbert E., Detroit, Mich. Electric broiler. 2,386,426; Oct. 9.
Branson, David E., River Edge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph switching system. 2,382,128; Aug. 14.
Branson, Norman G.: *See*—
Kuehni, H. P., and Branson.
Brant, Joseph H., and R. L. Hasche, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of acrylonitriles. 2,386,586; Oct. 9.
Brant, Olaf M.: *See*—
McMinn, W. W., and Brant.
Brass Goods Manufacturing Co.: *See*—
Maloney, Frank H., assignor.
Brass Products Co.: *See*—
Haldane, James M., assignor.
Brassert, H. A., & Company: *See*—
Brassert, Herman A., assignor.
Brassert, H. A., and Ramseyer, assignors.
Bruton, Albert L., assignor.
Ramseyer, Charles F., assignor.
Ramseyer, C. F., and de Jahn, assignors.
Brassert, Herman A.: *See*—
Cape, A. T., Brassert, and Thomas.
Brassert, Herman A., Rye, assignor to Minerals and Metals Corporation, New York, N. Y. Producing metals. 2,367,262; Jan. 16.
Brassert, Herman A., Washington, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Manufacture of metal products. 2,383,766; Aug. 28.
Brassert, Herman A., Washington, and C. F. Ramseyer, Old Greenwich, Conn., assignors to H. A. Brassert & Company, New York, N. Y. Apparatus for reduction of metallic material. 2,389,133; Nov. 20.
Bratton, Samuel M., assignor to The Pusey & Jones Corporation, Wilmington, Del. Joint construction. 2,381,432; Aug. 7.
Brauchler, Charles A., Canton, Ohio. Manufacture of propeller blades. 2,378,059; June 12.
Brauchler, Charles A., Canton, Ohio. Forging apparatus. 2,378,060; June 12.
Brauchler, Charles A., Canton, Ohio. Forging cylinder heads. 2,390,867; Dec. 11.
Braun, Anita M., Winnipeg, Manitoba, Canada. Oil refining means. 2,388,821; Nov. 13.
Braun, Arno A., assignor to Universal Oil Reclaimer Company, Limited, Winnipeg, Manitoba, Canada. Oil reclaiming device. 2,377,988; June 12.
Braun, Ernest J., Park Ridge, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Car lining. 2,377,989; June 12.
Braun, Geza and O. N. Breivik, assignors to Standard Brands, Incorporated, New York, N. Y. Separation of hydroxy carboxylic acids. 2,382,288; Aug. 14.
Braun, Glenn J., Huntington Park, Calif. Tool holder. 2,371,377; Mar. 13.
Braun, Karl J., North Merrick, and O. E. Kase, Valley Stream, assignors to Remington Rand Inc., Buffalo, N. Y. Punching mechanism. 2,387,828; Oct. 30.
Braun, Robert H., Glendale, Calif. Pallet. 2,372,055; Mar. 20.
Braun, Walter, Los Angeles, Calif. Shoe construction. 2,380,146; July 10.
Braun, William F. H., Wynnewood, Pa. Lawn mower sharpener. 2,367,562; Jan. 16.
Braunberger, Fred, Garrison, N. Dak. Novelty and initial cutting machine. 2,369,941; Feb. 20.
Brauner, Fred: *See*—
Ullman, R., and Brauner.
Bray, Ulric B.: *See*—
Shields, J. E., and Bray.
Brayley, John, trustee: *See*—
Streater, Edward C., assignor.
Breadner, Robert L., Kenton, J. W. Harris, North Wembly, and C. H. Simms, Twickenham, England, assignors to General Electric Company. Making seals. 2,374,269; Apr. 24.
Breault, Delphis C., Boston, assignor to American Heat Corporation, Lowell, Mass. Oil burner. 2,381,803; Aug. 7.
Brecher, Irving: *See*—
Lesavoy, I. L., and Brecher.
Brechner, Claude H.: *See*—
Griffin, N. B., and Brechner.
Brecht, Winston A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive gear drive. 2,370,002; Feb. 20.
Brecht, Winston A., Forest Hills, and F. L. Alben, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Locomotive drive unit. 2,381,255; Aug. 7.
Brechtel, Robert H., Sebewaing, Mich. Reshaping bags filled with fluent material. 2,373,162; Apr. 10.
Breck, Samuel, Rutherford, N. J., assignor to United States Rubber Company, New York, N. Y. Vulcanization of olefine-diolefine copolymers. 2,386,427; Oct. 9.
Breckley, Joseph A.: *See*—
Robertson, D. W., and Breckley.
Brede Inc.: *See*—
Brede, W. S., Curtis, and Reibold, assignors.
Brede, Martin H., Denver, Colo. Carrying pocket. 2,387,232; Oct. 23.
Brede, William S., M. M. Curtis, and J. L. Reibold, assignors to Brede, Inc., Minneapolis, Minn. Bag construction. 2,370,226; Feb. 27.
Bredenbeck, Bill C., Parma, assignor to Thompson Products, Inc., Cleveland, Ohio. Seal assembly. 2,390,201; Dec. 4.

Breed, Carroll M., assignor to United Stove Company, Ypsilanti, Mich. Lighter for oil burner stoves. 2,372,174; Mar. 27.

Breed, Charles W., Western Springs, and G. R. Burkhardt, Chicago, Ill., assignors to American Brake Shoe Company, New York, N. Y. Railway frog body. Re. 22,630; Apr. 17.

Breedlove, Charles B., Romeo, Mich. Guard or baffle for fuel tanks. 2,372,545; Mar. 27.

Breedlove, Charles B., Detroit, Mich. Threaded fastener. 2,378,462; June 19.

Breeler, Walter R., and G. M. Butler, Jr., Fredonia, N. Y., assignors to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Poppet valve and valve seat for internal-combustion engines. 2,380,821; July 31.

Breen, Henry D., and A. F. O'Connor, assignors to Union Asbestos & Rubber Company, Chicago, Ill. Railway car end construction. 2,373,378; Apr. 10.

Breen, Walter F., Lancaster, and M. B. Good, Ephrata Township, Lancaster County, assignors to Hamilton Watch Company, Lancaster, Pa. Table. 2,389,022; Nov. 13.

Breer, Carl, Grosse Pointe Park, and R. N. Janeway, Detroit, assignors to Railroad Rolling Stock Patents Corporation, Highland Park, Mich. Torsionally neutralized railway truck. 2,371,796; Mar. 20.

Breese, James L., and B. Hayter, Santa Fe, N. Mex., and Milton D. Huston, Chicago, Ill., assignors to Oil Devices, Sante Fe, N. Mex. Double burner structure. 2,366,706; Jan. 9.

Breese, James L., and B. Hayter, assignors to Oil Devices, Santa Fe, N. Mex. Pot type burner with corrugated pilot ring. 2,381,864; Aug. 14.

Breese, Robert P., New York, assignor to General Bronze Corporation, Long Island City, N. Y. Utility furniture piece. 2,384,234; Sept. 4.

Breeze Corporations, Inc.: *See*—
Cicchetti, E. G., and Lewis, assignors.
Haas, Sidney V., Jr., assignor.
Haas, S. V., Jr., and Strunk, assignors.
Kuhn, Russell C., assignor.
Picciano, Michael A., assignor.
Tierney, Samuel, Jr., assignor.
Wright, Frank, assignor.

Bregin, John D., assignor to Foot Bros., Gear and Machine Corporation, Chicago, Ill. Spline arbor. 2,372,931; Apr. 3.

Brehmer, F. W., Machine & Tool Co.: *See*—
Albrecht, M. L., and Birn, assignors.

Breisch, Edgar W., Edgewood, and P. N. Bossart, Cheswick, assignors to The Union Switch & Signal Company, Swissvale, Pa. Locking means for apparatus assemblies. 2,370,003; Feb. 20.

Breitenbach, Robert H., and L. E. Willett, assignors to Chamberlin Metal Weather Strip Company, Detroit, Mich. Sash-holding device. 2,372,634; Mar. 27.

Breitenstein, Victor W., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Magnetic instrument. 2,384,529; Sept. 11.

Breivik, Orville N.: *See*—
Braun, Geza, and Breivik.

Brekelbaum, Erwin C.: *See*—
Oestreicher, S., and Brekelbaum.

Bremacc Corporation: *See*—
Carlson, Artie C., assignor.

Bremer, Harry E., Milwaukee, Wis. Centrifugal casting. 2,383,442; Aug. 28.

Bremer, Norman C.: *See*—
Cherry, R. E., and Bremer.

Bremner, John G. M., P. W. Reynolds, and A. W. C. Taylor, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Treatment of hydrocarbons. 2,382,394; Aug. 14.

Bremner, John G. M., R. H. Stanley, D. G. Jones, and A. W. C. Taylor, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of di-carboxylic acids. 2,389,950; Nov. 27.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Cooling system for fuel injection nozzles. 2,371,804; Aug. 7.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection pump. 2,382,000; Aug. 14.

Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection apparatus. 2,384,011; Sept. 4.

Bremser, Albert T., Sidney, assignor to Bendix Aviation Corporation, New York, N. Y. Fuel injection apparatus. 2,384,012; Sept. 4.

Brenan, Joseph B.: *See*—
Moynihan, John J., assignor.

Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Apparatus for applying plastic coatings. 2,368,742; Feb. 6.

Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Apparatus for applying plastic coatings. 2,380,499; July 31.

Brendel, Max E., assignor to Streeter-Amet Company, Chicago, Ill. Weighing apparatus. 2,366,432; Jan. 2.

Breneman, Chas. W., Company, The: *See*—
Schueller, Frank R., assignor.

Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Ventilating system for motion picture projectors. 2,378,682; June 19.

Brenkert Light Projection Company: *See*—
Brenkert, Karl, assignor.

Brennan, Frank C. and J. S., St. Louis, Mo., and L. J. Reysa, Cedar Rapids, Iowa, assignors to J. S. Costello & Son Brush Co., St. Louis, Mo. Mop swab for use on smooth surfaced floorings and the like. 2,374,170; Apr. 10.

Brennan, John S.: *See*—
Brennan, Frank C. and J. S., and Reysa.

Brennan, John S., assignor to J. S. Costello & Son Brush Co., St. Louis, Mo. Making mop frames for swab structures for use on smooth surfaced floorings and the like. 2,370,838; Mar. 6.

Brennan, Joseph B., Euclid, Ohio. Method of and apparatus for making metal wire, rod, strip, and the like. 2,371,604; Mar. 20.

Brennan, Joseph B., Euclid, Ohio. Electrostatic condenser. 2,373,098; Apr. 10.

Brennan, Joseph B., Euclid, Ohio. Electrode and making same. 2,375,211; May 8.

Brennan, Patrick J., deceased, Bay City, Mich.; E. Gallagher, administratrix. Bookstand. 2,374,409; Apr. 24.

Brenner, Herman A.: *See*—
Barnes, E. L., and Brenner.

Brenner, Nat: *See*—
Wright, Jack H., assignor.

Brenner, Ralph F., Lancaster, Ohio, assignor to Dominion Minerals, Incorporated, Washington, D. C. Treating the rock, aplite. 2,368,194; Jan. 30.

Brenner, Ralph F., Lancaster, Ohio, assignor to Dominion Minerals, Incorporated, Washington, D. C. Treating the rock, aplite. 2,387,561; Oct. 23.

Brenner, Samuel L.: *See*—
De Verter, Walton, assignor.

Brenner, Simon, Wooster, Ohio. Man's undergarment. 2,369,773; Feb. 20.

Brennom, Elmo F.: *See*—
Eenigenburg, Robley E., assignor.

Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Welding device. 2,391,292; Dec. 18.

Breon, George A., & Company, Incorporated: *See*—
Hoehn, Willard M., assignor.

Bresch, Albert L., University City, Mo. Hospital bed. 2,375,192; May 8.

Breslee Mfg. Company: *See*—
Hornstein, Morton, assignor.

Breslove, Abel H., assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Tool for applying tube sealing devices. 2,385,055; Sept. 18.

Breth, Ferdinand W., and A. Kinsel, Petrolia, Pa., assignors to L. Sonneborn Sons, Inc., New York, N. Y. Refining petroleum oils. 2,390,917; Dec. 11.

Breuer Electric Mfg. Co.: *See*—
Jason, John P., assignor.

Breuer, Frederick W., Haverford, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,366,311; Jan. 2.

Breuer, Frederick W., Haverford, Pa., assignor to The United Gas Improvement Company. Refining butadiene contaminated with monovinylacetylene. 2,391,004; Dec. 18.

Breuer, Karl, Toronto, Ontario, Canada. Metal roll forming machine. 2,374,802; May 1.

Breuker, John C., Jr., U. S. Army, Phoenixville, Pa. Eyeglasses. 2,374,171; Apr. 24.

Brewer, Clarence T., Chicago, Ill., assignor to Dixie Cup Company. Machine for producing containers and parts thereof. 2,385,604; Sept. 25.

Brewer, Everett R.: *See*—
Williams, Absalom D., assignor.

Brewer, John A., assignor of one-half to H. W. Armstrong, Kalamazoo, Mich. Amusement device. 2,368,088; Jan. 30.

Brewer, Nathaniel: *See*—
Stock, A. J., and Brewer.

Brewer, Nathaniel, Hatfield, assignor to Fisher & Porter Company, Hatboro, Pa. Rotameter. 2,370,634; Mar. 6.

Brewer, Nathaniel, Hatfield, assignor to Fischer & Porter Company, Hatboro, Pa. Flowmeter. 2,377,861; June 12.

Brewer, Nathaniel, Hatfield, assignor to Fischer & Porter Company, Hatboro, Pa. Flow responsive switch. 2,388,671; Nov. 13.

Brewer, Nathaniel, Hatfield, assignor to Fischer & Porter Company, Hatboro, Pa. Flow measuring device. 2,388,672; Nov. 13.

Brewer, Nicholas L., Utica, assignor to Savage Arms Corporation, New York, N. Y. Mechanism for control of breech bolt return and release of hammer for semiautomatic firearms. Re. 22,585; Jan. 2.

Brewster, Charles E., Seattle, Wash., assignor to Boeing Aircraft Company. Fastening device. 2,373,083; Apr. 3.

Brewster Company, Inc., The: *See*—
Garrett, Ernest D., assignor.

Breyer, Frank G., Wilton, Conn., assignor to Dominion Magnesium Limited, Toronto, Ontario, Canada. Production of metals in multiple retort distilling furnace. 2,386,429; Oct. 9.

Brian, William S.: *See*—
Wittlinger, L. M., and Brian.

Brian, William S., Owensboro, Ky., assignor to General Motors Corporation, Detroit, Mich. Autocollimating device. 2,385,495; Sept. 25.
Brick, Frank R., Elizabeth, N. J. Synchronizing system. 2,372,762; Apr. 3.
Brick, Frank R., Elizabeth, N. J. Developing apparatus. 2,385,681; Sept. 25.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Airplane tow target. 2,376,754; May 22.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Airplane tow target release device. 2,382,854; Aug. 14.
Brickman, Alan E., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Broomed stranded wire structure and method and apparatus for making the same. 2,389,951; Nov. 27.
Brickner-Kropf Machine Company, et al.: *See*—
Bunker, V. W., De Young, and Kropf, assignors.
Bridgeport Brass Company: *See*—
Brown, Gregory, assignor.
Bridges, John H., Paterson, N. J., assignor to Boucher Inventions, Ltd. Luminescent tube system. 2,370,635; Mar. 6.
Bridwell, John W., and J. E. Jass, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Control mechanism. 2,366,433; Jan. 2.
Bried, Edward A. Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Polymerizing rosin. 2,375,618; May 8.
Bried, Edward A., Newport, assignor to Hercules Powder Company, Wilmington, Del. Rosin condensation products and producing. 2,383,289; Aug. 21.
Brierley, Walter, Gloucester, England, assignor to Rotol Limited. Airscrew. 2,389,760; Nov. 27.
Brierly, Ralph C.: *See*—
Bonvillian, C. A., Brierly, and Letvin.
Brigden, Hobart A., Milwaukee, Wis. Fertilizer cartridge. 2,380,721; July 31.
Briggs Clarifier Company: *See*—
Briggs, Southwick W., assignor.
Briggs, S. W., and (Bauer, assignor).
Briggs, S. W., (Bauer, and Ewbank, assignors).
Briggs, Janet Z., assignor to Crucible Steel Company of America, New York, N. Y. Shallow hardening steel and article thereof. 2,369,656; Feb. 20.
Briggs, Leland G., Madison, Wis., assignor to Ray-O-Vac Company. Dry-cell dispensing device. 2,385,400; Sept. 25.
Briggs Manufacturing Company: *See*—
Bonbright, H., and Gernandt, assignors.
Ehrling, Gunnar E., assignor.
Gernandt, Waldo G., assignor.
Frank, Clarence E., assignor.
Juul, Soren N., assignor.
Koppinger, Nicholas G., asignor.
Kuschel, C. H., and Brill, assignors.
Platz, Henry T., assignor.
Simon, Reuben, assignor.
Tjaarda, J., and Knibbe, assignors.
Walden, Alfred E., assignor.
Wyatt, Raymond A., assignor.
Briggs, Maynard R., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum tube oscillator. 2,367,924; Jan. 23.
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,380,384; July 31.
Briggs, Southwick W., assignor to Briggs Clarifier Company, Washington, D. C. Filter unit. 2,375,765; May 15.
Briggs, Southwick W., assignor to Briggs Clarefier Company, Washington, D. C. Adsorbent, making and using same. 2,387,714; Oct. 30.
Briggs, Southwick W., Washington, D. C., W. C. Bauer, Chevy Chase, and W. J. Ewbank, Kensington, Md.; said Bauer and said Ewbank assignors to Briggs Clarifier Company, Washington, D. C. Clarifying device. 2,374,976; May 1.
Briggs, Southwick W., Washington, D. C., and W. C. Bauer, Chevy Chase, Md.; said Bauer assigner to Briggs Clarifier Company, Washington, D. C. Clarifying apparatus. 2,390,494; Dec. 11.
Briggs & Stratton Corporation: *See*—
Armstrong, Werner E., assignor.
Fitz Gerald, John W., assignor.
Jacobi, Edward N., assignor.
Thompson, Glenn S., assignor.
Briggs, Thomas H. and W. H., assignors to Burman & Sons Limited, Birmingham, England. Vehicle steering mechanism. 2,388,038; Oct. 30.
Briggs, Walter H.: *See*—
Briggs, Thomas H. and W. H.
Bright, Claude H., Memphis, Tenn. Paper strip lighter. 2,376,116; May 15.
Bright, Elizabeth R., and S. Bright, Jr., Philadelphia, Pa. Doorstop. 2,376,117; May 15.
Bright, Oscar L., Indianapolis, Ind., assignor to United States Rubber Company, New York, N. Y. Cutting device. 2,387,876; Oct .30.
Bright, Stanley, Jr.: *See*—
Bright, E. R., and Bright.
Brighton, Cyril A.: *See*—
Staudinger, H. P., Tuerck, and Brighton.
Brightwell, Robert R.: *See*—
Stephano, C. S., and Brightwell.
Brilhart, Arnold, Great Neck, N. Y., assignor to Arnold Brilhart Ltd. Double reed. 2,374,579; Apr. 24.
Brilhart, Arnold, Great Neck, N. Y., assignor to Arnold Brilhart Ltd. Reed for musical instruments. 2,388,822; Nov. 13.
Brilhart, Arnold Ltd.: *See*—
Brilhart, Arnold, assignor.
Brill, Herbert C.: *See*—
Kuschel, C. H., and Brill.
Brill, Ruby L., and S. Lipton, New York, N. Y. Hat adjusting means. 2,377,320; June 5.
Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine crankcase construction. 2,371,797; Mar. 20.
Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine cylinder construction. 2,390,637; Dec. 11.
Brillo Manufacturing Company, Inc.: *See*—
Field, Crosby, assignor.
Brimble, George D., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake. 2,368,517; Jan. 30.
Brimhall, Kirk L., San Gabriel, Calif., assignor to Len O. Bird. Tractor hitch control. 2,386,192; Oct. 9.
Brinen, Howard F.: *See*—
Young, F. M., Shaw, and Brinen.
Briner, Emil A., East Orange, N. J., assignor to Aero Engineering Corporation. Variable pitch propeller 2,386,587; Oct. 9.
Briner, Frank, Chester, Pa., assignor to The Beardsley & Piper Company, Chicago, Ill. Portable hopper. 2,381,103; Aug. 7.
Brink, Edwin H., Drexel Hill, Pa., assignor to General Electric Company. Electric apparatus. 2,382,199; Aug. 14.
Brink, Edwin H., Drexel Hill, Pa., and N. F. Arone, Trenton, N. J., assignors to General Electric Company, New York, N. Y. Inorganic molding compositions and products produced therefrom. 2,366,485; Jan. 2.
Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pneumatic tire and rim assembly. 2,367,820; Jan. 23.
Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Divided rim. 2,367,823; Jan. 23.
Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire bead lock. 2,367,828; Jan. 23.
Brinkman, Herbert C.: *See*—
Liese, H. H., and Brinkman.
Brinkmann, Edgar, Houston, Tex. Apparatus and method for handling volatile liquids. 2,379,215; June 26.
Brinkmann, Guenther, assignor to Ex-Cell-O Corporation, Detroit, Mich. Thread grinding machine. 2,389,590; Nov. 27.
Brintnall, Archibald C., Denver, Colo. Wrench. 2,366,312; Jan. 2.
Brintnall, Harry W., San Francisco, Calif. Sheet control delivery mechanism for lithograph, varnishing machines and the like. 2,381,719; Aug. 7.
Brinton, Howard G., Pittsfield, Mass., assignor to General Electric Company. Amplifier circuits. 2,390,773; Dec. 11.
Briod, André E.: *See*—
Buxton, L. O., and Briod.
Briskin, Jack, et al.: *See*—
Sperry, Philmore F., assignor.
Sperry, P. F., and Briskin, P. F. and J.
Briskin, Jack, and W. Prosk, assignors to Excel Auto Radiator Company, Chicago, Ill. Fan arrangement for heat exchange devices. 2,368,518; Jan. 30.
Briskin, Philip F: *See*—
Sperry, P. F. and Briskin, P. F. and J.
Briskin, Philip F., et al.: *See*—
Sperry, Philmore F., assignor.
Briskin, Theodore H., et al.: *See*—
Sperry, Philmore F., assignor.
Sperry, P. F., and Briskin, P. F. and J.
Briskin, Theodore S., and J. Golick, assignors to Revere Camera Company, Chicago, Ill. Motion picture camera. 2,377,750; June 5.
Briskman, Samuel: *See*—
Weidauer, C., and Doehm, assignors.
Bristo, Abb B., Kansas City, Mo. Knife. 2,376,226; May 15.
Bristol Aeroplane Company Limited, The: *See*—
Bolas, John T., assignor.
Fedden, A. H. R., Owner, Thomas, and Mansell, assignors.
Thomas, F. M., and Price, assignors.
Bristol Company, The: *See*—
Anderson, Martin E., assignor.
Beecher, John W., assignor.
Borden, Perry A., assignor.
Hart, Eugene H., assignor.
Helming, Fred W., assignor.
Hicks, James R., assignor.
MacLaren, Fred B., Jr., assignor.
Pattee, John R., assignor.
Wetherbee, Charles F., assignor.

Bristol, Edward S., assignor to Leeds and Northrup Company, Philadelphia, Pa. Electrical control system. 2,371,732; Mar. 20.
Bristol, John E.: *See*—
Hansley, V. L., and Bristol.
Bristol, Robert A.: *See*—
Vaisey, Samuel B., assignor.
Bristow, Paul W.: *See*—
Lawson, R. H., and Bristow.
Britcher, Charles W., Glen Ridge, N. J., assignor to Craig Corporation. New York, N. Y. Dry spray equipment. 2,375,766; May 15.
Britcliffe John G., Lakewood, R. I., assignor to Screw Machine Products Company, Inc. Clamping device. 2,377,479; June 5.
British Celanese Limited: *See*—
Argyle, Christopher S., assignor.
Cantrell, H., Jackson, and Howarth, assignors.
Drewitt, James G. N., assignor.
Dreyfus, H., and (Drewitt, assignor).
Finlayson, D., and Crawshaw, assignors.
Moncrieff, R. W., and Bates, assignors.
Moss, William H., assignor.
Rooney, J. H., Locke, and Hawtin, assignors.
Stanley, E., Argyle, and Olpin, assignors.
Stimson, Edward E., assignor.
Taylor, William I., assignor.
Wesson, Alexander J., assignor.
British Insulated Cables Limited: *See*—
Jones, Alan E., assignor.
Quayle, Joshua C., assignor.
Quayle, J. C., and Handley, assignors.
Walton, G. H., Quayle, and Jones, assignors.
British Oxygen Company Limited, The: *See*—
Edmondson, W., and Jones, assignors.
British Power Boat Company, Limited, The: *See*—
Parfitt, Frank P., assignor.
British Power Boat Company Limited, The, et al.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson, assignors.
British Ropes Limited: *See*—
Hitchen, Herbert, assignor.
British Rubber Producers' Research Association, The: *See*—
Farmer, Ernest H., assignor.
Gee, G., and Stokes, assignors.
Hilton, Frederick, assignor.
Popham, Frederick J. W., assignor.
Roberts, Kenneth C., assignor.
British Timken Limited: *See*—
Emmerton, John T., assignor.
Britt, Max, Winfield, assignor to Industrial Patents Corporation, Chicago, Ill. Processing bacon. 2,388,823; Nov. 13.
Brittain, Eric H.: *See*—
Staudinger, H. P., Tuerck, and Brittain.
Brittain, Eric H., Epsom Downs, W. P. Joshua and J. M. Whitmarsh, Epsom, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Recovery of glycerol. 2,377,306; June 5.
Britten, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,379,877; July 10.
Brittingham, James C., St. Louis, Mo. Baffle mounting for air circulator units. 2,385,773; Oct. 2.
Britton, Edgar C., assignor to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,886; Sept. 18.
Britton, Edgar C., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Sulphonium salts. 2,366,176; Jan. 2.
Britton, Edgar C., G. H. Coleman, and W. D. Schroeder, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal compositions. 2,368,195; Jan. 30.
Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Modified polymerization of vinyl aromatic compounds. 2,371,499; Mar. 13.
Britton, Edgar C., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Polyfunctional ethers and making same. 2,371,500; Mar. 13.
Britton, Edgar C., and E. Monroe, assignors to The Dow Chemical Company, Midland, Mich. Production of malonic acid. 2,373,011; Apr. 3.
Britton, Edgar C., C. L. Moyle and F. Bryner, assignors to The Dow Chemical Company, Midland, Mich. Making fluorenones. 2,377,751; June 5.
Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,880; Sept. 18.
Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,881; Sept. 18.
Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,882; Sept. 18.
Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,883; Sept. 18.
Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,884; Sept. 18.
Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,885; Sept. 18.
Britton, Edgar C., and H. W. Moll, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,385,256; Sept. 18.
Britton, Edgar C., and K. G. Harding, assignors to The Dow Chemical Company, Midland, Mich. Preparation of 2-amino-thiazole. 2,387,212; Oct. 16.
Britton, Edgar C., H. S. Nutting, and M. E. Huscher, assignors to The Dow Chemical Company, Midland, Mich. Preparation of alkenyl cyanides. 2,389,607; Nov. 27.
Britton, Glynn A., Washington, D. C. Knockdown container. 2,382,874; Aug. 14.
Britton, Joseph W., and R. C. Dosser, assignors to The Dow Chemical Company, Midland, Mich. Polymerization method. 2,377,752; June 5.
Britton, Joseph W., and R. C. Dosser, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of 2,4-dinitro-6-cyclo-hexyl-phenol. 2,384,365; Sept. 4.
Brixner, Frederick W.: *See*—
Hailes, W. D., and Brixner.
Broadwell, William C., Warren, Mass. Nonmetallic loose leaf binder and the like. 2,374,803; May 1.
Broberg, Fred E., Racine, Wis. Sharpening device. 2,387,877; Oct. 30.
Broberg, Walter O. W.: *See*—
Vigren, S. D. Broberg, and Olsson.
Brocco, John L., and M. V. Iarussi, Bedford, Ohio. Woodworking machine tool. 2,382,971; Aug. 21.
Brock, John B., Charleston, S. C. Vending machine. 2,369,882; Feb. 20.
Brock, William H. J., assignor of one-half to Automotive Products Company Limited, Leamington Spa, England. Locating and securing device. 2,374,270; Apr. 24.
Brockett, Glenn F., assignor to Fisher Governor Company, Marshaltown, Iowa. Float actuated mechanism. 2,376,473; May 22.
Brockman, Joseph W., Sr., Leavenworth, Kans. Combination comb and cleaner. 2,369,712; Feb. 20.
Brockman, Morton S., Cleveland, Ohio. Automatic panoramic device for cameras. 2,372,932; Apr. 3.
Broderick & Bascom Rope Company: *See*—
Larkin, David, assignor.
Brodersen, Max M., Alhambra, Calif., assignor to The Slusser McLean Scraper Company, Sidney, Ohio. Hauling scraper. 2,368,196; Jan. 30.
Brodie, John L. P.: *See*—
Halford, F. B., Brodie, and Miller.
Brodie, Ralph N., Company: *See*—
Berck, William E., assignor.
Broding, Robert A., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for recording seismic waves. 2,372,056; Mar. 20.
Brodsky, Charles, Brooklyn, N. Y. Poultry watering drip fountain. 2,366,766; Jan. 9.
Brody, Benjamin, Chicago, Ill. Upholstered furniture and constructing same. 2,370,711; Mar. 6.
Brody, Samuel C.: *See*—
Whitmore, Henry G., assignor.
Brodzik, Walter F., and V. Muranyi, Buffalo, N. Y.; said Muranyi assignor to said Brodzik. Putting green. 2,384,723; Sept. 11.
Broekhuysen, William C.: *See*—
Clausen, S., and Broekhuysen.
Broetzmann, Clarence F.: *See*—
Stearns, R. H., and Broetzmann.
Brogan, Theresa: *See*—
Slain, John M., assignor.
Brogdex Company: *See*—
Cothran, Charles De W., assignor.
Harlow, Orman M., assignor.
Brogren, Axel V.: *See*—
Parsons, J. T., and Brogren.
Brokaw, Charles A., Houston, Tex. Cementing wells. 2,387,493; Oct. 23.
Brokaw, Norman E., Sr.: *See*—
Rohl, Robert R., assignor.
Brolinson, Bengt G., New York, N. Y. Electrolytic protection of metal surfaces. 2,370,288; Feb. 27.
Bromberg, Alfred W., Gary, Ind. Scaling stainless steel. 2,389,838; Nov. 27.
Bromley, Mellor, & Co., Limited: *See*—
Bromley, T. C., and Shortland, assignors.
Bromley, Thomas C., and A. Shortland, Leicester, England, assignors to Mellor Bromley & Co. Limited. Controlling yarns in knitting machines. 2,366,381; Jan. 2.
Bromley, Thomas C. and A. Shortland, Leicester, England, assignors to Mellor Bromley & Co. Limited. Circular knitting machine. 2,381,641; Aug. 7.
Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley and Co. Limited, Leicester, England. Straight bar knitting machine. 2,384,154; Sept. 4.
Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley & Co. Limited, Leicester, England. Circular knitting machine. 2,385,056; Sept. 18.
Bronander, Wilhelm B., Montclair, N. J. Cooling fin. 2,371,144; Mar. 13.
Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,373,655; Apr. 17.

Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,374,172; Apr. 24.
Bronander, Wilhelm B., Montclair, N. J. Stud driving and testing mechanism. 2,379,878; July 10.
Bronander, Wilhelm B., Montclair, N. J. Forming and applying cooling fins to tubular members. 2,379,879; July 10.
Bronander, Wilhelm B., Montclair, N. J. Heat deflecting means for internal-combustion engines. 2,387,052; Oct. 16.
Brongersma, Cornelius, Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Motor control. 2,388,382; Nov. 6.
Bronson, Deming, Cleveland, Ohio, assignor to General Paint Corporation, San Francisco, Calif. Pipe wrapping and method and apparatus for applying same. 2,377,608; June 5.
Bronson, George A., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Bomb displacing gear. 2,386,839; Oct. 16.
Bronson Reel Company: *See*—
McMahon, Richard P., assignor.
Brooke Engineering Company, Inc.: *See*—
Brooke, G. A., Jr., and Chambers, assignors.
Brooke, Ernest A., Stockport, England. Safety razor 2,372,635; Mar. 27.
Brooke, George A., Jr., Philadelphia, and C. C. Chambers, Lansdowne, assignors to Brooke Engineering Company, Inc., Philadelphia, Pa. Control system. 2,371,590; Mar. 31.
Brooke, Lloyd A., Washington, D. C. Fountain pen. 2,379,421; July 3.
Brooker, Leslie G. S., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Thioketones. 2,369,646; Feb. 20.
Brooker, Leslie G. S., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing thioketones. 2,369,647; Feb. 20.
Brooker, Leslie G. S., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Thioketones and preparing them. 2,369,657; Feb. 20.
Brookhirst Switchgear Limited: *See*—
Knowles, J. O., Humphreys, and Davies, assignors.
Brooking, Edgar C., Toccoa, Ga., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Carriage control for lathes. 2,368,408; Jan. 30.
Brooks, E. J., Company: *See*—
Mitchko, Michael, assignor.
Brooks Equipment and Mfg. Co.: *See*—
Hay, John J., assignor.
Brooks, Herbert W., West Haven, assignor to Sargent & Company, New Haven, Conn. Door check and closer. 2,373,075; Apr. 3.
Brooks, Herbert W., West Haven, assignor to Sargent & Company, New Haven, Conn. Cylinder lock. 2,378,976; June 26.
Brooks, Oakley, Columbus, Ohio. Lawn mower sharpener. 2,378,179; June 12.
Brooks, Percy E., Woodridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool. 2,386,290; Oct. 9.
Brooks, Percy E., Woodridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Die. 2,388,115; Oct. 30.
Brooks, Phillips, Brooklyn, N. Y. Dental instrument. 2,366,767; Jan. 9.
Brooks, Richard E., Wilmington, M. D. Peterson, Edgemoor Terrace, and A. G. Weber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefinic materials. 2,388,225; Oct. 30.
Brooks, Robert E., Maywood, Ill., assignor to Western Electric Company, Incorporqated, New York, N. Y. Making piezoelectric crystals. 2,366,954; Jan. 9.
Brooks, Robert E., Maywood Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Piezoelectric crystal. 2,388,596; Nov. 6.
Brooks, Walter: *See*—
Seymour, G. W., and Brooks.
Brooksby, Ernest and F. E. Deans, assignors to The Bentley Engineering Company Limited, Leicester, England. Knitting machine. 2,380,822; July 31.
Brooksieker, Herman H., Cleveland Heights, and P. I. Thyreen, Euclid, assignors to The Marquette Metal Products Company, Cleveland, Ohio. Textile mill spindle. 2,388,900; Nov. 13.
Broome, John C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Hand truck. 2,367,752; Jan. 23.
Broome, John C., Dunedin, and H. D. Carlton, Highlands City, Fla., assignors to Food Machinery Corporation, San Jose, Calif. Fruit bagger and weigher. 2,373,649; Apr. 17.
Broome, John C., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Bag holder. 2,383,366; Aug. 21.
Broos, Henricus A., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Low frequency amplifier. 2,373,534; Apr. 10.
Brose, Horace B., Chicago, Ill. Automatic slide projector. 2,370,004; Feb. 20.
Brosites Machine Company, Inc.: *See*—
Hutchings, Joseph L., assignor.
Brostrom, Charles G., Salem, and W. E. Naugler, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Rounding machine. 2,384,530; Sept. 11.
Brostrom, Ernest O., assignor to E. S. Guignon, Jr., Kansas City, Mo. Interlocking building unit. 2,377,398; June 5.
Brother, George H., Berkeley, Calif., and Allan K. Smith, Peoria, Ill. Aqueous dispersions of hardened or tanned protein salts. 2,380,020; July 10.
Brothers, Norman W., Providence, R. I. Tourniquet. 2,387,428; Oct. 23.
Brotman, Hyman D., Detroit, Mich. Variable-speed laundry machine. 2,369,334; Feb. 13.
Brotz, Roman C., Sheboygan, Wis. Apparatus for preparing or conditioning molding materials just prior to their molding. 2,376,655; May 22.
Broudy, Albert M., Pittsburgh, Pa., assignor of one-half to R. Horne, Detroit, Mich. Handbag. 2,369,943; Feb. 20.
Broudy, Albert M., Pittsburgh, Pa. Envelope. 2,391,673; Dec. 25.
Brougham, Frank O.: *See*—
Stone, R. K., and Brougham.
Brougher, John R., Calvert, Tex. Attachment for paper-cutting machines. 2,382,129; Aug. 14.
Brouillard, Robert E.: *See*—
Lacey, H. T., and Brouillard.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Fluid pressure brake. 2,371,798; Mar. 20.
Browder, Jay E., Garden City, N. Y., and F. L. Moseley, Osborn, Ohio, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Radio direction finder. 2,369,132; Feb. 13.
Brown, Alfred G., Los Angeles, assignor of one-half to L. T. Sepin, Los Angeles County, Calif. Rotary motor. 2,386,539; Oct. 9.
Brown, Andrew L., Brooklyn, N. Y., assignor to Radio Corporation of America. Error detector for telegraph printers. 2,366,434; Jan. 2.
Brown, Andrew L., Brooklyn, N. Y., assignor to Radio Corporation of America. Supervisory signal system. 2,370,445; Feb. 27.
Brown, Anthony J., and J. B. Silva, Turlock, Calif. Scraper. 2,380,021; July 10.
Brown, Arthur J., Chicago, assignor to Whiting Corporation, Harvey, Ill. Hoisting mechanism. 2,378,749; June 19.
Brown, Arthur S., U. S. Army, Aberdeen Proving Gorund, Md. Releasing device. 2,376,336; May 22.
Brown, Arthur S., assignor of one-third to L. Shiatte and one-third to G. E. Sedgley, Tilton, N. H. Endless transmission belt. 2,377,609; June 5.
Brown, Arthur S., and G. E. Sedgley, Tilton, N. H. Making transmission belts. 2,391,674; Dec. 25.
Brown & Bailey Company: *See*—
Scherer, John H., assignor.
Brown, Ben M.: *See*—
McCormick, G., and Brown.
Brown & Bigelow: *See*—
Brown, Steffen A., assignor.
Trollen, Martin E., assignor.
Brown-Brockmeyer Company, The: *See*—
Brown, Steffen S., assignor.
Brown, Carl A., Chardon, and C. E. Hahn, Euclid, Ohio, assignors to General Electric Company. Base for electric lamps and the like. 2,379,063; June 26.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom stopping means. 2,378,895; June 26.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,381,333; Aug. 7.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Stopping means for looms. 2,383,931; Sept. 4.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Shuttle. 2,385,756; Sept. 25.
Brown, Cecil F., Kansas City, Mo. Holder for toothbrush and dentifrice. 2,370,005; Feb. 20.
Brown, Cedric J., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Artificial resinous condensation products and their manufacture. 2,374,646; May 1.
Brown, Charles F., Greeneville, Tenn. Machine for grinding knife blades. 2,377,126; May 29.
Brown, Charles F., Sharon, assignor to New England Carbide Tool Company, Cambridge, Mass. Gauge mounting. 2,376,118; May 15.
Brown, Charles F., Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Rubberlike compositions. 2,381,720; Aug. 7.
Brown, Charles F., Nutley, and G. E. Hulse, Jr., Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Adhesive compositions. 2,371,870; Mar. 20.
Brown, Charles H., Breckenridge, Tex. Aerial bomb. 2,376,227; May 15.
Brown, Charles S., Kirkville, N. Y. Threadless conduit coupling. 2,369,942; Feb. 20.
Brown, Chester W., assignor to Line Material Company, Milwaukee, Wis. Fuse link. 2,382,602; Aug. 14.
Brown, Clyde A., assignor to The Dole Valve Company, Chicago, Ill. Flow control valve. 2,389,134; Nov. 20.

Brown, Clyde E., Grafton, assignor to Parker Manufacturing Company, Worcester, Mass. Pinking shears. 2,387,053; Oct. 16.

Brown, David H., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Hydraulic compensation system. 2,380,575; July 31.

Brown, Davis, Los Angeles, Calif., assignor to H. S. Simpson, Evanston, Ill. Mixer with pressure controlled mullers. 2,377,307; June 5.

Brown, Edward H., assignor to McInerney Spring & Wire Company, Grand Rapids, Mich. Tape processing machine. 2,371,799; Mar. 20.

Brown, Edward H., assignor to McInerney Spring & Wire Company, Grand Rapids, Mich. Line measuring and cutting machine. 2,386,928; Oct. 16.

Brown, Elgie A.: *See*—
Brown, Ruben A., assignor.

Brown, Elizabeth E., Oklahoma City, Okla. Manufacturing personal ornaments. 2,377,308; June 5.

Brown, Fred: *See*—
Tone, F. J., Mahlman, and Brown.

Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver. 2,374,580; Apr. 24.

Brown, George, Chicago, Ill. Fastener. 2,387,641; Oct. 23.

Brown, George B., Manville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Treating sheet materials. 2,375,276; May 8.

Brown, George D., West Los Angeles, Calif. Combination protective shield and accessories accommodation bib. 2,378,380; June 19.

Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Antenna system. 2,374,271; Apr. 24.

Brown, George H., Princeton, N. J., assignor to Radio Corporation of America. Method of and apparatus for heat treating dielectric materials. 2,388,824; Nov. 13.

Brown, George R., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making articles. 2,380,722; July 31.

Brown, Gilbert G., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Indexing device for home recorders. 2,378,510; June 19.

Brown, Gregory, assignor to Bridgeport Brass Company, Bridgeport, Conn. Vacuum breaker. Re. 22,645; May 29.

Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,135; Nov. 20.

Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,179; Nov. 20.

Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,180; Nov. 20.

Brown, Henry, Kansas City, Mo., assignor to The Udylite Corporation, Detroit, Mich. Electrodeposition of metals. 2,389,181; Nov. 20.

Brown, Henry C., Jr., Beaver Falls., and B. R. Abbott, Norristown, assignors to Armstrong Cork Company, Lancaster, Pa. Manufacture of insulating products. 2,367,093; Jan. 9.

Brown, Henry T., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Transferring molybdenum from spent catalyst to fresh solid catalytic material. 2,367,263; Jan. 16.

Brown, Henson H., Andover, Mass. Bandage making machine. 2,380,823; July 31.

Brown, Herbert H.: *See*—
Abe, P. A., Brown, and Crosby.

Brown, Howard D., Westfield, and A. E. Freeman, South Orange, N. J., assignors to American Telephone and Telegraph Company. Plow point. 2,375,073; May 1.

Brown, Hugh E., Cleveland Heights, and S. M. Grant, Bay Village, Ohio, assignors to The W. S. Tyler Company. Electrically vibrated feeder. 2,385,328; Sept 25.

Brown Instrument Company, The: *See*—
Allwein, Aloysius F., assignor.
Asset, G., Curran, and Wills, assignors.
Barnes, George W., Jr., assignor.
Burdick, Edwin C., assignor.
Cockley, Neel I., assignor.
Eckman, Donald P., assignor.
Frownfelter, Edgar L., assignor.
Gess, Louis, assignor.
Gess, L., and Burdick, assignors.
Harrison, Thomas R., assignor.
Hessey, Frederic E., assignor.
Jones, Harry S., assignor.
Krogh, A. E., and Vollrath, assignors.
Lehde, Henry, assignor.
McGillin, H. O., and Vollrath, assignors.
Moore, Coleman B., assignor.
Pearce, Walter H., assignor.
Shaffer, William L., assignor.
Sholl, Harold A., Jr., assignor.
Side, Frederick W., assignor.
Vollrath, Joseph P., assignor.
Wills, Walter P., assignor.

Brown, Jack E., Brooklyn, N. Y. Spectacle and eyeglass case. 2,367,182; Jan. 16.

Brown, James H., Seattle, Wash. Forming complementary concrete dies. 2,366,435; Jan. 2.

Brown, Jesse B., assignor to Bendix Aviation Corporation, South Bend, Ind. Control mechanism. 2,372,311; Mar. 27.

Brown, John C., Montclair, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Paper fastener. 2,371,800; Mar. 20.

Brown, John H., Houston, Tex., assignor of one-fourth to C. J. Angell, Monroe, La. Building structure. 2,390,418; Dec. 4.

Brown, John J., Newton Falls, assignor to Denman Tire and Rubber Company, Warren, Ohio. Box picker and the manufacture of the same. 2,389,952; Nov. 27.

Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay operation. 2,368,197; Jan. 30.

Brown, Kenneth L., Long Beach, Calif. Trash and garbage receptacle. 2,386,929; Oct. 16.

Brown, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Removing copper compounds from copper-sweetened hydrocarbon oil. 2,390,868; Dec. 11.

Brown, Kenneth R., Kennett Square, Pa., assignor to Atlas Powder Company, Wilmington, Del. Absorption bases. 2,372,807; Apr. 3.

Brown, Kenneth R., Kennett Square, Pa., assignor to Atlas Powder Company, Wilmington, Del. Compositions for parasiticidal use. 2,374,918; May 1.

Brown, Leo C., assignor to Industrial Patents Corporation, Chicago, Ill. Stabilization of fatty material. 2,377,610; June 5.

Brown, Leo H., Glenville, Conn. Muzzle mounted bore sight. 2,383,466; Aug. 28.

Brown, Leo H., Glenville, Conn. Fire control means. 2,385,343; Sept. 25.

Brown, Leo H., Glenville, Conn. Dual power optical system. 2,388,673; Nov. 13.

Brown, Leo H., New York, N. Y. Stereoscope. 2,391,675; Dec. 25.

Brown, Leonard C.: *See*—
Brown, W. T., W. L., and L. C.

Brown, Le Roy O.: *See*—
Packer, C. S., and Brown.

Brown, Le Roy O., assignor to Justrite Manufacturing Company, Chicago, Ill. Color illuminator for flashlights. 2,389,591; Nov. 27.

Brown, Levi S., Claverack, assignor to Lone Star Cement Corporation, New York, N. Y. Slow setting cement. 2,374,581; Apr. 24.

Brown, Lloyd W.: *See*—
Loewer, H. F., and Brown.

Brown, Louis B., Duquesne, Pa. Toolholder. 2,373,535; Apr. 10.

Brown, Marion G., Tacoma, Wash. Hand truck and brake therefor. 2,381,642; Aug. 7.

Brown, Morris, La Grange, and R. E. Harr, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Enamel coated article. 2,377,321; June 5.

Brown, Morris C., Brentwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Nonicing carburetor. 2,376,228; May 15.

Brown, Morris E.: *See*—
Gibbs, T. B., and Brown.

Brown, Myron J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power line synchronizing and control system. 2,367,925; Jan. 23.

Brown, Myron J., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Impulse metering system. 2,384,792; Sept. 18.

Brown, Ogden & Company, Limited: *See*—
Brown, Thomas A., assignor.

Brown, Percy M., Tenafly, N. J. Spraying device. 2,383,235; Aug. 21.

Brown, Percy M., East Orange, assignor, by mesne assignments, to Designs, Incorporated, Hoboken, N. J. Frame for eyeglasses. 2,389,023; Nov. 13.

Brown, Ralph W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Extraction of alumina from ores. 2,375,342; May 8.

Brown, Ralph Waldo, East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Recovery of alumina. 2,375,343; May 8.

Brown, Robert, New York, N. Y. Polishing composition. 2,376,956. May 29.

Brown, Robert F.: *See*—
Potter, R. S., and Brown.

Brown, Robert F., assignor to Defender Photo Supply Co., Inc., Rochester, N. Y. Photographic structure. 2,373,289; Apr. 10.

Brown, Robert J., Lyons, Ill. Milling machine attachment. 2,373,944; Apr. 17.

Brown, Robert J., Los Angeles, Calif. Ball self-locking releasable coupling. 2,375,072; May 1.

Brown, Robert M., Kansas City, Kans., assignor to E. S. Guignon, Jr., Kansas City, Mo. Combination lock strip and structural member. 2,373,808; Apr. 17.

Brown, Rodney G., Freehold, and R. R. Roberts, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersing pigments. 2,379,678; July 3.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle suspension. 2,367,817; Jan. 23.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mold construction. 2,367,822; Jan. 23.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cable guide bushing. 2,367,836; Jan. 23.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Friction retarding mechanism for vehicle suspension. 2,381,378; Aug. 7.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Airplane propeller deicer shoe. 2,381,381; Aug. 7.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Aviation control guide. 2,381,391; Aug. 7.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Brake. 2,381,393; Aug. 7.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizing mold. 2,381,395; Aug. 7.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Torque tube support. 2,381,399; Aug. 7.
Brown, Ruben A., assignor to E. A. Brown, Massena, N. Y. Material handling cradle. 2,375,747; May 15.
Brown and Sharpe Manufacturing Company: *See*—
Bennett, A. F., Krause, and Jacobson, assignors.
Gigger, Walter A., assignor.
Rich, Charles A., assignor.
Brown, Steffen A., assignor to The Brown-Brockmeyer Co., Dayton, Ohio. Curved eye shield for grinders. 2,368,109; Jan. 30.
Brown, Steffen S., assignor to The Brown-Brockmeyer Company, Dayton, Ohio. Motor construction. 2,386,-930; Oct. 16.
Brown, Terrill O., assignor of ninety-five percent to Aircraft Mechanics, Inc., Colorado Springs, Colorado. Pitch control for helicopter blades. 2,378,381; June 19.
Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Tractor. 2,378,615; June 19.
Brown, Theophilus, and T. W. Paul, assignors to Deere & Company, Moline, Ill. Power lift for farm tractors 2,377,127; May 29.
Brown, Thomas A., assignor to Brown, Ogden & Company Limited, Bradford, England. Production of pile fabrics. 2,388,465; Nov. 6.
Brown, Thomas E., Shreveport, La. Heating unit. 2,389,839; Nov. 27.
Brown, Thomas E., and C. W. Davis, Antioch, Calif., assignors to The Dow Chemical Company, Midland, Mich. Perchlorination process. 2,377,669; June 5.
Brown, Walter J.: *See* –
Arndt, J. P., Jr., Brown, and Williams.
Brown, Walter J., and A. L. W. Williams, Cleveland Heights, assignors to The Brush Development Company, Cleveland, Ohio. Connection means. 2,368,198; Jan. 30.
Brown, Walter O., Detroit, Mich. Dispensing device. 2,383,367; Aug. 21.
Brown, Walter T., W. L., and L. C., assignors of one-fourth to J. M. Deason, Lumpkin, Ga. Peanut plant harvester. 2,390,419; Dec. 4.
Brown, Walton S.: *See*—
Ward, H. K., Skillings, and Brown.
Brown, William: *See*—
Campbell. J. S., Brown, and Douglas.
Brown, William, Wilkes-Barre, assignor to Shock Proof Lens Guard, Inc., Kingston, Pa. Adjustable and removable mounting guard for rimless eyeglasses. 2,369,527; Feb. 13.
Brown, William D., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Apparatus for determining hydrogen in steel. 2,387,878; Oct. 30.
Brown, William E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Generator regulating system. 2,375,193; May 8.
Brown, William F., Flushing, N. Y., assignor of thirty per cent to P. S. McLean, Bloomfield, N. J., and ten per cent to F. L. Davis, College Point, Long Island, N. Y. Fluid pressure machine. 2,370,934; Mar. 6.
Brown, William F., Flushing, N. Y. Apparatus for formation and packing of containers. 2,378,180; June 12.
Brown, William L.: *See*—
Brown, W. T., W. L., and L. C.
Brown, William T., Hamden, assignor to W. Davis, New Haven, Conn. Round work holding fixture. 2,373,379; Apr. 10.
Brownback, Henry L., Norristown, Pa. Speedboat and hull. 2,366,590; Jan. 2.
Browne, Donald B., Harpenden, and R. H. G. Painter, Dunstable, England, assignors to General Motors Corporation, Detroit, Mich. Cover for the dials of instruments and the like. 2,379,861; July 10.
Browne, Francis C., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of tubular products. 2,386,653; Oct. 9.
Browne, Harold H., Arlington, Va.; dedicated to the free use of the People in the territory of the United States. Leavening process. 2,367,994; Jan. 23.
Browne, John W., Waukesha, assignor to Diving Equipment and Salvage Co., Inc., Milwaukee, Wis. Diving suit. 2,388,674; Nov. 13.
Browne, Kenneth A.: *See*—
Cannon, W. D., and Browne.
Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Centrifugal compressor diffuser vanes. 2,372,880; Apr. 3.
Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Equalizing valve. 2,386,291; Oct. 9.
Browne, Rowland J., Hoddesdon, assignor to African Sisal & Produce Company Limited, London, England. Dehydrating organic solvents, petrols, oils, and the like. 2,378,281; June 12.
Browning, George L., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3. 2,366,313; Jan. 2.
Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated dienes. 2,376,337; May 22.
Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1, 3 hydrocarbons. 2,376,338; May 22.
Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1,3 hydrocarbons. 2,380,400; July 31.
Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene hydrocarbons. 2,380,401; July 31.
Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1,3 hydrocarbons. 2,380,402; July 31.
Browning, George L., Jr., and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerizations of butadiene-1,3 hydrocarbons. 2,376,339; May 22.
Browning, George L., Jr., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,385,190; Sept. 18.
Browning, George L., Jr., W. D. Stewart, and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,380,403; July 31.
Browning, George L., Jr., W. D. Stewart, and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,380,404; July 31.
Browning, George L., Jr., W. D. Stewart, and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of conjugated diene hydrocarbons. 2,380,405; July 31.
Browning, J. M. & M. S., Company: *See*—
Browning, Val A., assignor.
Browning, Leander, Greenwood, Ind. Pneumatic pruning shear. 2,391,676; Dec. 25.
Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Firing mechanism for repeating firearms. 2,385,057; Sept. 18.
Brownlee, George, Beckenham, and W. M. Duffin, Dartford, England, assignors to Burroughs Wellcome & Co. (U. S. A.) Incorporated, New York, N. Y. Synthesis of ketones. 2,376,415; May 22.
Brownlee, Robert N., assignor to Wood Conversion Company, Cloquet, Minn. Forming fiber felts. 2,389,024; Nov. 13.
Brownlee, Theodore: *See*—
MacCarthy, D. D., and Brownlee.
Brownlie, John, Freeport, and R. Gerstenzang, Brooklyn, N. Y., assignors to A. B. C. Steel Equipment Co. Inc., New York, N. Y. Portable parts cabinet. 2,387,741; Oct. 30.
Brownlow, David B., and J. Feulner, assignors to The Russell Manufacturing Company, Middletown, Conn. Machine for making corded tape. 2,383,767; Aug. 28.
Brownrigg, Alice P., et al.: *See*—
Hodgdon, John W. S., assignor.
Brownshield, Milton L., Dobbs Ferry, N. Y. Loop antenna unit. 2,381,334; Aug. 7.
Brownyer, Nelson R.: *See*—
Buckendale, L. R., Brownyer, and Keese.
Broyles, Grace A., Kenosha, Wis., assignor to C. A. Soans, River Forest, Ill. Hair removing electrode. 2,375,194; May 8.
Broyles, John E., Washington, D. C. Transmission mechanism for reciprocating engines. 2,375,748; May 15.
Broyles, Lawren E., and E. J. Pittenger, Chico, Calif. Casting device. 2,390,054; Dec. 4.
Brozan, Newton, et al.: *See*—
Wolfers, Philip, assignor.
Brozek, Lawrence, Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Securing means. 2,382,947; Aug. 14.
Brozek, Lawrence, Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Open retaining ring. 2,382,948; Aug. 14.

Brubach, Howard F., Wood Acres, and L. R. Crisp, Bethesda, Md. Apparatus for the administration of gaseous mixtures. 2,385,786; Oct. 2.
Brubacher, William G., Montreal, Quebec, Canada. Method and apparatus for making wallboard. 2,370,393; Feb. 27.
Brubaker, Carl H., Passaic, assignor to The Standard Bleachery and Printing Company, Carlton Hill, N. J. Vat dyeing process. 2,371,145; Mar. 13.
Brubaker, John T., Luray, Va. Meat grinding and condiment admixing machine. 2,377,069; May 29.
Brubaker, Merlin M., assignor to E. I. du Pont de Nemours Company, Wilmington, Del. Polyamides. 2,374,576; Apr. 24.
Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. New vinyl polymer and its production. 2,378,536; June 19.
Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester. 2,381,883; Aug. 14.
Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing ethylene polymers. 2,377,753; June 5.
Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials containing nitrogen-substituted polyamides. 2,378,977; June 26.
Brubaker, Merlin M., Boothwyn, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,381,889; Aug. 14.
Brubaker, Merlin M., Boothwyn, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic emulsion layers. 2,384,072; Sept. 4.
Brubaker, Merlin M., Lindemere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monomeric and polymeric esters of vinyl thiols and their manufacture. 2,378,535; June 19.
Brubaker, William H.: *See*—
Schellin, J. C., Housekeeper, and Brubaker.
Bruce, Alfred W., assignor to American Locomotive Company, New York, N. Y. Railway vehicle. 2,368,590; Jan. 30.
Bruce, Alfred W., assignor to American Locomotive Company, New York, N. Y. Snubber. 2,389,840; Nov. 27.
Bruce, James E.: *See*—
Peterson, J. A., and Bruce.
Bruce, John A., assignor to Bruce's Juices, Inc., Tampa, Fla. Fruit and vegetable tablets. 2,366,591; Jan. 2.
Bruce, Malcolm, assignor of one-half to R. W. Taylor, Plymouth, Mass. Radio antenna system. 2,387,116; Oct. 16.
Bruce, Robert, Dunellen, N. J., assignor to American Telephone and Telegraph Company. Accounting and statistical system. 2,366,998; Jan. 9.
Bruce's Juices, Inc.: *See*—
Bruce, John A., assignor.
Brucon Corporation: *See*—
Wallis, Marvin E., assignor.
Bruder, Peter W., Kew Gardens Hills, N. Y. Battery terminal clamp. 2,370,227; Feb. 27.
Bruderlin, Henry H., Hermosa Beach, Calif. Signal translating device. 2,388,116; Oct. 30.
Bruen, George C.: *See*—
Nightingale, William J., assignor.
Bruen, George C., assignor, by mesne assignments of thirty-five per cent to himself, thirty-five per cent to S. E. Bruen, Chicago, five per cent to E. V. Dickinson, Highland Park, nine per cent to S. M. Bullock, Wilmette, Ill., ten and one-half per cent to G. A. Stuart, Washington, D. C., two per cent to J. Fisher, Chicago, one per cent to M. Thoenen, Elmwood Park, one per cent to G. H. Fredericksen, Chicago, Ill., and one per cent to E. M. Thorsen, St. Joseph, Mo. Card filing equipment. 2,372,249; Mar. 27.
Bruen, Sophie E., et al.: *See*—
Bruen, George C., assignor.
Bruenner, Alexander, Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for handling filamentary material. 2,381,643; Aug. 7.
Bruenner, Alexander, and A. Lodge, Meadville, Pa., assignors to America Viscose Corporation, Wilmington, Del. Method and apparatus for crimping textile fibrous material. 2,368,637; Feb. 6.
Brueske, George A., Wayzata, Minn., assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Optical instrument. 2,378,282; June 12.
Brueske, George A., Wayzata, Minn., assignor to The Perkin-Elmer Corporation, Glenbrook, Conn. Range finder. 2,378,354; June 12.
Bruestle, Carl O., Rahway, N. J., assignor to Borg-Warner Corporation, Chicago, Ill. Comb lock assembly. 2,370,774; Mar. 6.
Brügger, Albert, Horgen, Switzerland. Winding machine with automatic spool exchanging means. 2,378,978; June 26.
Brügger, Albert, Horgen, Switzerland. Driving arrangement for thread guides, particularly for cop winding machines. 2,381,570; Aug. 7.
Brujac Electronic Corporation: *See*—
Muller, Werner, assignor.
Brull, Charles B., New York, N. Y., assignor to American Prototype Corporation. Rotary operating machine. 2,373,656; Apr. 17.
Brumbach, Alvin L., Reading, assignor to Textile Machine Works, Wyomissing, Pa. Sinkerhead for knitting machines. 2,384,451; Sept. 11.
Brumbaugh, Andrew K., Palo Alto, assignor to Knuckey Truck Company, San Francisco, Calif. Earth-moving equipment. 2,374,410; Apr. 24.
Brumbaugh, Isaac V., assignor to American Stove Company, St. Louis, Mo. Range. 2,376,571; May 22.
Brumbaugh, John M.: *See*—
Ford, J. R., and Brumbaugh.
Brumfield, Warren F., Muskogee, Okla. Vehicle. 2,377,399; June 5.
Brumhill, Claude W., assignor to The Imperial Typewriter Company, Limited, Leicester, England. Manifolding apparatus for typewriting machines. 2,386,430; Oct. 9.
Brumhill, Claude W., assignor to The Imperial Typewriter Company, Limited, Leicester, England. Leading edge gauge for typewriting machines. 2,386,431; Oct. 9.
Brumley, Jessie E., Owensboro, Ky. Steam pan. 2,371,279; Mar. 13.
Brune, Lennart, H., Rochester, and E. J. Ries, Brighton, assignors, to Ritter Company, Inc., Rochester, N. Y. Time-controlled electric switch. 2,382,972; Aug. 21.
Brunelle, Henry E., Jr., Schenectady, N. Y., assignor to General Electric Company. Electrical connector. 2,385,191; Sept. 18.
Bruner, Frank H., Beacon, L. A. Clarke, Fishkill, and R. L. Sawyer, assignors to The Texas Company, New York, N. Y. Alkylation of aromatic compounds. 2,376,119; May 15.
Bruner, Walter M.: *See*—
Loder, Donald J., and Bruner, assignors.
Bruni, Rudolph H., and J. W. Jones, Richmond, Va., said Jones assignor to said Bruni. Antirust composition. 2,366,486; Jan. 2.
Bruning, Charles, Co., Inc.: *See*—
MacDonald, H. G., and Hruby, assignors.
Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Threading paper through blue print machines. 2,379,339; June 26.
Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Apparatus for developing prints by means of gas. 2,384,155; Sept. 4.
Brunken, Renke, Shaker Heights, Ohio. Automatic gear shifting mechanism for transmissions. 2,373,453; Apr. 10.
Brunner, Albert, Jennings, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake testing apparatus. 2,370,141; Feb. 27.
Brunner, Anton J., Congress Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,382,200; Aug. 14.
Brunner, August H., Jr.: *See*—
Reckmeyer, V. H., and Brunner.
Brunner, Eugene E., assignor to Read Machinery Co. Inc., York, Pa. Conveyer. 2,383,932; Sept. 4.
Brunner, Friedrich and C. Haury, Zurich, Switzerland. Mechanical cocking device for automatic firearms. 2,384,887; Sept. 18.
Bruno Patents, Inc.: *See*—
Lombardi, Anthony J., assignor.
Bruno Patents, Inc., Long Island City, N. Y. Connecting device. 2,376,370; May 22.
Brunot, Albert W., Lynn, Mass., assignor to General Electric Company. Condition control system. 2,387,562; Oct. 23.
Bruns, Anthony C., Cincinnati, Ohio. Multiple cutter turner. 2,369,014; Feb. 6.
Bruns, Anthony C., Cincinnati, assignor to The Palmer Company, Norwood, Ohio. Thermometer case. 2,389,485; Nov. 20.
Bruns, George M., O'Quinn, Tex. Plastic composition for production of wallboards and making the same. 2,373,945; Apr. 17.
Brunswick-Balke-Collender Company, The: *See*—
Coker, John B., assignor.
Debicki, Alfred F., assignor.
Kennedy, Robert E., assignor.
Luth, H. J., and Krupnick, assignors.
Luth, H. J., Krupnick, and Hansen, assignors.
Luth, H. J., and Scheidemantel, assignors.
Brunton, Bernard, and R. G. Booth, London, England. Joints of walls, roofs, and the like constructed from preformed panels or slabs. 2,386,588; Oct. 9.
Brusell, Ernest J., St. Paul, Minn., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,373,650; Apr. 17.
Bruseth, Edward H., Milwaukee, Wis. Milling and drilling adapter for boring bars. 2,374,919; May 1.
Brush Beryllium Company, The: *See*—
Kjellgren, Bengt R. F., assignor.
Brush Development Company, The: *See*—
Arndt, John P., Jr., assignor.
Arndt, J. P., Jr., Brown, and Williams, assignors.
Baerwald, Hans G., assignor.
Begun, Semi J., assignor.
Brown, W. J., and Williams, assignors.
Hooven, Frederick J., assignor.
Kornei, Otto, assignor.
Massa, Frank, assignor.
Shapiro, Harry B.
Williams, Alfred L. W., assignor.
Brush, John D., Rochester, N. Y. Fire protective means for safes, cabinets, etc. 2,377,990; June 12.

Bruson, Herman A.: *See*—
Niederhauser, W., and Bruson.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Beta-carbamylethyl nitroalkanes. 2,370,142; Feb. 27.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of poly-β-carboxyalkyl ethers of polyhydric alcohols. 2,372,808; Apr. 3.
Bruson, Herman A., assignor to Röhm & Hass Company, Philadelphia, Pa. Thiocyano ether alcohols. 2,372,809; Apr. 3.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Hydroxytetrahydronorpolycyclopentadienes. 2,374,173; Apr. 24.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of 2 acetyl-2-methyl pimelic acid. 2,374,327; Apr. 24.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Dihydronordicyclopentadienyl ethers of ether alcohols. 2,375,767; May 15.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Halogenated ethers of hydroxydihydronordicyclopentadiene. 2,375,768; May 15.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Ethers of endoethylene hydroxycyclopentanoindane. 2,376,865; May 29.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of endoethylene hydroxycyclopentanoindane and their preparation. 2,381,433; Aug. 7.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Bis(2-cyanoethyl) ether and making same. 2,382,036; Aug. 14.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Norpolycyclopentadiene monohydrohalides. 2,382,037; Aug. 14.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Trihalo-tetrahydronorpolycyclopentadienes. 2,382,038; Aug. 14.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyano-alkyl ethers of polyhydric alcohols. 2,383,443; Aug. 28.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Dicyanoethyl acetoacetic acid compounds. 2,383,444; Aug. 28.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Aryloxydihydronorpolycyclopentadienes. 2,385,787; Oct. 2.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Hydroxydihydronorpolycyclopentadienes and their preparation. 2,385,788; Oct. 2.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Norendomethylene hexahydrofluorenyl alcohol. 2,385,789; Oct. 2.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Phenyl endoethylene cyclopentanol. 2,385,790; Oct. 2.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethylation of ketones. 2,386,736; Oct. 9.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethylated cyclic ketones. 2,386,737; Oct. 9.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Mixed esters containing the dihydronordicyclopentadiene ring system. 2,389,136; Nov. 20.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Carboxy-substituted pimelic acids. 2,390,024; Nov. 27.
Bruson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. γ-nitro monocarboxylic esters. 2,390,918; Dec. 11.
Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Unsaturated cyanoaldehydes and their preparation. 2,370,006; Feb. 20.
Bruson, Herman A., and T. W. Riener, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Thioethers derived from polymers of cyclopentadiene. 2,376,340; May 22.
Brussell, Jacob, New York, N. Y. Control mechanism for sewing machines. 2,374,804; May 1.
Brustolon, George B., Groton, Conn. Combination tweezers and magnifying device. 2,387,054; Oct. 16.
Bruton, Albert L., London, England, assignor to H. A. Brassert & Company, New York, N. Y. Removal of deposits from the interior surfaces of coke ovens. 2,391,443; Dec. 25.
Brutvan, John J.: *See*—
Wilson, W., and Brutvan, assignors.
Bruun, Johannes H., and M. M. Hicks-Bruun, Swarthmore, assignors to Sun Oil Company, Philadelphia, Pa. Treating lubricating oils. 2,370,228; Feb. 27.
Bruun, Johannes H., Swarthmore, and J. H. Perrine, Prospect Park, assignors to Sun Oil Company, Philadelphia, Pa. Esterification. 2,384,793; Sept. 18.
Bruylants, Pierre, Winxele-Velthem (Lowen), and P. L. J. R. Merckx, Berchem-Antwerp, Belgium; vested in the Alien Property Custodian. Color couplers for color development. 2,375,344; May 8.
Bryan, Bent R., assignor of ten per cent to Lisle Bigler, Nephi, Utah. Rotary grader and separator. 2,378,896; June 26.
Bryan, Edward W.: *See*—
Marschner, C. F., and Bryan.
Bryan, John C., La Canada, Calif. Electric motor. 2,391,005; Dec. 18.
Bryant C., & Son, Limited: *See*—
Hawes, Albert H., assignor.
Bryant, Charles M., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for treating wells. 2,381,875; Aug. 14.
Bryant Chucking Grinder Company: *See*—
Arms, Merton H., assignor.
Bryant, William J., assignor.
Ljunggren, Thor H., assignor.
Ljunggren, T. H., and Moore, assignors.
Bryant, Donald D., Huntington, W. Va. Dust guard. 2,391,121; Dec. 18.
Bryant Electric Company: *See*—
Beal, James, assignor.
Beal, James F., assignor.
Hodgkins, Charles H., assignor.
Hodgkins, C. H., and Hammerstrom, assignors.
Smith, R. M., and Webster, assignors.
Webster, B. C., and Smith, assignors.
Bryant, Frank, assignor to Bradley Pie Company, Los Angeles, Calif. Apparatus for trimming pies and the like. 2,381,644; Aug. 7.
Bryant, Frank D., Stratford, Conn., assignor to General Electric Company. Electric switch for discharge lamps. 2,387,055; Oct. 16.
Bryant Heater Company, The: *See*—
Cerny, J. A., and Converse, assignors.
Higley, Frank R., assignor.
Roberts, E. W., and Converse, assignors.
Bryant, James, assignor of one-half to G. and M. Carter, New York, N. Y. Baby carriage. 2,373,809; Apr. 17.
Bryant, James G., Jr., Port Huron, Mich. Double hammer for hammer mills. 2,384,531; Sept. 11.
Bryant, Niles, Augusta, Mich. Tuning apparatus for musical instruments. 2,390,237; Dec. 4.
Bryant, William G., Brunswick, Ga. Ship builder's work assembling and aligning jack. 2,372,547; Mar. 27.
Bryant, William G., Brunswick, Ga. Clamp. 2,372,548; Mar. 27.
Bryant, William J., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Grinding machine. 2,378,127; June 12.
Bryce, George, West Kilbride, and V. H. Williams, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Transport of aqueous emulsions of liquid explosives. 2,368,638; Feb. 6.
Bryce, George, West Kilbride, and V. H. Williams, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Transport of aqueous emulsions of liquid explosives. 2,391,006; Dec. 18.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic identifying mark recorder. 2,369,431; Feb. 13.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Photographic recorder. 2,370,615; Mar. 6.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Combined dividing and multiplying machine. 2,370,616; Mar. 6.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Combined multiplying and dividing machine. 2,375,277; May 8.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Recording apparatus. 2,377,754; June 5.
Bryce, Robert S.: *See*—
MacKenzie, K. J., and Bryce.
Bryce, William H., Memphis, Tenn. Wrapping for commodities. 2,367,563; Jan. 16.
Bryner, Fred: *See*—
Britton, E. C., Moyle, and Bryner.
Brzeski, John, Toronto, Ontario, Canada. Painting machine. 2,389,409; Nov. 20.
Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Preparing olefins from alkyl halides. 2,368,446; Jan. 30.
Buc, Hyym E., and C. W. Muessig, Roselle, N. J., assignors to Standard Oil Development Company. Substitution chlorination of tertiary olefins. 2,380,500; July 31.
Buccicone, Dario, Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Apparatus for piling metallic sheets. 2,374,174; Apr. 24.
Buchan, Elmer E., Chicago, Ill. Feeder for die presses. 2,381,571; Aug. 7.
Buchan, Rudolph C., Houston, and P. L. McGee, Conroe, Tex., assignors to Standard Oil Development Company. Proportioning of emulsion treating chemicals. 2,368,447; Jan. 30.

Buchanan, Ben F., Leonia, N. J., assignor to American Maize-Products Company. Dissolving dried starch conversion solids. 2,370,123; Feb. 27.
Buchanan, Ben F., Leonia, N. J., assignor to American Maize-Products Company. Dispersion of gums. 2,376,656: May 22.
Buchanan, Edward D., Lorain, Ohio, assignor to National Tube Company. Pipe coupler. 2,388,117; Oct. 30.
Buchanan, George T., Winnsboro, S. C. Coagulant method. 2,381,865; Aug. 14.
Buchanan, Guy R.: *See*—
Mollenhauer, Elmer A., assignor.
Buchanan, J. D., Burbank, Calif. Pencil. 2,385,329; Sept. 25.
Buchanan, J. D., Burbank, Calif. Valve. 2,387,006; Oct. 16.
Buchanan, J. D., Burbank, Calif. Valve actuating system. 2,387,007; Oct. 16.
Buchanan, J. D., Burbank, Calif. Valve mechanism. 2,387,008; Oct. 16.
Buchanan, Royal S., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,370,446; Feb. 27.
Buchanan, Stephen N., Westmoreland Hills, Md. Receptacle and closure therefor. 2,378,683; June 19.
Buchanan, Stephen N., Westmoreland Hills, Md., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,379,567; July 3.
Buchanan, Stephen N., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,383,909; Aug. 28.
Bucher, Armin, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Pigment dyestuffs and the improvement of the tinctorial properties of pigments. 2,378,283; June 12.
Buchet, Conrad R., Hollywood, Calif., assignor to B. F. B. Engineers, Incorporated. Mandrel extrusion rivet. 2,371,423; Mar. 13.
Buchholz, Arnold R., and W. A. Barganz, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Coin counting machine. 2,378,828; June 19.
Büchi, Alfred, Winterthur, Switzerland. Control device for scavenged ignition-type internal-combustion engines. 2,376,115; May 15.
Büchi, Alfred, Winterthur, Switzerland. Turbine with overhung rotor. 2,390,506; Dec. 11.
Buchman, Harry C., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Glass screw cap. 2,372,156; Mar. 20.
Buck, Arthur W., and J. W. Miller, assignors to Buck X-Ograph Company, St. Louis, Mo. Surface plate coatings. 2,387,056; Oct. 16.
Buck, Clarence M., assignor to Hayes Industries, Inc., Jackson, Mich. Making mufflers and the like. 2,367,753; Jan. 23.
Buck, Clyde D., Fremont, Ind. Motion transmitting mechanism. 2,369,528; Feb. 13.
Buck, Clyde D., Fremont, Ind. Variable speed transmission mechanism. 2,381,805; Aug. 7.
Buck, Foster, Lisle, Ill., assignor to International Harvester Company. Fuel injector. 2,381,423; Aug. 7.
Buck, Leo F., Washington, D. C. Pig racing apparatus. 2,376,028; May 15.
Buck, Luther J., and C. E. Veatch, Alton, Ill., assignor to American Smelting and Refining Company, New York, N. Y. Apparatus for flue dust removal. 2,382,855; Aug. 14.
Buck, Robert, Rottenburg-on-the-Neckar, Germany; vested in the Alien Property Custodian. Circular knitting machine. 2,374,920; May 1.
Buck X-Ograph Company: *See*—
Buck, A. W., and Miller, assignors.
Buckendale, Lawrence R.: *See*—
Alden, H. W., Buckendale and Super.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,389,137; Nov. 20.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Resilient lubricant seal. 2,391,007; Dec. 18.
Buckendale, Lawrence R., Detroit, Mich., N. R., Brownyer, Shaker Heights, Ohio, and B. W., Keese, Oshkosh, Wis., assignors to Timken-Detroit Axle Company, Detroit, Mich. Drive axle. 2,383,954; Sept. 4.
Buckey, Jefferson P., assignor to Electronic Products, Inc., Cleveland, Ohio. Composition for treating abrasive bodies. 2,367,995; Jan. 23.
Buckeye Laboratories Corporation: *See*—
Camelford, James A., assignor.
Buckeye Steel Castings Company, The: *See*—
Orr, C. L., Moeller, and Settles, assignors.
Orr, C. L., and Stertzbach, assignors.
Wolfe, Harry H., assignor.
Buckeye Tools Corporation, The: *See*—
McCombs, Melvorne J., assignor.
Buckeye Traction Ditcher Company, The: *See*—
Hollmann, H., and Van Voorhis, assignors.
Petersen, W. C., and Kuch, assignors.
Buckholdt, Robert E., assignor to The Salem Engineering Company, Salem, Ohio. Rotary furnace drive. 2,369,529; Feb. 13.
Buckingham, William D.: *See*—
Nelson, D. H., and Buckingham.
Bucklen, Herbert E., Jr.: *See*—
Hedin, Uno C., assignor.
Bucklen, Herbert E., Jr., Elkhart, Ind., and U. C. Hedin, Des Moines, Iowa; said Hedin assignor to said Bucklen, Jr. Relay structure. 2,389,592; Nov. 27.
Buckley, Arthur H., Chicago, Ill. Cryptographic equipment. 2,377,205; May 29.
Buckley, Earl T., San Diego, and B. E. Richmond, Chula Vista, Calif., assignors of one-half to Pacific Cooperative Poultry Producers, Portland, Oreg. Egg transfer basket. 2,384,794: Sept. 18.
Buckley, Frank R., Nutley, assignor of one-third to W. L. Forker, East Orange, and one-third to D. Smythe, Lyndhurst, N. J. Tool for aligning plates. 2,376,957; May 29.
Buckley, Gerard D., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Anthraquinone derivatives. 2,383,236; Aug. 21.
Buckley, James M., Chicago, Ill. Game apparatus. 2,370,229; Feb. 27.
Buckley, Joseph, Methuen, Mass. Auxiliary hot air heater. 2,378,181; June 12.
Buckley, Stuart E.: *See*—
Wrightsman, G. G., and Buckley.
Buckley, Walter D., Berkeley, and E. P. Bly, assignors to American Bitumuls Company, San Francisco, Calif. Bituminous emulsion and preparing same. 2,372,658; Apr. 3.
Buckmaster, James L., Arlington, Va. Camera lucida instrument and prismatic unit therefor. 2,370,143; Feb. 27.
Buckner, Louis H., Cleveland, Ohio. Game. 2,376,755; May 22.
Bucko, John, Gary, Ind. Torch supporting arm for oxy-acetylene cutting machines. 2,391,008; Dec. 18.
Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Car truck. 2,375,727; May 8.
Buckwalter, Tracy V., Massillon, and W. L. Scribner, assignors to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill. 2,388,249; Nov. 6.
Bucy, Perl L., Oklahoma City, Okla. Ignition device. 2,384,438; Sept. 11.
Bucyrus-Erie Company: *See*—
Anderson, George Y., assignor.
Beitzel, Horace C., assignor.
Davidson, Trevor O., assignor.
Davidson, T. O., and Hoar, assignors.
Hoar, Roger S., assignor.
Mork, George W., assignor.
Thornburg, Herbert W., assignor.
Watson, George R., assignor.
Buczkoski, Leonard R., Detroit, Mich. Spring winder. 2,388,383; Nov. 6.
Buda Company, The: *See*—
Smith, Harold G., assignor.
Budd, Edward G., Manufacturing Company: *See*—
Adams, Comfort A., assignor.
Dalton, Nelson W., assignor.
Dean, Albert G., assignor.
Deisley, E. J., Ulrich, and Lindsay, assignors.
Eksergian, Rupen, assignor.
Elwert, George, assignor.
Hardman, George W., assignor.
Harwick, Henry K., assignor.
Jacob, Ellis L., assignor.
Ledwinka, Joseph, assignor.
Pancoe, George W., assignor.
Pancoe, G. W., and Dean, assignors.
Ragsdale, Earl J. W., assignor.
Rathgen, Ewalt A., assignor.
Reeb, Alfred, assignor.
Smith, John F. D., assignor.
Trautvetter, George, assignor.
Ulrich, Theodore, assignor.
Watter, Michael, assignor.
Watter, M., and Pancoe, assignors.
Weightman, William A., assignor.
Whitesell, John C., Jr., assignor.
Wimer, H. D., Jr., and Bender, assignors.
Yeager, Thomas E., assignor.
Budd Induction Heating, Inc.: *See*—
Farr, Warren H., assignor.
Somes, Howard E., assignor.
Budd Wheel Company: *See*—
Coombes, Joseph H., assignor.
Eksergian, Carolus L., assignor.
Eksergian, C. L., and Coombes, assignors.
Eksergian, C. L., and Gaenssle, assignors.
Eksergian, C. L., and Temple, assignors.
Farr, Warren H., assignor.
Farr, W. H., and Hawthorne, assignors.
Gaenssle, Paul W., assignor.
Gaenssle, P. W., and Stacy, assignors.
Law, Hugh, assignor.
Strickland, Harold A., Jr., assignor.
Budden, Edgar L., Richmond Hill, and W. C. Wieking, Woodhaven, assignors to R. Hoe & Co., Inc., New York, N. Y. Method and mechanism for controlling the operation of printing machines. 2,389,891; Nov. 27.
Budlong, Docherty & Armstrong: *See*—
Armstrong, George A., assignor.

Budlong, Robert D., Chicago, Ill., assignor to Morton White & Co., Vancouver, British Columbia, Canada. Paper roll dispenser. 2,379,275; June 26.
Budner, Joseph, assignor of one-half to E. E. Petti, Newark, N. J. Clothesline shield issuing pulley. 2,372,057; Mar. 20.
Buechel, Joseph C., Hollywood, Calif., assignor to General Electric Company. Lubricant heating system for turbosuperchargers and the like. 2,388,523; Nov. 6.
Buechmann, Frederick C., St. Albans, N. Y. Actuating mechanism for gauges and the like: 2,377,755: June 5.
Buehl, Russell C., Wilkinsburg, Pa., assignor to the Government of the United States, as represented by the Secretary of the Interior. Production of low sulphur sponge iron. 2,380,406; July 31.
Buehler, Leon, Jr., assignor to Frick Company, Waynesboro, Pa. Refrigeration system. 2,387,117; Oct. 16.
Buehner, Christ, assignor to Phenix Manufacturing Company, Inc., Milwaukee, Wis. Overhead door guiding mechanism. 2,375,837; May 15.
Buehner, Howard A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Pressure vessel closure. 2,389,118; Nov. 20.
Buell, Charles K., Phillips, Tex., assignor to Phillips Petroleum Company. Hydrocarbon conversion processes. 2,368,110; Jan. 30.
Buell, Charles K., Buenavista, Tex., assignor to Phillips Petroleum Company. Vinylacetylene purification. 2,382,603; Aug. 14.
Buena Vista Iron Company: *See*—
Worthen, Eugene P., assignor.
Worthen, E. P., Barbour, and Putnam, assignors.
Worthen, E. P., and Fox, assignors.
Buer, Anna, P.: *See*—
Ruff, A. G., and Buer.
Buffalo Compressor and Air Cnditioning Corporation: *See*—
Johnson, G. C., and Hathaway, assignors.
Buffalo Electro-Chemical Company, Inc.: *See*—
Dawsey, L. H., and Rudolph, assignors.
Kauffmann, H. O., and Margulies, assignors.
Levitan, N. I., and Kuoch, assignors.
McEwen, Robert L., assignor.
Buffalo Forge Company: *See*—
Bauer, Norman T., assignor.
Buffalo Foundry & Machine Co.; *See*—
Harcourt, Guy N., assignor.
House, Fred F., assignor.
Buffalo Jewelry Case Company, Inc.: *See*—
Koller, Peter B., Jr., assignor.
Buffalo-Springfield Roller Co., The: *See*—
Greiner, C. F., and Harrison, assignors.
Buffum, Frank G., assignor, by mesne assignments, to Bi-Metallic Products Corporation, Chicago, Ill. Producing ferrous metal articles. 2,380,385; July 31.
Bugenhagen, George H., Midland, Mich. Package container. 2,372,708; Apr. 3.
Bugenhagen, George H., Midland, Mich. Conformator gauge for tubular joints. 2,380,919: Aug. 7.
Bugg, Kenly C., Fort Wayne, Ind. Fastener. Re. 22,681; Oct. 16.
Bugg, Kenly C., Fort Wayne, Ind. Liquid dispensing apparatus. 2,379,785; July 3.
Bugg, Kenly C., and H. L. Hart, Fort Wayne, Ind., said Hart assignor to said Bugg. Fastener. 2,379,786; July 3.
Bugler, Arthur G., Hinsdale, and H. P. Heath, Riverside, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical device. 2,388,667; Nov. 13.
Bühler, Heinrich, and Ernst Müller, Zurich, Switzerland. Nozzle for pressure-operated containers. 2,378,061; June 12.
Buhs, Walter: *See*—
Behne, R., and Buhs.
Buick, Charles A., Rockville Center, N. Y. Attaching clip for ear ornaments. 2,383,237; Aug. 21.
Buick, Frederick: *See*—
Wright, R. H., and Buick.
Builders Iron Foundry: *See*—
Miner, Irving O., assignor.
Buis, Marinus, Ellesmere Port, and L. Belchetz, Ince, near Chester, England, assignors to Shell Development Company, San Francisco, Calif. Calcium naphthenate in hydrocarbon extraction. 2,383,768; Aug. 28.
Bukoff, Peter: *See*—
Blaylock, R. C., and Bukoff.
Bulatkin, Iliya F., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Sealing facing and closure. 2,376,899: May 29.
Bulbulian, Arthur H.: *See*—
Akerman, J., Boothby, Bulbulian, and Lovelace.
Bulbulian, Arthur H., Rochester, Minn. High altitude oxygen supplying mask. 2,391,677; Dec. 25.
Bulger, William A., Stamford, Conn., assignor to Petroleum Heat and Power Company, New York, N. Y. Control for oil burners. 2,369,530; Feb. 13.
Bull, Victor G.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.
Bullard Company, The: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler, assignors.
Bullard, E. P., III, Appelberg, and Johnson, assignors.
Bullard, E. P., III, Cowell, and Lange, assignors.
Dwyer, William S., assignor.
Bullard, E. D., Company: *See*—
Ludwell, Frederick R., assignor.
Bullard, Earl J., Altadena, Calif. Grinding and lapping machine. 2,391,388; Dec. 25.
Bullard, Edward P., III, Fairfield, E. N. Cowell, Stratford, and P. H. Lange, Bridgeport, Conn., assignors to The Bullard Company. Turrethead locking means. 2,369,209; Feb. 13.
Bullard, Edward P., III, Fairfield, Le R. E. Alvey, Bridgeport, E. N. Cowell, Stratford, P. H. Lange, Bridgeport, and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Machine tool. 2,384,809; Sept. 18.
Bullard, Edward P., III, Fairfield, G. R. Appelberg, and E. H. Johnson, Bridgeport, Conn., assignors to The Bullard Company. Machine tool. 2,385,605; Sept. 25.
Bullard, Edwin F.: *See*—
Anderson, J., and Bullard.
Bullard, Harold C., Cambridge, Mass. Knockdown corner cabinet. 2,368,284; Jan. 30.
Bullard, Harold C., Cambridge, Mass. Corner cabinet structure. 2,368,285; Jan. 30.
Bull Dog Electric Products Company: *See*—
Frank, William H., assignor.
Bulldog Electric Products Company: *See*—
Platz, Elwood T., assignor.
Bullock, Edward W., assignor to Gleason Works, Rochester, N. Y. Index mechanism. 2,386,432; Oct. 9.
Bullock, Glenn H.: *See*—
Turner, J. R., McLeod, and Bullock.
Bullock, Laurie H., et al., executors: *See*—
Replogle, Daniel B.
Bullock, Sarah M., et al.: *See*—
Bruen, George C., assignor.
Bulova Watch Company: *See*—
Beeh, L., Forster, and Meyer, assignors.
Kupchick, Edward, assignor.
Minter, Clarke C., assignor.
Bump, Albert H., Watertown, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of resinous dispersions. 2,383,933; Sept. 4.
Bundy, Francis P., Medford, Mass., assignor to United States of America, as represented by the Secretary of the Navy. Magnetostriction transducer. 2,391,678; Dec. 25.
Bundy Tubing Company: *See*—
Hobrock, Raymond H., assignor.
Bunevich, Daniel, West Allis, Wis. Aeroplane. 2,374,075; Apr. 17.
Bunker, Vincent W., and M. De Young, Grand Rapids, and H. W. Kropf, Muskegon Heights, assignors of one-half to Gallmeyer & Livingston Company, Grand Rapids, and one-half to Brickner-Kropf Machine Company, Muskegon Heights, Mich. Granding wheel dresser. 2,391,122; Dec. 18.
Bunn, B. H., Company: *See*—
Bunn, Benjamin H., assignor.
Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,366,235; Jan. 2.
Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,367,658; Jan. 23.
Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,371,024; Mar. 6.
Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine for elongated packages. 2,372,763; Apr. 3.
Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,372,546; Mar. 27.
Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,380,920; Aug. 7.
Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,380,921; Aug. 7.
Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,380,922; Aug. 7.
Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,385,496; Sept. 25.
Bunn, Edward S., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloy. 2,385,497; Sept. 25.
Bunn, Edward S., Baltimore, Md., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Zinc base alloys. 2,390,689; Dec. 11.
Bunnell, Arthur V., Westfield, assignor to Bowen Research Corporation, Garwood, N. J. Floor sweeper. 2,374,977: May 1.
Bunney, William E., Millstone, and W. L. Koerber, Milltown, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Preparing tetanus toxin. 2,373,454; Apr. 10.
Bunting, Albert L., Dearborn, assignor, by mesne assignments to E. J. Gray and A. M. Smith, Detroit, Mich, trustees. Photographic developer. 2,374,921; May 1.
Bunting, Albert L., Dearborn, and A. C. Schultz, Detroit, Mich.; said Schultz assignor to said Bunting. Apparatus for drying metallic articles. 2,375,173; May 1.

Bunting, Albert L., Dearborn, and A. C. Schultz, Detroit, Mich.; said Schultz assignor to said Bunting. Ferrous metal ice tray. 2,383,589; Aug. 28.

Bunting Brass & Bronze Company, The: *See*—
Yager, George F., assignor.

Buquor, Adolph P., Washington, D. C., assignor to Martin-Parry Corporation, York, Pa. Trail shoe assembly. 2,379,621; July 3.

Bura, Walter M., West Orange, N. J., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,375,619; May 8.

Bura, Walter M., West Orange, N. J., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,375,620; May 8.

Bura, Walter M., Orange, N. J., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,381,034; Aug. 7.

Burali, Romano, Saint-Nicolas D'Aliermont, France; vested in the Alien Property Custodian. Driving mechanism for cash registers. 2,372,659; Apr. 3.

Burawoy, Abraham, Levenshulme, assignor to The Calco Printers' Association Limited, Manchester, England. Process for the nuclear methylation of aromatic amines. 2,367,713; Jan. 23.

Burbank, William E., Westfield, and D. H. Mitchell, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Truck. 2,382,856; Aug. 14.

Burbeck, Everett W.: *See*—
Hart, H. T., Barber, and Burbeck.

Burbridge, Gaylord A., Oklahoma City, Okla. Photographic apparatus. 2,373,536; Apr. 10.

Burbridge, John R., assignor of one-half to S. D. Eilenberger, Kenosha, Wis. Multiple engagement latch. 2,384,276; Sept. 4.

Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,371,146; Mar. 13.

Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,371,733; Mar. 20.

Burby, Philip E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,380,407; July 31.

Burch, Cecil R., Nailsea, Bristol, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Lens. 2,388,118; Oct. 30.

Burch, Cecil R., Nailsea, Bristol, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Lens. 2,388,119; Oct. 30.

Burch, Lyndon W., Pelham, N. Y. Self-locking relay. 2,391,444; Dec. 25.

Burchsted, Frederic F., Beverly, Mass. Orthopedic appliance. 2,374,163; Apr. 24.

Burckhardt, Alfred, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Tape moistening device. 2,371,871; Mar. 20.

Burckhardt, Alfred, Stamford, and E. A. Sammis, Springdale, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Letter feed and separator unit. 2,368,519; Jan. 30.

Burckhardt, Alfred, and F. J. Rouan, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Moistening device. 2,368,520; Jan. 30.

Burckhardt, Alfred, and J. V. Edman, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Liquid level control means. 2,374,076; Apr. 17.

Burdett, Albert W., New York, R. Tannous, Pelham Manor, and A. E. Tolley, Garden City, assignors to Ward Baking Company, New York, N. Y. Process and apparatus for molding bread dough. 2,373,012; Apr. 3.

Burdett, Philip H., Bridgeport, and M. W. Maughan, Fairfield, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition priming mixtures. 2,377,670; June 5.

Burdette, Jean R., assignor to Carton Coolers, Inc., Lincoln, Nebr. Portable magazine type package cooler. 2,384,156; Sept. 4.

Burdick, Edwin C.: *See*—
Gess, L., and Burdick.

Burdick, Edwin C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,376,572; May 22.

Burdick, Frank, assignor to Shakespeare Company, Kalamazoo, Mich. Spool cap lock. 2,375,619; May 8.

Burdick, Ralph V., Junior: *See*—
Burdick, Ralph V., assignor.

Burdick, Ralph V., Loudonville, N. Y. Box. 2,379,679; July 3.

Burdick, Ralph V., assignor of one-half to R. V. Burdick, Junior, Loudonville, N. Y. Box. 2,379,680; July 3.

Bureau for Financial Advice, Inc.: *See*—
Gottfried, Steven S., assignor.

Buren, Charles C., Yakima, Wash. Draft control. 2,385,192; Sept. 18.

Burg, Bertha R.: *See*—
King, I., and Burg, assignors.

Burgard, Joseph A., Los Angeles, Calif. Automatic door lock. 2,369,713; Feb. 20.

Burge, Frank C., Dallas, Tex. Vending machine. 2,378,284; June 2.

Burge, James S., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Apparatus for supplying wire from wire supply spools to bending presses. 2,391,679; Dec. 25.

Burgener, Karl L., Villa Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,391,389; Dec. 25.

Burgeni, Alfred, East Orange, N. J. Container closure. 2,389,761; Nov. 27.

Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Brake mechanism. 2,379,276; June 26.

Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,379,277; June 26.

Burger, Joseph, Yonkers, N. Y. Plastic sole for shoes. 2,367,481; Jan. 16.

Burger, Lewis E., Le Mesa, and J. B. Skinner, assignors to Solar Aircraft Company, San Diego, Calif. Making preliminary shaping dies. 2,383,706; Aug. 20.

Burgerstein, Lothar, Rapperswil, Switzerland. Drum brake for use in general engineering. 2,389,953; Nov. 27.

Burgeson, Gustav, Youngstown, Ohio. Wood turning device. 2,388,825; Nov. 13.

Burgess Battery Company: *See*—
MacFarland, Allison M., assignor.

Burgess, Charles E., Trenton, N. J. Stamping and forming. 2,366,487; Jan. 2.

Burgess, Everett H.: *See*—
Lehane, T. J., and Burgess.

Burgess, Harry A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High-speed telegraph system. 2,379,880; July 10.

Burgess, Louis, Jersey City, N. J. Navigation instrument. 2,380,937; Aug. 7.

Burgess, Magnus M., Detroit, Mich., assignor to Sheller Manufacturing Corporation, Portland, Ind. Preforming die. 2,377,128; May 29.

Burgess-Manning Company: *See*—
Leadbetter, Ralph L., assignor.

Burgett, Neal J., Rockwood, Mich., assignor to B & E Art Metals, Inc., Detroit, Mich. Septic tank. 2,378,616; June 19.

Burggrabe, Henry A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,366-955; Jan. 9.

Burghoff, Henry L.: *See*—
Crampton, D. K., and Burghoff.

Burgin, Kermit H., near Whitestown, Ind. Corn and stalk harvester. 2,385,193; Sept. 18.

Burgoine, Edward, B. Collie, and R. G. A. New, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Organic isocyanates. 2,379,948; July 10.

Burgoine, Sidney F., and H. E. Elsden, Cheltenham, England. Fluid-operated work-holding vise. 2,382,958; Aug. 21.

Burgwin, Stephen L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Adjustable time delay relay. 2,373,998; Apr. 17.

Burgwin, Stephen L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resistance welding circuits. 2,378,897; June 26.

Burgwin, Stephen L., Forest Hills, J. R. Mahoney, Homewood, and H. J. Bichsel, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding control system. 2,390,774; Dec. 11.

Burhans, William G., Kingston, N. Y. Filter. 2,375,345; May 8.

Burk, Munson T.: *See*—
Hollowell, Everett L.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of motor fuel. 2,370,144; Feb. 27.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of unsaturated aliphatic gaseous hydrocarbons, etc. 2,371,147; Mar. 13.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Regeneration of catalysts. 2,371,148; Mar. 13.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Liquid division. 2,373,099; Apr. 10.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Inhibiting cracking in re-forming of hydrocarbons. 2,380,938; Aug. 7.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Catalytic formation of isobutane. 2,385,344; Sept. 25.

Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Controlled fractional distillation apparatus. 2,385,345; Sept. 25.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Beneficiating lubricants, etc. 2,367,264; Jan. 16.

Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Catalytic conversion of hydrocarbons. 2,374,175; Apr. 24.

Burk, Robert E., Cleveland Heights, and T. J. Walsh, assignors to The Standard Oil Company, Cleveland, Ohio. Apparatus for liquid contact for fractionating, etc. 2,376,341; May 22.
Burk, Robert E., Cleveland, and H. P. Lankelma, Shaker Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Isomerization. 2,381,434; Aug. 7.
Burkart, F., Manufacturing Company: *See*—
Kopplin, Karl J., assignor.
Burkart F., Manufacturing Company: *See*—
Kopplin, Karl J., assignor.
Burke, Edmund P., San Marino, Calif. Multitrussed unit. 2,384,157; Sept. 4.
Burke, Edward W., Mahopac, assignor to Pulmosan Safety Equipment Corporation, Brooklyn, N. Y. Carboy truck. 2,389,294; Nov. 20.
Burke & James, Inc.: *See*—
Drucker, Albert, assignor.
Drucker, Samuel, assignor.
Haley, H. D., and Burke.
Burke, James L.: *See*—
Modern, A. E. H., and Burke.
Burke, James P., Poland, Ohio, assignor to F. L. McLaughlin, Detroit, Mich. Nut. 2,367,659; Jan. 23.
Burke, James P., Poland, Ohio. Helicopter. 2,378,617; June 19.
Burke, James J., assignor to American Viscose Corporation, Wilmington, Del. Spinning machine control. 2,380,147; July 10.
Burke, Joseph R., H. L. Worthington, and G. Runciman, Seattle, Wash. Timber load carrying member. 2,382,201; Aug. 14.
Burke, Wilbur B., Cleveland, Ohio. Drilling machine. 2,390,420; Dec. 4.
Burke, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins obtained from ureas and alkylolamines. 2,374,077; Apr. 17.
Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric sulphur containing derivatives and their preparation. 2,384,888; Sept. 18.
Burke, William A., and H. J., and W. O. Frese, assignors to The Ohio Stove Company, Portsmouth, Ohio. Magazine stove. 2,384,596; Sept. 11.
Burke, William F., assignor to The McBee Company, Athens, Ohio. Auxiliary lighting fixture. 2,389,762; Nov. 27.
Burke, William J., Marshallton, and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products and processes for their production. 2,370,839; Mar. 6.
Burke, William J., Marshallton, and F. W. Hoover, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products of heteromonocyclic urea derivatives. 2,374,647; May 1.
Burke, William J., Marshallton, and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products of N,N'-bis (alkoxymethyl) urea and their production. 2,374,648; May 1.
Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. S-substituted mercaptomethyl ethers of hydroxylated polymers. 2,378,898; June 26.
Burke, William J., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bichalcogenous material. 2,388,597; Nov. 6.
Burke, William O.: *See*—
North, E. W., and Burke.
Burkhalter, Robert R.: *See*—
Peterson, Carl D.
Burkhardt Company, The: *See*—
Johnson, Stanley G., assignor.
Burkhardt, Conrad C. C., Beach Arlington, N. J., assignor to The Baldwin Locomotive Works. Radiator system for Diesel locomotives. 2,371,501; Mar. 13.
Burkhardt, Ernst, Berlin, Germany, assignor to General Electric Company. Electroacoustic transducer. 2,368,609; Jan. 30.
Burkhardt, George R.: *See*—
Breed, C. W., and Burkhardt.
Burkhardt, Wilhelm: *See*—
Berghaus, B., and Burkhardt.
Burkhart, Oliver R., et al.: *See*—
Gruner, William P., assignor.
Burkhart, Walter H., et al.: *See*—
Gruner, William P., assignor.
Burkholder, John D., Jr., Harrisonburg, Va. Brooder. 2,385,682; Sept. 25.
Burle, Edward E., Green Bay, Wis. Welder's periscope. 2,377,671; June 5.
Burls, John P., London, W. 1, England, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Flexible screen support. 2,378,463; June 19.
Burman, Paul H., Glendale, Ohio. Immersion gauge. 2,369,335; Feb. 13.
Burman & Sons Limited: *See*—
Briggs, Thomas H. and W. H., assignors.
Burnam, Thompson W., Whittier, Calif. Nozzle. 2,383,433; Aug. 21.
Burndy Engineering Company, Inc.: *See*—
Bonwitt, Wilhelm F., assignor.
Lee, Marvin, assignor.
Lee, M., and Matthysse, assignors.
Rogoff, Julian, assignor.
Burnelli, V. J., Airplanes Inc.: *See*—
Burnelli, Vincent J., assignor.
Burnelli, Vincent J., Matawan, assignor to V. J. Burnelli Airplanes Inc., Red Bank, N. J. Combined engine cooling and jet propulsion means. 2,372,250; Mar. 27.
Burnelli, Vincent J., Matawan, assignor to V. J. Burnelli Airplanes Inc., Red Bank, N. J. Military aircraft. 2,380,289; July 10.
Burnelli, Vincent J., Matawan, assignor to V. J. Burnelli Airplanes Inc., Red Bank, N. J. Cargo carrying airplane. 2,380,290; July 10.
Burnelli, V. J., Airplanes Inc.: *See*—
Burnelli, Vincent J., assignor.
Burnett, John W., Chicago, Ill., assignor to Reynolds Metals Company, Richmond, Va. Rebrass truck. 2,384,235; Sept. 4.
Burnham, Frank J., Los Angeles, Calif. Strainer filter for coffee making. 2,381,104; Aug. 7.
Burnham, John, North Adams, and J. L. Hyde, Williamstown, assignors to Sprague Electric Company, North Adams, Mass. Electrical apparatus. 2,387,829; Oct 30.
Burnham, Roland B., administrator: *See*—
Boyd, William P.
Burns, Bruce, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Oil cooler for aircraft. 2,387,057; Oct. 16.
Burns, Clyde A., Corpus Christi, Tex. Watchcase wrench. 2,389,954; Nov. 27.
Burns, Earl A., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated trim panel and fabricating same. 2,369,658; Feb. 20.
Burns, Frank D., Muskegon, Mich. Boat cover. 2,390,986;
Burns, George A.: *See*—
Rayner, T. R., and Burns.
Burns, Jabez, & Sons, Inc.: *See*—
Harrison, Norman A., assignor.
Burns, John S., Walton on Thames, England. Earth-moving machine. 2,371,502; Mar. 13.
Burns, Louis G.: *See*—
Grey, R. E., and Burns.
Burns, Robert, Jackson Heights, N. Y., assignor to Celanese Corporation of America. Dyeing process. 2,371,221; Mar. 13.
Burns, Robert S., Middletown, and A. S. McCabe, Seven Mile, assignors to The American Rolling Mill Company, Middletown, Ohio. Grain shape control in killed deep drawing materials. 2,381,435; Aug. 7.
Burns, Wilford E., Burlingame, assignor to M. J. B. Company, San Francisco, Calif. Can. 2,375,621; May 8
Burr, John H., and D. J. Driscoll, assignors to Strand Ski Company, New Richmond, Wis. Spring structure. 2,369,116; Feb. 13.
Burrell, Ellis B., assignor to Jiggers, Inc., Chicago, Ill. Soldering device. 2,377,322; June 5.
Burrell, George, Huntington, N. Y., assignor to Republic Aviation Corporation. Flight test photographic recording equipment. 2,378,182; June 12.
Burrell, Harry: *See*—
Barth, R. H., and Burrell.
Bowman, P. I., and Burrell.
Burrell, Harry, Paramus, N. J., assignor to Ellis-Foster Company. Activated filler and making same. 2,380,214; July 10.
Burrell, Harry, Paramus, N. J., and P. I. Bowman, Syracuse, N. Y., assignors, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Synthetic drying oils. 2,390,202; Dec. 4.
Burrell Technical Supply Company: *See*—
Carlson, George W., assignor.
Holmes, D. C., and Guild, assignors.
Burreson, Zina A. M., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bomb release system. 2,374,978; May 1.
Burris, Virgil A., Detroit, Mich. Head rest for barber's chairs. 2,370,447; Feb. 27.
Burrough, Edward J., Ottawa, Ontario, Canada, assignor to M. D. Curran, Webster Groves, Mo. Method and apparatus for dehydrating wet oil, tar, and the like. 2,368,089; Jan. 30.
Burroughs Adding Machine Company: *See*—
Fettig, Arthur J., assignor.
Muller, Robert L., assignor.
Pasinski, Walter J., assignor.
Burroughs Wellcome & Co. (U. S. A.) Inc.: *See*—
Brownlee, G., and Duffin, assignors.
Klemme, C. J., and Baltzly, assignors.
Sargent, Leonard E., assignor.
Burrows, Allen, Providence, R. I. Thread cutting tool. 2,391,223; Dec. 18.
Burrows, George H., Shaker Heights, Ohio. Apartment building structure. 2,383,445; Aug. 28.
Burrows, Lawton A., W. C. Holmes, and C. P. Spaeth, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrourea product. 2,376,474; May 22.
Burrows, Lawton A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosion rivet. 2,387,742; Oct. 30.
Burrows, Lawton A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Heating device. 2,388,901; Nov. 13.

Burruss, David N., Jr., Hammond, Ind., and J. E. Drapeau, Jr., Calumet City, Ill., assignors to The Glidden Company, Cleveland, Ohio. Inv. Reducing method. 2,373,657; Apr. 17.
Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,368,409; Jan. 30.
Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Vernon, Calif. Flow control apparatus. 2,380,022; July 10.
Burt, F. N., Company: *See*—
Nyden, Robert, assignor.
Burt, F. N., Company, Inc.: *See*—
Dickerman, Harry K., assignor.
Burt, George H.: *See*—
Muench, C. G., and Burt.
Burt, George H., Metairie, La., assignor to The Celotex Corporation, Chicago, Ill. Apparatus for perforating material. 2,378,618; June 19.
Burt, John W., deceased, by J. Tennent and D. C. Ross, Glasgow, Scotland, executors. Power-driven wringer. 2,373,377; Apr. 10.
Burt, Ralph, assignor to Syntron Company, Homer City, Pa. Fluid operated vibrating or pulsating machine. 2,378,979; June 26.
Burt, Robert C., Pasadena, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Force gauge. 2,382,289; Aug. 14.
Burtner, Robert R., Niles Center, assignor to G. D. Searle & Co., Chicago, Ill. Piperidinol esters as antispasmodic agents. 2,387,879; Oct. 30.
Burton, Augustus, Dallas, Tex. Treatment apparatus. 2,385,683; Sept. 25.
Burton, Calvin A., assignor to Lamson Corporation, Syracuse, N. Y. Hoist. 2,372,157; Mar. 20.
Burton, Charles H.: *See*—
Roseman, R., and Eisenberg, assignors.
Burton, Clyde R., Brunswick, Maine. Attachment for torch burning machines. 2,368,967; Feb. 6.
Burton, Edward F., Los Angeles, H. W. Adams, Santa Monica, and O. A. Wheelon, Pacific Palisades, assignors to Douglas Aircraft Company, Incorporated, Santa Monica, Calif. Control surface boost device and gust dampener. 2,366,382; Jan. 2.
Burton, Edward F., West Los Angeles, and A. B. Rogers, Sr., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Pilot enclosure. 2,385,684; Sept. 25.
Burton, Euclid O., and A. V. Nichol, Detroit, Mich., assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Controlling and indicating apparatus. 2,368,743; Feb. 6.
Burton, Frank A., Poplar Bluff, Mo. Holder for upright staffs and the like. 2,390,292; Dec. 4.
Burton, Gus, Wadley, Ga. Airplane mail loading and unloading device. 2,369,133; Feb. 13.
Burton, Hammond, Baltimore, Md. Treating waxed paper for repeated re-use in linoleum manufacture. 2,368,111; Jan. 30.
Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Nitrogenous organic compounds, and making same. 2,373,938; Apr. 17.
Burwell, Arthur W., and J. A. Camelford, Niagara Falls, assignors to Alox Corporation, New York, N. Y. Nitrogenous organic compounds and making same. 2,378,880; June 19.
Burwell, Blair, Uravan, Colo., assignor to United States Vanadium Corporation. Treating tungstate solutions. 2,388,306; Nov. 6.
Burwood Corporation: *See*—
Bertea, Alexander, assignor.
Busch, Aloysius J., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic toll ticketing system. 2,370,712; Mar. 6.
Busch, Vern W., Rushton, Mich. Lunch box. 2,390,638; Dec. 11.
Bush, A. G.: *See*—
Criner, Harry J., assignor.
Bush, Burton T., Inc.: *See*—
Carpenter, Marion S., assignor.
Ofner, A. and Kunz, E. C.
Sandoz, Maurice, assignor.
Bush Development Company, The: *See*—
Williams, Alfred L. W., assignor.
Bush, George T.: *See*—
Ursutz, Joseph J., assignor.
Bush, Howard F., East Orange, N. J., and R. C. Hitchcock, Indiana, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,367,926; Jan. 23.
Bush Manufacturing Company, The: *See*—
Fagan, Joseph F., assignor.
Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor. 2,376,475; May 22.
Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pump control. 2,381,203; Aug. 7.
Bush, Vannevar, East Jaffrey, N. H., assignor to Research Corporation, New York, N. Y. Justifying typewriter. 2,379,862; July 10.
Bush, William A., and E. A. Lasher, assignors to California Flaxseed Products Company, Los Angeles, Calif. Processing spice. 2,384,532; Sept. 11.
Bushnell, Elizabeth W., Bridgeport, Conn., assignor to B. A. Thomas and H. G. Marquis, Scarsdale, N. Y. Hospital chair. 2,383,039; Aug. 21.
Bushrod, Charles J., Prestwich, Manchester, assignor to Magnesium Elektron Limited, London, England. Welding fluxes. 2,370,935; Mar. 6.
Bushrod, Charles J., Prestwich, Manchester, assignor to Magnesium Elektron Limited, London, England. Protection of magnesium and magnesium base alloys against corrosion. 2,387,494; Oct. 23.
Busignies, Henri G., Forest Hills, N. Y., and A. G. Richardson, Boonton, N. J., assignors to Federal Telephone and Radio Corporation. Goniometer construction. 2,379,422; July 3.
Businger, Albert: *See*—
Ruggli, P., and Businger.
Busk, Robert S., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,385,685; Sept. 25.
Busk, Robert S., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,385,686; Sept. 25.
Busk, Robert S., assignor to The Dow Chemical Company, Midland, Mich. Heat-treating magnesium alloys. 2,388,120; Oct. 30.
Buskirk, Elmore E., assignor to Aget Manufacturing Company, Adrian, Mich. Air purifier. 2,368,343; Jan. 30.
Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway truck brake beam support. 2,383,955; Sept. 4.
Bussmann, Henry T., St. Louis, Mo. Electric protective device. 2,376,863; May 29.
Bustamante, Cesar, assignor to E. Gut, New York, N. Y. Grenade thrower. 2,382,540; Aug. 14.
Bustamante, Cesar, assignor of one-third to S. Bookstein, Belle Harbor, and one-third to B. Weisman, New York, N. Y. Machine for making and applying spangles. 2,390,639; Dec. 11.
Butcher, Lionel D.: *See*—
Wadman, W. V., and Butcher.
Butenandt, Adolf, Berlin-Dahlem, and W. Logemann, Berlin-Friedenau, Germany, assignors to Schering Corporation, Bloomfield, N. J. Polyhydric alcohols of steroids and making the same. 2,368,199; Jan. 30.
Buthe, Henry, Cliffside, assignor to Star Engineering Company, Newark, N. J. Hydromechanical power transmission. 2,385,058; Sept. 18.
Buthe, Henry, Cliffside, assignor to Star Engineering Company, Newark, N. J. Hydromechanical power transmission. 2,385,059; Sept. 18.
Butler, Donald E., J. F. Herold, and V. B. Zacher, Ventura, Calif., assignors to Tide Water Associated Oil Company. Drilling mud. 2,377,309; June 5.
Butler, Edward H., West Lafayette, Ind., assignor to Aluminum Company of America, Pittsburgh, Pa. Article handling device. 2,379,622; July 3.
Butler, Gordon C., Montreal, E. Lozinski, Westmount, and A. D. Odell, assignors to C. E. Frosst & Co., Montreal, Quebec, Canada. Preparation of new sulphonamide derivatives. 2,373,658; Apr. 17.
Butler, Gurdon M., Jr.: *See*—
Breeler, W. R., and Butler.
Butler, John F., Holywood, and W. B. McC. Killen, Belfast, Northern Ireland. Carburetor. 2,373,224; Apr. 10.
Butler, John W.: *See*—
Strang, H. E., and Butler.
Butler Manufacturing Company: *See*—
Damme, W. O., and Gabler, assignors.
George, Ralph D., assignor.
Butler, Seth E., Union City, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Locking device for telescoping members. 2,367,196; Jan. 16.
Butler, William F., Hillside, N. J., assignor to American Can Company, New York. Oven. 2,376,866; May 29.
Butler, William H.: *See*—
Turkington, V. H., and Butler.
Butler, William R.: *See*—
Carlson, C. A., and Butler.
Butow, Abe M., assignor to Artistic Foundations, Inc., New York, N. Y. Foundation garment. 2,389,410; Nov. 20.
Butrovich, George W., Tulsa, Okla., and C. E. Deardorff, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Hydraulic synchronizer. 2,376,320; May 22.
Butt, Charles A., and A. O. Hallman, East Point, Ga., assignors to International Minerals & Chemical Corporation. Manufacturing iron-free magnesium sulphate from certain minerals. 2,375,749; May 15.
Butterbaugh, Darrell J.: *See*—
Spence, Le R. U., Butterbaugh, and Kroeker.
Butterfield, John P.: *See*—
Herreshoff, A. G., and Butterfield.
Butterworth, H. W., & Sons Company: *See*—
Sippel, John J., assignor.
Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Box or container. 2,372,312; Mar. 27.
Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Collapsible cellular carton. 2,382,202; Aug. 14.

Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Egg carton setting up device. 2,385,401; Sept. 25.
Buttner, Harold H., Rye, N. Y. Toasting device. 2,382,380; Aug. 14.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Cutoff valve. 2,380,576; July 31.
Buttress, George A., assignor of one-half to R. S. Berry, Los Angeles, Calif. Lath. 2,371,734; Mar. 20.
Buttrill, Carroll O.: *See*—
Marshall, C. D., and Buttrill.
Butts, Armstrong C., Cumberland, Md., assignor to Superior Railway Products Corporation, Pittsburgh, Pa. Chamber cleaning device. 2,386,193; Oct. 9.
Butz, Lewis W.: *See*—
Orchin, Milton, and Butz.
Butz, Lewis W., Beltsville, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Nonbenzenoid fused polycyclic compounds. 2,387,830; Oct. 30.
Butzbach, Orville K., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,377,206; May 29.
Buxbaum, Edwin C., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diarylamino-trianthrimides. 2,372,313; Mar. 27.
Buxton, Incorporated: *See*—
Buxton, Warner R., assignor.
Buxton, Linus W.: *See*—
Lovejoy, F. C., and Buxton.
Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Preparation of highly potent vitamin concentrates. 2,374,470; Apr. 24.
Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Preparation of highly potent vitamin concentrates. 2,374,471; Apr. 24.
Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Vitamin fortified product. 2,375,278; May 8.
Buxton, Loran O., Newark, and A. E. Briod, Short Hills, assignors to National Oil Products Company, Harrison, N. J. Fat-soluble vital product. 2,375,279; May 8.
Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treating marine oils. 2,380,408; July 31.
Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Production of vitamin concentrates. 2,380,409; July 31.
Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Fat-soluble vitamin ester concentration process. 2,380,410; July 31.
Buxton, Loran O., Newark, assignor to National Oil Products Company, Harrison, N. J. Refining marine oils. 2,380,411; July 31.
Buxton, Loran O., East Orange, assignor to National Oil Products Company, Harrison, N. J. High iodine value oils. 2,380,412; July 31.
Buxton, Loran O., East Orange, assignor to National Oil Products Company, Harrison, N. J. Treatment of animal and vegetable oils. 2,380,413; July 31.
Buxton, Loran O., East Orange, assignor to National Oil Products Company, Harrison, N. J. Fat-soluble vitamin concentration. 2,380,414; July 31.
Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Producing fat-soluble vitamin concentrates. 2,389,955; Nov. 27.
Buxton, Mabel A., executrix: *See*—
Buxton, Warner R.
Buxton, Warner R., deceased, by M. A. Buxton, executrix, Longmeadow, Mass., assignor to Buxton, Incorporated. Flexible pocket receptacle. 2,379,672; July 3.
Buzzell, Jonathan J.: *See*—
Lutes, H., and Buzzell.
Byard Manufacturing Company, Limited: *See*—
Hunter, Albert E., assignor.
Bye, Harald P., Washington, D. C. Muffler. 2,385,791; Oct. 2.
Bye, Paul C., Pasadena, Calif. Reciprocating can piercer. 2,376,756; May 22.
Byer, Moses J., Bangor, Maine. Clip for Venetian blind slats. 2,367,095; Jan. 9.
Byerlein, Arthur A., Detroit, Mich., assignor to General Machinery Corporation, Hamilton, Ohio. Press. 2,378,062; June 12.
Byers, A. M., Company: *See*—
Story, Edward B., assignor.
Byers, John R., Jr.: *See*—
Dickey, J. B., and Byers.
McNally, J. G., and Byers.
Bylo, John J., Detroit, Mich. Loading and unloading cargo. 2,371,149; Mar. 13.
Byrd, Edwin E., Houston, Tex., assignor to Standard Oil Development Company. Completing wells. 2,374,922; May 1.
Byerly, David R., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Granular soap product. 2,388,632; Nov. 6.
Byrkit, Gordon D.: *See*—
Lincoln, B. H., and Byrkit.
Lincoln, B. H., and Byrkit, assignors.
Lincoln, B. H., Byrkit and Steiner.
Lincoln, Bert H., and Byrkit.
Byrnes, Clarence P.: *See*—
James, Joseph H., assignor.
Byrns, Alva C.: *See*—
Polly, O. L., and Byrns.
Byrns, Alva C., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Production of synthetic resins. 2,367,183; Jan. 16.
Byrns, Alva C., assignor to Union Oil Company of California, Los Angeles, Calif. Desulphurization catalysts. 2,369,432; Feb. 13.
Byroad, Robert J., Indianapolis, Ind. Pump. 2,367,184; Jan. 16.
Bywater, William G.: *See*—
Cheney, L. C., and Bywater.
C. B. Equipment Co.: *See*—
Harbers, Henry C., assignor.
C-S Engineering Company: *See*—
Coffin, J. S., Jr., and Schellens, assignors.
Cabin Crafts: *See*—
Kile, Jess S., assignor.
Cable, Herbert H., Van Nuys, Calif. Kitchen utility mounting. 2,369,336; Feb. 13.
Cable and Wireless Limited: *See*—
Warburton, Fred, assignor.
Cabrera, José G., Habana, Cuba. Folding cover for typewriting machines or the like. 2,390,987; Dec. 18.
Caddy, Frank E.: *See*—
Voogd, M., Caddy, and Duffy.
Cadeau, Alvin P., Burlington, Ontario, Canada, assignor, by mesne assignments, to S. A. Felton & Son Company, Portland, Maine. Dabbing brush. 2,382,541; Aug. 14.
Cadieux, Arthur H., Granby, Quebec, Canada. Window shade attachment. 2,389,593; Nov. 27.
Cadieux, Eudore, Letellier, Manitoba, Canada. Root harvesting machine. 2,389,411; Nov. 20.
Cadman, Addi B., San Diego, Calif. Offsetting mechanism. 2,381,105; Aug. 7.
Cadwallader, Alvin A., Oakford, Pa., assignor to Illinois Tool Works, Chicago, Ill. Coupling device. 2,375,728; May 8.
Cadwallader, Clyde T., assignor to D. Cadwallader, Kenmore, N. Y. Loose-leaf binder. 2,374,635; Apr. 24.
Cadwallader, Dorothy: *See*—
Cadwallader, Clyde T., assignor.
Cadwell, Charles A., Cleveland Heights, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Exothermic reaction charge. 2,383,040; Aug. 21.
Cadwell, Charles A., Cleveland Heights, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Welding materials and processes. 2,387,715; Oct. 30.
Cadwell, Edwin B., Saugerties, N. Y.; H. Cadwell, executrix of said E. B. Cadwell, deceased. Machine for removing snow. 2,390,421; Dec. 4.
Cadwell, Helen, executrix: *See*—
Cadwell, Edwin B.
Cadwell, Leon L.: *See*—
Williams, B. E., and Cadwell.
Caesar, Philip D.: *See*—
Sachanen, A. N., and Caesar.
Caesar, Philip D., and A. N. Sachanen, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalytic alkylation. 2,373,999; Apr. 17.
Cafagno, Joe, Marion, Ohio. Heating furnace. 2,381,106; Aug. 7.
Caffrey, Charles S.: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Dilon.
Cahill, Gerald, Michigan City, Ind. Time shell. 2,369,337; Feb. 13.
Cahill, Harold G., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making coils. 2,388,598; Nov. 6.
Cahn, Frank J., and B. R. Harris, assignors to The Emulsol Corporation, Chicago, Ill. Chemical compounds. 2,371,097; Mar. 6.
Cahn, Frank J., assignor to The Emulsol Corporation, Chicago, Ill. Separation of mineral values from ores. 2,389,763; Nov. 27.
Cahners, Norman L., Hingham, Mass. Materials handling pallets adopted for use as accessories in fork lift truck operations. 2,369,944; Feb. 20.
Cailloux, John F., Houston, Tex., and P. M. Rea, Oklahoma City, Okla. Apparatus for reconditioning drill pipe. 2,373,163; Apr. 10.
Cairns Corporation: *See*—
Lermont, B., and Wolf, assignors.
Lermont, Basil, assignor.
Cairns, Gorden: *See*—
Lewers, T. R., and Cairns.
Cairns, Robert W., Wilmington, Del., and R. L. Stern, South River, N. J., assignors to Hercules Powder Company, Wilmington, Del. Treatment of nitrocellulose. 2,382,130; Aug. 14.
Calabro, Anthony A., New Haven, Conn. Permanent wave mandrel. 2,381,107; Aug. 7.
Calbick, Chester J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manometer circuits. 2,375,280; May 8.
Calco Printers' Association Limited, The: *See*—
Burawoy, Abraham, assignor.
Calcott, William S.: *See*—
Calcott, W. S., Waddell, and Rosenberg.

Calcott, William S., Woodstown, J. Waddell, Metuchen, N. J., and H. R. Rosenberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Antirachitic materials and their production. 2,383,446; Aug. 28.
Calcott, William S., Woodstown, N. J., and H. W. Starkweather, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous process for making rubber-like materials by polymerizing elastogenic polymerizable materials. 2,384,277; Sept. 4.
Caldara, Nicholas, Bronx, N. Y. Watch. 2,380,215; July 10.
Caldarelli, Faustino, East Boston, Mass. Rivet or bolt holder. 2,374,582; Apr. 24.
Calder, Caesar A.: *See*—
Shaw, Louis E., assignor.
Calderazzo, Dominick: *See*—
Jayne, Bennett, assignor.
Calderazzo, Dominick J., Dolgeville, N. Y. Shoe. 2,380,577; July 31.
Calderazzo, Dominick J., Dolgeville, N. Y. Shoe. 2,391,083; Dec. 18.
Caldora, Armand, New York, N. Y. Comb. 2,384,013; Sept. 4.
Caldwell, Charles W., Johannesburg, Transvaal, Union of South Africa. Holder for razor blades. 2,379,863; July 10.
Caldwell, Frank W., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Air filter for aircraft engines. 2,374,412; Apr. 24.
Caldwell, Frank W., and E. Martin, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Aircraft power plant. 2,371,872; Mar. 20.
Caldwell, Harold B., New York, N. Y., assignor to Whiting Corporation, Harvey, Ill. Car washing brush. 2,372,933; Apr. 3.
Caldwell, Harry F.: *See*—
Tuthill, H. B., and Caldwell.
Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,381,572; Aug. 7.
Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,390,495; Dec. 11.
Caldwell, Harry J., and E. Y. Seborg, assignors to Barnes Drill Co., Rockford, Ill. Control mechanism for honing machines. 2,377,310; June 5.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Resilient synthetic yarn. 2,378,183; June 12.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process. 2,388,826; Nov. 13.
Caldwell, Lyle: *See*—
Greentree, Alexander, assignor.
Caldwell, Percy G., London, England. Liquid circulating system and heating means therefor. 2,367,197; Jan. 16.
Caldwell, Samuel H., Belmont, and J. J. Jaeger, Cambridge, Mass., and R. Taylor, Great Neck, N. Y., assignors to Niles-Bement-Pond Company, Hartford, Conn. Electric control for machine tools. 2,389,594; Nov. 27.
Caldwell, Samuel P.: *See*—
Bacon, D. L., Caldwell, and Barmmer.
Caldwell, Walter A., Seamill, Scotland, assignor to Imperial Chemical Industries Limited. Heater for canned foods and beverages. 2,384,278; Sept. 4.
Caldwell, Walter A., West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Chemical immersion heater. 2,386,654; Oct. 9.
Caldwell, Walter A., Seamill, Scotland, assignor to Imperial Chemical Industries Limited. Chemical immersion heater. 2,388,466; Nov. 6.
Caldwell, Walter T., assignor, by mesne assignments, to Valve Engineering Company, Enid, Okla. Valve and operating mechanism therefor. 2,386,589; Oct. 9.
Caldwell, William E., New Rochelle, N. Y. Turbine. 2,377,611; June 5.
Caldwell, William F., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Agitating and dissolving apparatus. 2,375,729; May 8.
Caldwell, William F., Old Greenwich, R. C. Swain, Riverside, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Apparatus for conducting reactions in liquid phase. 2,375,730; May 8.
Caldwell, William F., Old Greenwich, R. C. Swain, Riverside, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of melamine. 2,375,731; May 8.
Caldwell, William J., Independence, Mo. Powdered fuel feeding system for internal-combustion engines. 2,371,735; Mar. 20.
Caldwell, William J., Independence, Mo. Adjustable nozzle. 2,373,741; Apr. 17.
Calhoun, Charles G., Pittsburgh, Pa. Extension pole. 2,384,279; Sept. 4.
Calhoun, Earl E., Shulls Mills, assignor to David P. Lavietes, Boone, N. C. Chuck for frazing machines. 2,385,346; Sept. 25.
Calhoun, Frank V., Canton, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Floating reamer. 2,371,127; Mar. 13.
Calhoun, John M.: *See*—
Swan, D. R., and Calhoun.
Calhoun, Vernon, Chicago, Ill. Catamenial device. 2,386,590; Oct. 9.
Calhoun, Vernon, Chicago, Ill. Hemostat and forming same. 2,387,642; Oct. 23.
California Cedar Products Company: *See*—
Wilcox, William H., assignor.
California Cotton Mills Company: *See*—
Olsen, Burton A., assignor.
Olsen, B. A., Combs, and Nelson, assignors.
California Flaxseed Products Company: *See*—
Bush, W. A., and Lasher, assignors.
California Fruit Growers Exchange: *See*—
Bailey, Herbert S., assignor.
Cole, Gordon M., assignor.
Finley, James A., assignor.
Wilson, Clarence W., assignor.
California Institute Research Foundation: *See*—
English, J., Jr., Bonner, and Haagen-Smit, assignors.
California Packing Corporation: *See*—
Dunn, Guy A., assignor.
California Pellet Mill Company: *See*—
Wilkins, Stanley D., assignor.
California Research Corporation: *See*—
Farrington, B. B., Clayton, and Rutherford, assignors.
Fratis, Joseph E., assignor.
Kavanagh, F. W., Farrington, and Clayton, assignors.
Leyda, Frank A., assignor.
Long, Richard H., assignor.
California Spray-Chemical Corporation: *See*—
De Laney, Colton, assignor.
Calingaert, George, H. Soroos, and H. Shapiro, Detroit, Mich., assignors to the United States of America as represented by the Executive Secretary of the Office of Scientific Research and Development. Deleading gasoline. 2,390,988; Dec. 18.
Calkins, Robert S., Los Angeles, Calif. Cribbage board. 2,366,488; Jan. 2.
Calkins, Theodore H., Tacoma, Wash. Spectacle bow. 2,374,649; May 1.
Calkins, Willis A.: *See*—
Torrence, G. W., and Calkins.
Callaghan, George H., assignor to John H. Glover, Chicago, Ill. Device for cutting linoleum and the like. 2,383,368; Aug. 21.
Callaghan, Robert W., Keokuk, Iowa, and G. W. Elverum, Minneapolis, Minn., assignors to General Mills, Inc. Starch-gluten separation. 2,388,902; Nov. 13.
Callander, Marshall E., Columbia, Mo. Manufacture of mineral wool. 2,382,290; Aug. 14.
Callander, Marshall E., Columbia, Mo. Atomizing apparatus. 2,387,118; Oct. 16.
Callaway, John R., Fishkill, and W. E. Skelton, Beacon, assignors to The Texas Company, New York, N. Y. Isomerization of hydrocarbons. 2,367,333; Jan. 16.
Callaway, John R., Teaneck, N. J., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon fractions. 2,381,256; Aug. 7.
Callaway Mills: *See*—
Parker, Samuel P., assignor.
Callender's Cable & Construction Company: *See*—
Vincent, Russell S., assignor.
Callender's Cable & Construction Company, Limited: *See*—
Hunter, P. V., Allcock, and Fairfield, assignors.
Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 2,384,810; Sept. 18.
Calleson, Edgar A.: *See*—
Calleson, Amos and E. A.
Callis, Geoffrey T.: *See*—
Murphy, A. J., and Callis.
Callite Tungsten Corporation: *See*—
Kurtz, Jacob, assignor.
Kurtz, J., Waldie, and Spina, assignors.
Lowitt, Rudolf, assignor.
Calpat Corporation, The: *See*—
Bodine, Albert G., Jr., assignor.
Caltabiano, Robert, Bayside, Long Island, N. Y. Shoe and outsole therefor. 2,369,531; Feb. 13.
Calumet and Hecla Consolidated Copper Company: *See*—
Clifford, George E., assignor.
Hill, Walter P., assignor.
Calva, Jose B., St. Paul, Minn. Lubricating and penetrating oil. 2,389,608; Nov. 27.
Calva, Jose B., St. Paul, Minn. Hair treatment. 2,390,073; Dec. 4.
Calvert, Willard R., Burnham, and B. E. White, Lewistown, Pa., assignors to American Viscose Corporation, Wilmington, Del. Gas testing method and apparatus. 2,382,381; Aug. 14.
Calvert, William: *See*—
Mehline, E. O., and Calvert.
Calvin, Forrest O., Kansas City, Mo., W. G. Wilson, Merriam, Kans., and T. R. Smith, Newton, Iowa, assignors to Movie-Mite Corporation Kansas City, Mo. Film actuating mechanism. 2,377,756; June 5.
Calvin, Forrest O., Kansas City, Mo., W. G. Wilson, Merriam, Kans., and T. R. Smith, Newton, Iowa, assignors to Movie-Mite Corporation, Kansas City, Mo. Motion-picture apparatus. 2,384,597; Sept. 11.
Camalier, R. F., et al.: *See*—
Carruth, Donald D., assignor.
Cambridge Rubber Company: *See*—
Bingham, George H., Jr., assignor.

Camelford, James A.: *See*—
Burwell, A. W., and Camelford.
Camelford, James A., Cleveland, Ohio, assignor to Buckeye Laboratories Corporation. Sterilization of water for drinking purposes. 2,374,805; May 1.
Cameron, Alexander S., assignor to W. J. Cameron, Chicago, Ill. Foot visualizer. 2,382,131; Aug. 14.
Cameron, Allan M., River Forest, and V. Lelinski, assignors to Cameron Can Machinery Co., Chicago, Ill. Can testing machine. 2,387,743; Oct. 30.
Cameron Can Machinery Co.: *See*—
Cameron, A. M., and Lelinski, assignors.
Cameron, Daniel D., San Francisco, Calif. Newspaper vending machine. 2,366,592; Jan. 2.
Cameron, Daniel D., San Francisco, Calif. Newspaper vending machine. 2,382,959; Aug. 21.
Cameron, Donald H., Racine, Wis., assignor to B. D. Eisendrath Tanning Co., Chicago, Ill. Automatic recorder. 2,366,383; Jan. 2.
Cameron, Donald W.: *See*—
Cameron, Robert L., and D. W. Yerkovich, S., Sherman, and Cameron.
Cameron, Everett S., Tottenville, Staten Island, N. Y. Fuel injector system. 2,369,134; Feb. 13.
Cameron, Fred H., assignor to Aero Supply Mfg. Co., Inc., Corry, Pa. Drilling jig. 2,380,291; July 10.
Cameron, Harold M., Hightland Park, N. J. Audible signal. 2,375,281; May 8.
Cameron Iron Works: *See*—
Allen, Herbert, assignor.
Cameron Iron Works, Inc.: *See*—
Allen, Herbert, assignor.
Cameron, James E.: *See*—
Van Buren, Charles J., assignor.
Cameron Machine Company: *See*—
Stocker, William M., assignor.
Cameron, William J.: *See*—
Cameron, Alexander S., assignor.
Sheiffele, Arthur L., assignor.
Cameron, William P., Washington, D. C. Clasp for envelopes and the like. 2,373,380; Apr. 10.
Cameron, Robert L., and D. W., Chino, Calif. Folding propeller. 2,369,276; Feb. 13.
Camfield, Emery L., St. Louis, Mo. Valve mechanism for steam engines. 2,373,537; Apr. 10.
Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,369,015; Feb. 6.
Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,369,135; Feb. 13.
Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,382,857; Aug. 14.
Caminez, Harold, Williamsport, Pa., assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Forming wire coils. 2,371,674; Mar. 20.
Camloc Fastener Corporation: *See*—
Allen, R. W., assignor.
Barlow, William H., assignor.
Cannova, George, assignor.
Kane, David S., assignor.
Summers, J. Mills, assignor.
Cammack, Clifton C., Algonquin, Ill., assignor to Barlow & Seelig Manufacturing Company, Ripon, Wis. Wringer. 2,371,380; Mar. 13.
Camner, Hilding G., Ektorp, assignor to Aktiebolaget Atlas Diesel, Stockholm 1, Sweden. Meanes for controlling the fuel supply in two-stroke internal-combustion engines. 2,374,411; Apr. 24.
Camner, Hilding G., Ektorp, assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Fuel injecting means for internal-combustion engines. 2,380,148; July 10.
Camp, John F.: *See*—
Cuyler, R. H., and Goeth, assignors.
Campagnano, Leo, Rockaway Park, N. Y. Resilient tire and wheel provided therewith. 2,369,016; Feb. 6.
Campau, Lawrence M., Detroit, Mich. Watch and clock regulator. 2,380,292; July 10.
Campbell, A. S., Co., Inc.: *See*—
Davis, Hubert E., assignor.
Hill, Hillary L., assignor.
Campbell, Alvin A., Hackettstown, N. J. Window. 2,377.863; June 12.
Campbell, Alvin A., Hackettstown, N. J. Automatic loading machine. 2,388,250; Nov. 6.
Campbell, Alvin R., San Mateo, Calif. Hatch cover construction. 2,379,623; July 3.
Campbell, Anna L., Feasterville, Pa. Illuminated umbrella. 2,372,471; Mar. 27.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Multiservice ballast car. 2,373,538; Apr. 10.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Draft mechanism for railway cars. 2,390,496; Dec. 11.
Campbell, Claude M., Schenectady, N. Y., assignor to General Electric Company. Noise suppression circuits. 2,372,934; Apr. 3.
Campbell, David J.: *See*—
Hammond, E. B., and Campbell.
Campbell, Donald J., Spring Lake, Mich. Artillery bomb. 2,375,522; May 8.
Campbell, Donald L.: *See*—
Hillman, C. A., and Campbell.
Campbell, Donald L., Roselle Park, N. J., assignor to Standard Oil Development Company. Catalytic cracking. 2,386,032; Oct. 2.
Campbell, Donald L., Short Hills, and H. Z. Martin, Roselle, N. J., assignors to Standard Oil Development Company. Heat exchange in chemical processes. 2,371,381; Mar. 13.
Campbell, Edward D., Brunswick, Ga. Cooking utensil. 2,374,583; Apr. 24.
Campbell, Ernest F.: *See*—
Stanton, A. J., and Campbell.
Campbell, Erwin A.: *See*—
Woolslayer, H. J., Campbell, and Jenkins.
Campbell, Frank D., Chicago, Ill. Transmission for vehicles. 2,377,400; June 5.
Campbell, Frank L., and W. C. Fernelius, Columbus, Ohio. Insecticide compound and dispensing an insecticide. 2,381,257; Aug. 7.
Campbell, Frederick G., and E. L. Robinson, Apollo, Pa. Production of soft cold reduced steel. 2,377,922; June 12.
Campbell, George D., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for refining glass. 2,384,073; Sept. 4.
Campbell, George D., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Construction for glass melting tanks. 2,387,880; Oct. 30.
Campbell, Harold C., and H. D. Thomas, Delaware, Ohio. Fowl-plucking apparatus or the like. 2,376,120; May 15.
Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative wing aircraft. 2,375,465; May 8.
Campbell, Hugh P., Dallas, Tex. Metal bottom bag. 2,377,311; June 5.
Campbell, Ivan D., Kansas City, Kans. Internal-combustion engine. 2,372,472; Mar. 27.
Campbell, James R., Ontario, Calif., assignor to General Electric Company. Flatiron. 2,385,606; Sept. 25.
Campbell, James T., Detroit, Mich. Enlarging and reducing camera. 2,376,416; May 22.
Campbell, James T., Detroit, Mich. Plate whirler. 2,386,591; Oct. 9.
Campbell, James T., Detroit, Mich. Lithographic plate making apparatus. 2,390,497; Dec. 11.
Campbell, John B., Detroit, Mich. Hand grenade. 2,377,207; May 29.
Campbell, John G., Houston, and R. H. Fash, assignors to R. H. Fash, Trustee, Fort Worth, Tex. Petroleum exploration. 2,367,664; Jan. 23.
Campbell, John H., and J. O. Aicher, Cleveland Heights, Ohio, assignors to General Electric Company. Current-limiting control for electric discharge devices. 2,368,410; Jan. 30.
Campbell, John S., and W. Brown, Melbourne, and G. A. Douglas, Mount Brydges, Ontario, Canada. Egg grading machine. 2,381,035; Aug. 7.
Campbell, Julian A., Long Beach, Calif. Boiler feed water regulation. 2,376,029; May 15.
Campbell, Lee, Hackensack, N. J. Producing stringer tapes for slide fasteners. 2,380,939; Aug. 7.
Campbell, Leon W., Hendersonville, N. C. Picker. 2,387,384; Oct. 23.
Campbell, Lyman B., Waterbury, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Machine for forming and welding chains. 2,371,280; Mar. 13.
Campbell, Lyman B., Waterbury, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Link and chain forming mechanism. 2,372,473; Mar. 27.
Campbell, Mary A., et al.: *See*—
Prout, Arthur L., assignor.
Campbell, Paul J., South Glastonbury, Conn., assignor to United Aircraft Corporation, East Hartford, Conn. Exhaust nozzle. 2,372,058; Mar. 20.
Campbell, Phillip, Whittier, Calif. Apparatus for casting metals. 2,369,277; Feb. 13.
Campbell, Richard D., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Self-priming pump. 2,391,769; Dec. 25.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,377,672; June 5.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,390,203; Dec. 4.
Campbell, Richard L., Maywood, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Synchronizer for oscillators. 2,389,025; Nov. 13.
Campbell, Robert A., Ann Arbor, Mich. Bench back. 2,383,041; Aug. 21.
Campbell, Rodney B., North Hollywood, assignor to J. Eley, Jr., Los Angeles, Calif. Hydraulic brake system for motor vehicles. 2,375,750; May 15.
Campbell, Samuel J., assignor of one-half to Hudson Sharp Machine Company, Green Bay, Wis. Web rewinding machine. 2,366,999; Jan. 9.
Campbell Soup Company: *See*—
Souder, Philip W., assignor.
Campbell-Taggart Research Corporation: *See*—
Selman, R. W., Jr., and Myers, assignors.
Campbell, Thomas P., et al.: *See*—
Wright, Marcus G., assignor.

Campbell, Thomas P., Denver, Colo. Treatment of titaniferous ores. 2,366,177; Jan. 2.
Campbell, Vernon H., Polo, assignor of one-half to O. J. Adams, Kingston, Mo. Train order holder. 2,377,312; June 5.
Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Producing hydroxylated dehydroabietic acid compounds. 2,367,000; Jan. 9.
Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Producing amino derivitives of dehydroabietic acid compounds. 2,367,001; Jan. 9.
Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Composition of matter and producing. 2,367,002; Jan. 9.
Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Stabilizing rosin. 2,373,290; Apr. 10.
Campi, George L., Portland, Oreg. Collar and cuff starching machinery. 2,370,617; Mar. 6.
Campfens, Cornelis J., and H. Dalstra, Middelharnis, Netherlands; vested in the Alien Property Custodian. Device for expelling the contents of collapsible tubes. 2,379,475; July 3.
Campodonico, John J., Stockton, Calif. Multispeed gear transmission. 2,386,540; Oct. 9.
Campodonico, John J., Stockton, Calif. Multispeed gear transmission. 2,386,541; Oct. 9.
Campos, Ralph, Spreckles, Calif. Safety device. 2,377,070; May 29.
Camps, Edmund P., Brookline, Mass., assignor to Automatic Register Company, Hoboken, N. J. Pass system. 2,366,436; Jan. 2.
Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recorder and drive therefor. 2,369,017; Feb. 6.
Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Constant speed drive for magnetic recorders. 2,372,810; Apr. 3.
Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Safety timing mechanism for magnetic recorders. 2,381,036; Aug. 7.
Camzi, Jules P., Geneva, Switzerland. Device for locking the platens of typewriters. 2,386,655; Oct. 9.
Canadian Bridge Company, The: *See*—
Davies, G. V., Parr, and Goodrich, assignors.
Canadian Radium & Uranium Corporation: *See*—
Goldstein, L., and Perrin, assignors.
Perrin, F., and Pregel, assignors.
Rosenblum, Solomon, assignor.
Canady, Buel H., Huntington Park, Calif., assignor of one-half to C. J. Wiley, Winslow, Ariz. Auxiliary spring mounting. 2,384,795; Sept. 18.
Canady, Don, Cleveland, assignor to Dayton Acme Co., Cincinnati, Ohio. Film feeding mechanism. 2,382,772; Aug. 14.
Canavan, Edward J., West Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Bituminous composition and making same. 2,386,592; Oct. 9.
Candee, Allan H., and L. O. Carlsen, assignors to Gleason Works, Rochester, N. Y. Machine for cutting gears. 2,385,330; Sept. 25.
Candor, Robert R., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,378,392; June 19.
Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrostatic vapor condenser. 2,372,314; Mar. 27.
Canetta, John, and C. F. Hammer, Wilkinsburg, assignors to The Westinghouse Electric Air Brake Company, Wilmerding, Pa. Fluid pressure brake apparatus. 2,369,945; Feb. 20.
Cangelosé, Blanche Du B., Lowell, Mass. Combination undergarment. 2,391,770; Dec. 25.
Canister Company, The: *See*—
Di Cosmo, Pasquale V., assignor.
Cann, John A., Bickley, assignor to Turner & Newall Limited, Spotland, Rochdale, England. Curing asbestos-cement pipes. 2,377,480; June 5.
Canning, William P., assignor to American Optical Company, Southbridge, Mass. Lens chuck. 2,381,573; Aug. 7.
Cannon, Albert L.: *See*—
Markwart, E. H., and Cannon.
Cannon, Curtis W., Hartsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Pulverulent materials-handling and storage system. 2,374,584; Apr. 24.
Cannon, Hugh H., Los Angeles, Calif. Crankcase oil purifier. 2,379,864; July 10.
Cannon, James R., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Negative feedback amplifier. 2,380,923; Aug. 7.
Cannon, Jesse A., assignor of one-half to A. J. Witham, Jamestown, N. Dak. Spark arrester. 2,366,314; Jan. 2.
Cannon, Wayne D., Hohokus, and K. A. Browne, Ridgewood, N. J., assignors to Wright Aeronautical Corporation. Fuel priming and deicing means. 2,366,830; Jan. 9.
Cannova, George, Flushing, assignor to Camloc Fastener Corporation, New York, N. Y. Fastener assembly. 2,382,973; Aug. 21.
Cantelo, Herbert R., Writtle, Chelmsford, England, assignor to Radio Corporation of America. Frequency discriminator circuit. 2,374,729; May 1.
Cantin, Eugene J.: *See*—
Pumphrey, Walter H., assignor.
Canton Glass Company: *See*—
Shaw, Harry C., assignor.
Cantor, Sidney M., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Production of dextrose. 2,389,119; Nov. 20.
Cantor, Sidney M., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Production of alkyl glycosides. 2,390,507; Dec. 11.
Cantral, John I., assignor to Deere & Company, Moline, Ill. Hitch device. 2,381,258; Aug. 7.
Cantrell, H., T. Jackson, and W. Howarth, Spondon, near Derby, assignors to British Celanese Limited, London, England. Rope die. 2,366,593; Jan. 2.
Cantrell, Troy L.: *See*—
Smith, H. G., and Cantrell.
Smith, H. G., Cantrell, and Peters.
Cantrell, Troy L., Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of azo-methine compounds. 2,388,903; Nov. 13.
Cape, Arthur T., Santa Cruz, Calif., H. A. Brassert, Washington, Conn., and L. H. Thomas, Columbus, Ohio. Reduction of iron ores and enhancement of gases. 2,379,423; July 3.
Cape, Arthur T., Santa Cruz, Calif., and C. V. Foerster, and H. L. Griswold, Canton, Ohio, assignors to Coast Reduction, Inc., Watsonville, Calif. Method of and apparatus for direct reduction of iron ores. 2,382,395; Aug. 14.
Capen, Harold N.: *See*—
Alford, A., Segerstrom, and Capen.
Capewell, Eugene R., Moorestown, N. J. Tube flaring tool. 2,373,946; Apr. 17.
Capita, Emil R., Flushing, N. Y. Apparatus for applying flux and the like. 2,370,775; Mar. 6.
Capita, Emil R., Flushing, N. Y. Apparatus and method for applying solder. 2,390,498; Dec. 11.
Caplan, Soloman, New York, N. Y., assignor to Harvel Research Corporation. Treating asphalt. 2,383,769; Aug. 28.
Capossela, John C., North Tarrytown, N. Y. Wrist supporter. 2,369,210; Feb. 13.
Cappel, MacDonald and Company: *See*—
Donovan, Edward F., assignor.
Capstaff, John G., G. F. Nadeau, and C. B. Starch, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic stripping film. 2,367,665; Jan. 23.
Capstaff, John G., and O. E. Miller, assignors to Eastman Kodak Company, Rochester, N. Y. Printer for lenticular color films. 2,382,604; Aug. 14.
Caraway, Robert: *See*—
Isenberg, R. A., and Pershing, King, Jr., Patton, and Caraway.
Caraway, William H., Sugar Land, Tex. Producing streamlined models. 2,382,974; Aug. 21.
Carbide and Carbon Chemicals Corporation: *See*—
Bayes, Alfred L., assignor.
Boese, Albert B., Jr., assignor.
Chitwood, Henry C., assignor.
Cook, Gerhard A., assignor.
Curme, George O., Jr., assignor.
Curme, G. O., Jr., Chitwood, and Clark, assignors.
Doolittle, Arthur K., assignor.
Freure, Benjamin T., assignor.
Jehle, Leon P., assignor.
Kiffer, Alfred D., assignor.
Law, G. H., nad Purse, assignors.
Maddock, Bruce H., assignor.
McNamee, R. W., and MacDowell, assignors.
Mills, Edward J., Jr., assignor.
Powell, G. M., III, and McKnight.
Quarles, R. W., and Doolittle, assignors.
Reeder, W. H., III, and Lescisin, assignors.
Schuh, Charles, assignor.
Stoops, W. N., Staff, and Wakefield, assignors.
Toussaint, Walter J., assignor.
Toussaint, W. J., and MacDowell, assignors.
Wickert, J. N., and Freure, assignors.
Wilkes, B. G., and Denison, assignors.
Wilson, Alexander L., assignor.
Yngve, Victor, assignor.
Carbide and Chemicals Corporation: *See*—
Cogan, H. D., and Quarles, assignors.
Patton, Carl W., assignor.
Carboloy Company, Inc.: *See*—
Engle, Edgar W., assignor.
Carbonneau, Gordon S., Park Ridge, assignor to Utah Radio Products Company, Chicago, Ill. Tension control device. 2,388,121; Oct. 30.
Carborundum Company, The: *See*—
Ball, A. L., and Walker, assignors.
Baumann, H. N., Jr., and Benner, assignors.
Baumann, H. N., Jr., and Wooddell, assignors.
Baumgartner, Richard A., assignor.
Clapp, C. P., and Johnson, assignors.
Hediger, E., and Schildhauer, assignors.
Martin, H. C., and Upper, assignors.
Melton, Romie L., assignor.
Melton, R. L., and Thompson, assignors.

Carborundum Company, The: *See*—Continued
Patt, Leon A., assignor.
Robie, N. P., and Mahlman, assignors.
Scutt, Arthur G., assignor.
Sharpe, Donald B., assignor.
Smith, Robert L., assignor.
Tone, F. J., Mahlman, and Brown, assignors.
Upper, Frederick A., assignor.
Card, William C., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Liquid applying machine. 2,371,424; Mar. 13.
Card, William C., Jr., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Welt shoe press. 2,375,346; May 8.
Card, William C., Jr., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Making shoes. 2,377,208; May 29.
Card, William C., Winthrop, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Sole roughing machine. 2,388,384; Nov. 6.
Cardinal Products Inc.: *See*—
Schmitt, George P., assignor.
Cardona, Carlos J.: *See*—
Berns, Dan S., and Cardona.
Cardoza, Antone J., San Francisco, Calif. Cumulative sheet binder. 2,381,204; Aug. 7.
Cardozo, Peter S., Washington, D. C. Educational toy. 2,384,280; Sept. 4.
Carew, Herman, Easton, Pa., assignor to Dixie Cup Company. Paper container. 2,378,750; June 19.
Carew, Herman, assignor to Dixie Cup Company, Easton, Pa. Adjustable closed or sealed container. 2,383,290; Aug. 21.
Carey, Leroy J., Lakewood, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Sealing unit. 2,368,744; Feb. 6.
Carey, Philip, Manufacturing Company, The: *See*—
Fasold, George A., assignor.
Fasold, G. A., and Greider, assignors.
Marc, Henri M., assignor.
Marc, H. M., and Greider, assignors.
Pfohl, A. J., and Wood, assignors.
Steffens, W. L., and Whitaker, assignors.
Whitaker, Laurence E., assignor.
Carey, Woodrow, Philipsburg, Mont. Hoist. 2,373,455; Apr. 10.
Cargill, Alexander, West Palm Beach, Fla. Air propelled vehicle. 2,388,307; Nov. 6.
Cargill, Incorporated: *See*—
Hirsch, Sabine, assignor.
Carkonen, Victor D., Seattle, Wash. Hot and cold water mixer. 2,367,482; Jan. 16.
Carl, Marvin H., Weldon Spring, Mo., assignor to Atlas Powder Company, Wilmington, Del. Top separation of nitrotoluene. 2,383,707; Aug. 28.
Carlberg, August E., assignor, by mesne assignments, to F. Allan Blomstrom, Worcester, Mass. Extensible hand tool. 2,382,291; Aug. 14.
Carlberg, Per A., C. G. Hård af Segerstad, and S. R. Ryhagen, Sandviken, Sweden. Treating a rollable material to produce sheets or bands having longitudinally decreasing or increasing thickness. 2,378,464; June 19.
Carleton, Henry, Washington, D. C. Thyratron inverter. 2,390,508; Dec. 11.
Carleton, Robert A., New York, N. Y. Treating glyceride oils of the unsaturated ester type. 2,367,666; Jan. 23.
Carlile, Amos B., Indianapolis, Ind. Educational test machine. 2,373,164; Apr. 10.
Carlile & Doughty, Incorporated: *See*—
Carlile, Frank S., assignor.
Carlile, Frank S., Abington, assignor to Carlile & Doughty, Incorporated, Conshohocken, Pa. Battery jar. 2,385,127; Sept. 18.
Carlile, Lee E., San Francisco, Calif. Relaxing bench. 2,382,542; Aug. 14.
Carlin, Alexander: *See*—
Lind, A. C., and Carlin.
Carlin, Robert T.: *See*—
Vaala, G. T., and Carlin.
Carlin, Theodore F.: *See*—
Merrill, G. L., Carlin, and Batorski.
Carlisle, Richard W., Greenburgh, N. Y. Eyeglasses. 2,390,825; Dec. 11.
Carlisle, William A., Sr.: *See*—
Goss, Worth C., assignor.
Carliss, Oswald S., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Play eliminative recording mechanism. 2,382,132; Aug. 14.
Carliss, Oswald S., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Multiple capacity weighing scale. 2,387,242; Oct. 23.
Carliss, Oswald S., and C. G. Roper, Fairfield, assignors, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Variable speed-and-direction operated pilot finder. 2,391,123; Dec. 18.
Carlsen, Leonard O.: *See*—
Candee, A. H., and Carlsen.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,378,980; June 26.
Carlsen, Leonard O., assignor to Gleason Works, Rochester, N. Y. Machine for producing gears. 2,385,331; Sept. 25.
Carlsmith, Leonard E., and H. J. Ogorzaly, Baton Rouge, La., assignors to Standard Oil Development Company. Reactivation of catalyst. 2,382,382; Aug. 14.
Carlson, Adolphe E., Glendale, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Film exposing apparatus. 2,387,881; Oct. 30.
Carlson, Artie C., assignor to Bremacc Corporation, Detroit, Mich. Machine tool. 2,375,074; May 1.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro caging device. 2,369,278; Feb. 13.
Carlson, Bert G., Erieside, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Riveting apparatus. 2,370,776; Mar. 6.
Carlson, Bert G., Erieside, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Blind rivet hand tool. 2,370,840; Mar. 6.
Carlson, Bert G., Erieside, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Directional gyro. 2,378,829; June 19.
Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro wheel and driving same. 2,380,578; July 31.
Carlson, Bert G., Bellerose, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Homing auto pilot for aircraft. 2,372,184; Mar. 27.
Carlson, Bert G., Gates Mills, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Tow glider position indicator. 2,386,884; Oct. 16.
Carlson, Carl A., assignor to Norton Company, Worcester, Mass. Wire grinding machine. 2,383,927; Aug. 28.
Carlson, Chester A., Delavan, and W. R. Butler, Milwaukee, Wis.; said Butler assignor to Aluminum Company of America, Pittsburgh, Pa.; said Carlson assignor to George W. Borg Corporation, Delavan, Wis. Bearings for clocks, watches, and precision instruments. 2,369,338; Feb. 13.
Carlson, Chester F., New York, N. Y., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug electrode construction. 2,391,457; Dec. 25.
Carlson, Chester F. Jackson Heights, N. Y., and E. F. Holt and R. F. Huddleston, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Welding electrode holder. 2,374,979; May 1.
Carlson, Drexel T.: *See*—
Andalikiewicz, B. A., Hagstrom, and Carlson.
Carlson, Ellsworth E.: *See*—
Searles, H., Griffis, and Carlson.
Carlson, George C., Chicago, Ill. Savings bank. 2,389,716; Nov. 27.
Carlson, George W., assignor to Robert H. McClintic, Pittsburgh, Pa. Control valve for automatic typewriters. 2,267,714; Jan. 23.
Carlson, George W., assignor to Robert H. McClintic, Pittsburgh, Pa. Record driving mechanism for pneumatic actions. 2,377,323; June 5.
Carlson, George W., Bridgeville, assignor to Burrell Technical Supply Company, Pittsburgh, Pa. Manifold support for gas analysis apparatus. 2,391,390; Dec. 25.
Carlson, Gustaf H., Pearl River, and C. N. Hotchkiss, Spring Valley, assignors to Lederle Laboratories, Inc., New York, N. Y. Preparation of beta-alanine. 2,377,401; June 5.
Carlson, Gustaf H., and S. R. Safir, Pearl River, assignors to Lederle Laboratories, Inc., New York, N. Y. Preparation of calcium pantothenate. 2,390,499; Dec. 11.
Carlson, Gustave A., Detroit, Mich. Automatic abrading machine. 2,377,991; June 12.
Carlson, Gustave A., Detroit, Mich. Automatic turret grinding or polishing machine. 2,377,992; June 12.
Carlson, Harrison C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating sulphur dioxide and chlorine by distillation. 2,381,876; Aug. 14.
Carlson, Harry: *See*—
Loveridge, G. T., and Carlson, assignors.
Saslaw, O., and Carlson.
Carlson, John W., assignor to Automatic Canteen Company of America, Chicago, Ill. Multiple magazine loading mechanism for cup dispensers. 2,371,150; Mar. 13.
Carlson, Lawrence, Bloomfield, N. J., assignor to Texaco Development Corporation, New York, N. Y. Treatment of hydrocarbon oils. 2,368,704; Feb. 6.
Carlson, Lawrence, Bloomfield, assignor to The Gray Processes Corporation, Jersey City, N. J. Revivifying catalytic material. 2,370,713; Mar. 6.
Carlson, Neal K., Mill Hall, Pa., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Apparatus for applying coating material. 2,378,184; June 12.
Carlson, Phillip R.: *See*—
Clark, N. C., and Carlson.
Carlson, Ralph R., St. Paul, Minn. Meter testing instrument support. 2,390,640; Dec. 11.
Carlson, Raymond A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,366,594; Jan. 2.
Carlson, Raymond A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,391,124; Dec. 18.
Carlson, Roy W.: *See*—
Billner, K. P., and Carlson.
Carlson, Sigurd R.: *See*—
Van Patten, John W., assignor.
Carlson, Stanley H., Seattle, Wash., assignor, by mesne assignments, to Flex-Weld Corporation. Welder's hood. 2,386,656; Oct. 9.

Carlson, Sven R., Floral Park, N. Y. Turret lathe spindle center and stop. 2,376,344; May 22.
Carlson, Theodore E., Cumberland, Md., assignor to Celanese Corporation of America. Warping machine. 2,382,465; Aug. 14.
Carlson, Vernon E., Short Hills, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,374,413; Apr. 24.
Carlson, Vernon E., Short Hills, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,385,792; Oct. 2.
Carlson, Vernon E., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 2,375,212; May 8.
Carlson, Vernon E., Cranford, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Tool for making electrical connections. 2,382,292; Aug. 14.
Carlson, Warner W.: *See*—
Stahly, G. L., and Carlson.
Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna system. 2,368,286; Jan. 30.
Carlson, Wendell L., Haddon Heights, N. J., assignor to Radio Corporation of America. Variable permeability tuning device. 2,370,714; Mar. 6.
Carlson, William A.: *See*—
Keene, W. L., and Carlson.
Carlson, William A., assignor to Superior Steel Corporation, Pittsburgh, Pa. Bimetallic billet and preparation and rolling thereof. 2,386,091; Oct. 2.
Carlstein, Olof W., assignor to Aktiebolaget Aerotransport, Stockholm, Sweden. Apparatus for determining unbalance in rotors. 2,381,645; Aug. 7.
Carlstrom, Carl F., assignor to Worcester Stamped Metal Company, Worcester, Mass. Lock nut. 2,378,684; June 19.
Carlton, Clinton Arbie, assignor to J. M. Huber Corporation, Borger, Tex. Printing ink. 2,384,236; Sept. 4.
Carlton, Frank, Los Angeles, Calif. Antibackflow and antisiphonage valve. 2,389,412; Nov. 20.
Carlton, Frank, Los Angeles, Calif. Preventing backflow or back-siphonage in a pressure system. 2,389,413; Nov. 20.
Carlton, Henry D.: *See*—
Broome, J. C., and Carlton.
Carlton Machine Tool Company, The: *See*—
Keeling H., and Mummert, assignors.
Carlton, Richard P., St. Paul, Minn., assignor to Minnesota Mining & Manufacturing Company, Wilmington, Del. Manufacture of abrasives. 2,370,636; Mar. 6.
Carlton, Richard P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Manufacture of abrasives. 2,376,342; May 22.
Carlton, Richard P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Manufacture of abrasives. 2,376,343; May 22.
Carlton, Richard P., and T. J. Miller, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coating, particularly for manufacture of abrasives. 2,371,605; Mar. 20.
Carlu, Anne N., New York, N. Y. Three-in-one garment. 2,382,396; Aug. 14.
Carman, Everett F., Rutherford, N. J., and W. Reil, assignors to Interchemical Corporation, New York, N. Y. Printing ink. 2,385,793; Oct. 2.
Carmichael, James B., Seattle, Wash. Railroad tie. 2,370,715; Mar. 6.
Carmichael, Ogden, assignor to I. F. Laucks, Inc., Seattle, Wash. Coating and preparing same. 2,375,195; May 8.
Carmody, Don R., Newton, Iowa, assignor to Standard Oil Company, Chicago, Ill. Knock-resistant motor fuel. 2,391,084; Dec. 18.
Carmody, Don R., Newton, Iowa, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Motor fuel synthesis. 2,384,796; Sept. 18.
Carmody, William H., Springfield, Ohio, assignor to Pennsylvania Industrial Chemical Corporation, Clairton, Pa. Terpene resins. 2,391,293; Dec. 18.
Carnaghan, Edwin D. and F., Los Angeles, Calif. Balanced rudder. 2,369,279; Feb. 13.
Carnaghan, Frank: *See*—
Carnaghan, Edwin D. and F.
Carnagua, Harold E., and D. W. Kelbel, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Control mechanism for transmissions. 2,368,801; Feb. 6.
Carnagua, Harold E., and K. K. Stough, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,384,439; Sept. 11.
Carnahan, Chalon W., Oak Park, Ill., assignor to Sylvania Electric Products Inc. Light polarizing screen and manufacture. 2,385,687; Sept. 25.
Carnation Company: *See*—
Hankinson, Cloyce L., assignor.
Carnegie-Illinois Steel Corporation: *See*—
Blough, Carl M., assignor.
Brown, William D., assignor.
Buccicone, Dario, assignor.
Collins, Tappan, assignor.
Deans, Robert S., assignor.
Dubsky, John R., assignor.
Egge, Klaus, assignor.
Foss, Ferdinand H., assignor.
Carnegie-Illinois Steel Corporation: *See*—Continued
Gat, John D., assignor.
Greulich, Gerald G., assignor.
Hedges, Don F., assignor.
Hodge, John M., assignor.
Swanson, Albert N., assignor.
Swartz, Frank C., assignor.
Weir, Frank, assignor.
Wells, J. H., and Wilson, assignors.
Wyche, Ernest H., assignor.
Zahutnik, Walter A., assignor.
Carnegie-Illinois Steel Corporation, et al.: *See*—
Grossman, M. A., and Miller, assignors.
Carnes, F. G. and W. D., Au Sable Forks, N. Y. Power saw. 2,383,447; Aug. 28.
Carnes, Wilfred D.: *See*—
Carnes, F. G. and W. D
Carney, Clifford R., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,369,532; Feb. 13.
Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for pelleting carbon black. 2,368,112; Jan. 30.
Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Lubricating and sealing compound. 2,374,650; May 1.
Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization process. 2,378,685; June 19.
Caro, Martin, and G. Lambet, Brussels, Belgium; vested in the Alien Property Custodian. Racquet stringing machine. 2,389,609; Nov. 27.
Carol, James E., Los Angeles, assignor of forty-six and two-thirds per cent to C. B. Jamison, thirty-three and one-third per cent to C. Mason, and twenty per cent to A. E. Wright, Beverly Hills, Calif. Propeller. 2,380,683; July 31.
Carol, Marius, Nay, Basses-Pyrenees, France; vested in the Alien Property Custodian. Rural stove. 2,375,466; May 8.
Caron, Joseph V., Haverhill, Mass. Making heat interchange apparatus. 2,391,615; Dec. 25.
Caron, Louis G., Washington, D. C. Artificial limb. 2,390,919; Dec. 11.
Caron, Louis G., Washington, D. C. Ankle joint. 2,390,920; Dec. 11.
Carpenter, Arley D.: *See*—
Slater, C. A., Carpenter, and Shaw.
Carpenter, Arley D., and E. R. Shaw, Los Angeles, Calif. Hanger. 2,384,158; Sept. 4.
Carpenter, Charles G., Grank Forks, N. Dak. Stretcher. 2,367,167; Jan. 9.
Carpenter, Charles H., Kansas City, Mo. Commodity conveying apparatus. 2,391,125; Dec. 18.
Carpenter Container Corporation: *See*—
Carpenter, Herbert L., assignor.
Carpenter, Erwin L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing aliphatic oxyamines. 2,372,624; Mar. 27.
Carpenter, Erwin L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Purification of acrylonitrile. 2,382,383; Aug. 14.
Carpenter, Frank T., Dearborn, Mich., assignor to Phillips Petroleum Company. Production of synthetic rubber. 2,386,931; Oct. 16.
Carpenter, Fred A., assignor to Berkeley Pump Company, Berkeley, Calif. Self-priming pumping system. 2,380,924; Aug. 7.
Carpenter, Gilbert A., Riverside, Calif. Apparatus for mounting foundations. 2,383,708; Aug. 28.
Carpenter, Herbert L., assignor to Carpenter Container Corporation, Brooklyn, N. Y. Container. 2,382,858; Aug. 14.
Carpenter, Marion S., Nutley, N. J., assignor to Burton T. Bush, Inc., New York, N. Y. 1-methoxy-2-amino-4-nitro-5-methyl-benzene and making the same. 2,381,877; Aug. 14.
Carpenter, Morris T.: *See*—
Kubicek, N. F., and Carpenter.
Carpenter, Morris T., Chicago, Ill., and C. F. Feuchter, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Olefin polymerization process. 2,374,272; Apr. 24.
Carpenter Steel Company, The: *See*—
Post, C. B., and Fetzer, assignors.
Carpenter, Victor W., Franklin, and S. A. Bell and J. E. Heck, assignors to The American Rolling Mill Company, Middletown, Ohio. Production of silicon steel sheet stock having insulative surfaces. 2,385,332; Sept. 25.
Carpentier, Melbourne L.: *See*—
Slack, F. W., and Carpentier.
Carr, Charles E.: *See*—
Bayer, C. E., and Carr.
Carr, Charles M., assignor to R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Chuck handling device. 2,369,280; Feb. 13.
Carr, Clifford E., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing nitro B_z-1: B_z-1′-dibenzanthronyls. 2,374,328; Apr. 24.
Carr, Donald E., assignor to Union Oil Company of California. Los Angeles, Calif. Oxidizing asphalt. 2,370,007; Feb. 20.

Carr, Edward L.: *See*—
Smith, G. E. P., Jr., and Carr.
Carr, Edward L., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization accelerator. 2,381,384; Aug. 7.
Carr, James A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Hanger device. 2,384,440; Sept. 11.
Carr, John J., assignor to The Risdon Manufacturing Company, Naugatuck, Conn. Pin-handling machine. 2,369,660; Feb. 20.
Carr, Joseph W., and T. B. Clarke, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel attaching machine. 2,391,543; Dec. 25.
Carr, Thomas D., Perryman, Md. Electronic control circuit. 2,369,659; Feb. 20.
Carr, Walter E., Spokane, Wash., assignor to Ingersoll-Rand Company, New York, N. Y. Valve for rock drills. 2,369,714; Feb. 20.
Carraine Frank J.: *See*—
Whittell, P., and Carraine.
Carrier Corporation: *See*—
Carrier, Willis H., assignor.
Carrier, Robert M., Jr., Aurora, Ill. Method of and apparatus for conveying. 2,374,663; May 1.
Carrier, Robert M., Jr., Aurora, Ill. Conveying and processing apparatus. 2,374,664; May 1.
Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Valve arrangement. Re. 22,685; Oct. 30.
Carrier, Willis H., assignor to Carrier Corporation, Syracuse, N. Y. Dehumidification methods and means. 2,386,292; Oct. 9.
Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic material. 2,384,598; Sept. 11.
Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic emulsion. 2,373,659; Apr. 17.
Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,380,940; Aug. 7.
Carroll, Charles V., assignor to Wm. Bros. Boiler & Manufacturing Co., Minneapolis, Minn. Shaker grate construction. 2,377,209; May 29.
Carroll, Charles V., assignor to Wm. Bros. Boiler & Manu facturing Co., Minneapolis, Minn. Furnace construc tion. 2,377,210; May 29.
Carroll, Dottie: *See*—
Thaxton, Green O., assignor.
Carroll, G. A., Glendale, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Device for eliminating backlash. 2,385,194; Sept. 18.
Carroll, Guy B., Minneapolis, Minn. Airplane aileron control. 2,381,721; Aug. 7.
Carroll, Louis W., assignor to International Standard Electric Corporation, New York, N. Y. Magnetically biased telephone ringer. 2,380,293; July 10.
Carroll, P. E.: *See*—
Fronk, William E., assignor.
Carroll, William M.: *See*—
Spurlino, P., Carroll, Colley, and Kibler.
Carruth, Donald D., Washington, D. C., assignor of one-half to E. F. Puryear, Silver Spring Md., and J. S. Wynne and R. F. Camalier, Washington, D. C. Running light for airplanes. 2,375,075; May 1.
Carruth, Herman A.: *See*—
Williamson, M. I., and Carruth.
Carruth, Herman A., Northford, Conn., and M. I. Williamson, New York, N. Y., assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,385; Feb. 13.
Carruth, Herman A., Northford, Conn., and M. I. Williamson, New York, N. Y., assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,388; Feb. 13.
Carruth, Herman A., Northford, Conn., and M. I. Williamson, New York, N. Y., assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,390; Feb. 13.
Carruthers, Earl R., Hamilton, Mont. Dual wheel and tire lift. 2,380,415; July 31.
Carson, Arthur, and I. Payne, Richmond, Va., assignors to American Telephone and Telegraph Company. Electrical measuring system. 2,383,770; Aug. 28.
Carson, Boyce G.: *See*—
Kvalnes, D. E., and Carson.
Carson, Clarence M.: *See*—
Thies, H. R., and Carson.
Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Cyclized rubbers. 2,371,736; Mar. 20.
Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilizers. 2,371,737; Mar. 20.
Carson, Clarence M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Producing a coating composition. 2,390,422: Dec. 4.
Carson, Howard, Dayton, Ohio, assignor to Research Corporation, New York, N. Y. Vibration pickup. 2,387,-223; Oct. 16.
Carson, Paul A., Pittsburgh, Pa., assignor to General Electric Company. Lamp changer. 2,367,003; Jan. 9
Carson, William F., Jr., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Preparation of camphene from pinene. 2,382,397; Aug. 14.
Carssow, John F., Los Angeles, assignor to Sam M. Jarvis, Glendale, Ferris I. Palmer, Burbank, and E. Fetschke, Glendale, Calif. Carburetor ice warning gauge. 2,382,365; Aug. 14.
Carstarphen, William P., Denver, Colo., assignor of one-third to L. Willis, South Bend, Ind., and one-third to O. Daniels, Denver, Colo. Amplifying transmitter. 2,386,657; Oct. 9.
Carstens, Fritz A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric welded crankshaft. 2,378,686; June 19.
Carswell, Thomas S., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of resin compositions. 2,378,619; June 19.
Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dichlorobutenes by the chlorination of butadiene. 2,369,117; Feb. 13.
Carter, Albert S., and F. W. Johnson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chlorobutadienes from butane. 2,381,037; Aug. 7.
Carter, Albert S., and A. V. Willett, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation process. 2,381,038; Aug. 7.
Carter, Albert S., Wilmington, Del., and T. G. Webber, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coagulating neoprene dispersions by means of magnesium salts. 2,385,688; Sept. 25.
Carter, Alfred M., Galion, Ohio, assignor to Carter Machine Company, Ltd. Apparatus for lifting and transferring materials. 2,391,224; Dec. 18.
Carter, Alfred W.: *See*—
Winteringham, David F., assignor.
Carter Carburetor Corporation: *See*—
Beuer, Frederick G., assignor.
Brown, Morris C., assignor.
Coffey, Irven E., assignor.
Ericson, George R., assignor.
Hodges, Ralph R., assignor.
Korte, A. C., and Lannert, assignors.
Martin, Charles L., assignor.
Schneider, Edgar R., assignor.
Taylor, Eugene C., assignor.
Wassman, August H., assignor.
Weakley, John F., assignor.
Woods, Herbert A., assignor.
Carter, Charles W., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmission system and apparatus therefor. 2,390,869; Dec. 11.
Carter, Clinton W., Allison Park, Pa. Making liquid extracts. 2,368,113; Jan. 30.
Carter, Clyde C., Dallas, assignor of twenty-five per cent to C. T. Stewart, Baytown, Tex. Activator for wells. 2,386,593; Oct. 9.
Carter, Florence: *See*—
Carter, Frank C., assignor.
Carter, Frank C., San Jose, assignor to F. Carter, Willits, Calif. Tone chamber. 2,368,639; Feb. 6.
Carter, Fred, Tampa, Fla. Two-cycle engine. 2,381,646; Aug. 7.
Carter, George, et al.: *See*—
Bryant, James, assignor.
Carter, George I., Longmeadow, assignor to Harvey-Whipple, Incorporated, Springfield, Mass. Boiler. 2,370,145; Feb. 27.
Carter, George I., Teaneck, assignor to General Oil Heating Corporation, West New York, N. J. Oil-burner construction. 2,390,509; Dec. 11.
Carter, Hobart E., Monahans, assignor of one-third to S. T. Carter, Penwell, and one-third to M. A. Russow, El Paso, Tex. Filter. 2,388,668; Nov. 13.
Carter, Jack W., Winter Haven, Fla., assignor to Fulton Bag and Cotton Mills, Atlanta, Ga. Bag closure. 2,390,423; Dec. 4.
Carter, Joseph M., Baltimore, Md. Welding apparatus. 2,370,716: Mar. 6.
Carter, Latt J., Kannapolis, N. C., assignor to Graton & Knight Company, Worcester, Mass. Checkstrap. 2,371,025; Mar. 6.
Carter, Lavoy, Houston, and J. T. Barrow, San Antonio, Tex.; said Carter assignor to said Barrow. Apparatus for refining crude petroleum. 2,379,563; July 3.
Carter, Leslie F.: *See*—
Braddon, F. D., and Carter.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flight indicator for aircraft. 2,367,667; Jan. 23.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Erection device for gyro verticals. 2,380,941; Aug. 7.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Trim angle indicator. 2,384,452; Sept. 11.
Carter, Leslie F., Leonia, N. J., and F. D. Braddon, Babylon, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyro. 2,366,707; Jan. 9.
Carter Machine Company, Ltd.: *See*—
Carter, Alfred M., assignor.

Carter, Mamie, et al.: *See*—
Bryant, James, assignor.
Carter, Mitchell, Trenton, N. J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Article forming method. 2,367,819; Jan. 23.
Carter, Mitchell, Trenton, N. J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Manufacture of sponge rubber. 2,381,380; Aug. 7.
Carter, Otis L., and T. A. Putnam, Greenville, S. C. Plastic picker stick. 2,389,595; Nov. 27.
Carter, Philip M.: *See*—
Durham, H. N., and Carter.
Carter, Ralph B., Company: *See*—
Carter, Ralph B., Jr., assignor.
Carter, Ralph B., Jr., West Englewood, assignor to Ralph B. Carter Company, Hackensack, N. J. Apparatus for effecting clarification of turbulent liquid by flocculation. 2,382,605; Aug. 14.
Carter, Ray E., assignor to Unit Rig & Equipment Company, Tulsa, Okla. Double port rotary seal. 2,384,281; Sept. 4.
Carter, Robert J. S., Minneapolis, Minn., assignor to Pillsbury Mills, Inc. Impacting machine. 2,378,393; June 19.
Carter, Rolla N., assignor to Eastman Kodak Company, Rochester, N. Y. Lens system. 2,380,216; July 10.
Carter, Samuel C., Los Angeles, Calif. Vehicle. 2,384,441; Sept. 11.
Carter, Samuel C., Los Angeles, Calif. Plug valve. 2,388,827; Nov. 13.
Carter, Samuel C., Los Angeles, Calif. Valve. 2,391,126; Dec. 18.
Carter, Samuel T., et al.: *See*—
Carter, Hobart E., assignor.
Carter, William and G. Winchell, Chicago, Ill. Filter. 2,386,433; Oct. 9.
Carter, William D.: *See*—
Hishon, P. D., Carter, Ravn, and Borchers.
Carter, William W., Kansas City, Mo. Hydraulic brake. 2,371,503; Mar. 13.
Cartledge, William J., Shively, Ky., assignor of one-third to L. C. Du Pont, Wilmington, Del. Woodworking machine. 2,366,831; Jan. 9.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Material handling vehicle. 2,368,114; Jan. 30.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,381,108; Aug. 7.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Gathering and loading machine. 2,381,109; Aug. 7.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,388,385; Nov. 6.
Carton Coolers, Inc.: *See*—
Burdette, Jean R., assignor.
Cartter, William G., and F. E. Wood, Monrovia, Calif. Radiant mantle. 2,368,802; Feb. 6.
Cartwright, Leonard C., New York, assignor to Foster D. Snell, Inc., Brooklyn, N. Y. Polishing composition. 2,374,414; Apr. 24.
Caruso, Cosmo, Brooklyn, and D. Rich, Bronx, N. Y. Tufted and knotted material. 2,366,437; Jan. 2.
Caruso, Vincent, Beltsville, Md., assignor of one-half to A. Murdock, Beaver, Utah. Draftsman's triangle. 2,368,344; Jan. 30.
Caruthers, Jacob S., Rand, W. Va. Bearing guard. 2,383,531; Aug. 28.
Carver, Emmett K., assignor to Eastman Kodak Company, Rochester, N. Y. Antihalation coatings. 2,391,127; Dec. 18.
Carver, Fred S., Short Hills, N. J. Charging presses. 2,373,539; Apr. 10.
Carver, Fred S., Short Hills, N. J. Tamperproof identification card and methods of making the same. 2,373,540; Apr. 10.
Carver, Fred S., Short Hills, N. J. Hydraulic device. 2,379,949; July 10.
Cary, Arthur P., Gainesville, Tex. Piston. 2,367,185; Jan. 16.
Cary, Henry H., South Pasadena, and W. P. Baxter, Pasadena, assignors to National Technical Laboratories, South Pasadena, Calif. Glass electrode and method. 2,366,489; Jan. 2.
Cary, Henry H., South Pasadena, and W. P. Baxter, Pasadena, assignors to National Technical Laboratories, South Pasadena, Calif. Glass electrode and method. 2,383,709; Aug. 28.
Cary, William M.: *See*—
Heywood, V. E., and Cary.
Casablancas High Draft Company Limited: *See*—
Noguera, Joseph, assignor.
Cascante, Hector: *See*—
Trejo, M., and Cascante.
Casco Products Corporation: *See*—
Bahr, Gustave F., assignor.
Conboy, Russell D., assignor.
Case, A. T., Company: *See*—
Lindsey, E. E., assignor.
Case, Bernard C., Detroit, Mich., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Buffing and polishing wheel. 2,384,599; Sept. 11.
Case, Frank P.: *See*—
Monk, G. S., and Case.
Case, J. I., Company: *See*—
Cox, H. G., and Slick, assignors.
Cross, Edgar A., assignor.
Heth, Sherman C., assignor.
Krause, N. R., and Heth, assignors.
Markel, John M., assignor.
Russell, Stanley D., assignor.
Rutter, Alvah E., assignor.
Schill, B. J., and Traphagen, assignors.
Traphagen, Harry R., assignor.
Case, Willard M., Shelter Island Heights, N. Y. Speed reduction gear mechanism. 2,376,900; May 29.
Casella, Secondo L., assignor to Morey Machinery Co., Inc., New York, N. Y. Automatic tool block. 2,390,989; Dec. 18.
Casement Hardware Company, The: *See*—
Andresen, W. A., and Boero, assignors.
Caserta, Michele, Detroit, Mich., assignor to Thompson Products, Inc. Relief and by-pass valve assembly. 2,375,076; May 1.
Caserta, Michele, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. By-pass valve. 2,375,077; May 1.
Casey, Robert T., Forestville, Conn., assignor to International Business Machines Corporation, New York, N. Y. Printing machine. 2,369,433; Feb. 13.
Casey, Terrance B., Ashland, Ky. Closure for vessels. 2,387,978; Oct. 30.
Cash, A. W., Company: *See*—
Klinker, John J., assignor.
Temple, Paul C., assignor.
Terry, Charles M., assignor.
Cashman, Aloysius F.: *See*—
Lieber, E., and Cashman.
Cashon, Raymond C., Indianapolis, Ind. Line of type universal surfacing machine. 2,367,198; Jan. 16.
Casier, Francis D., Massena, N. Y. Light screening eye protection. 2,377,313; June 5.
Casmire, Lyle J., assignor to Margaret D. Schirm, Los Angeles, Calif. Vermiculite bonded product and making the same. 2,366,769; Jan. 9.
Casnati, Lola A., New York, N. Y. Folding container. 2,368,803; Feb. 6.
Casnati, Lola A., New York, N. Y. Sanitary holder for small articles. 2,373,651; Apr. 17.
Caspersz, Maurus L. B. J., Maradana, Colombo, Ceylon. Apparatus for producing radiographs. 2,386,658; Oct. 9.
Cass, N. D., Co., The: *See*—
Haselton, Kenneth E., assignor.
Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorinated phenylene diacetic acids. 2,370,394; Feb. 27.
Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of unsaturated halogenated compounds. 2,374,923; May 1.
Cass, Oliver W., and C. A. Bordner, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of benzoin. 2,372,709; Apr. 3.
Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of unsaturated halogen-containing compounds. 2,379,414; July 3.
Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing paste. 2,376,319; May 15.
Cassel, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Textile printing pastes and textiles produced therefrom. 2,381,878; Aug. 14.
Casselman, Harold L.: *See*—
Ginn, E., and Casselman.
Casson, Nicholas V., New York, N. Y. Ecclesiastical equipment. 2,385,607; Sept. 25.
Castagna, James, New York, N. Y. Curtain and drapery rod. 2,385,608; Sept. 25.
Castaloy Corporation: *See*—
Groehn, Harvey G., assignor.
Castedello, William: *See*—
Schwartz, H., and Castedello.
Schwartz, M., and Castedello.
Castellan, Carl A., assignor to American Viscose Corporation, Wilmington, Del. Textile and making same. 2,389,120; Nov. 20.
Castilonia, Albert T., Yonkers, N. Y. Venetian blind. 2,389,956; Nov. 27.
Castings Patent Corporation: *See*—
Hagemeyer, Henry F., assignor.
Castle, Boyd F., assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Oil burner. 2,389,892; Nov. 27.
Castle, Boyd F., and W. W. Wodell, assignors to The Quincy Stove Manufacturing Company, Quincy, Ill. Oil burner. 2,375,347; May 8.
Castner, James B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration process. 2,385,128; Sept. 18.

Castner, James B., Wilmington, Del., and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of nitro compounds to amines by means of aliphatic hydrocarbons. 2,377,071; May 29.
Castor, Wilbur W., Mount Lebanon, Pa. Flake for decorative and protective coatings. 2,387,243; Oct. 23.
Castro, John, New York, N. Y. Plaster cast remover. 2,374,164; Apr. 24.
Cate, Paul H., New York, N. Y., assignor to Kelco Company, San Diego, Calif. Glassine paper. 2,387,429; Oct. 23.
Caterpillar Tractor Co.: *See*—
Bridwell, J. W., and Jass, assignors.
Eberhard, Harmon S., assignor.
Eberhard, H. S., and Lewis, assignors.
Cates, Joseph S., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Container. 2,378,128; June 12.
Catlin, De Forest B., Wareham, Mass. Apparatus for treatment of the feet. 2,374,730; May 1.
Catlow, William R., Jr., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Complex resinous esters. 2,381,969; Aug. 14.
Cato, Artie Q., Houston, G. Wash, Goose Creek, and A. J. Shmidl, Houston, Tex., assignors to Standard Oil Development Company. Treating and blending heating oils. 2,380,294; July 10.
Catron, Russell M., assignor to Western Cartridge Company, New Haven, Conn. Antirecoil device for firearms. 2,372,315; Mar. 27.
Catt, Otto L., Oakland, Calif. Scissors and shears sharpener. 2,388,039; Oct. 30.
Cattaraugus Cutlery Company: *See*—
Champlin, J. B. F., and Banton, assignors.
Cattell, Albert R.: *See*—
Hamilton, L. A., Moran, and Cattell.
Cattonar, John, Jamaica, and G. Olm, Astoria, Long Island, assignors to Edward Ermold Co., New York, N. Y. Bottle packaging machine. 2,371,026; Mar. 6.
Cattonar, John, Jamaica, and G. Olm, Astoria, Long Island, assignors to Edward Ermold Co., New York, N. Y. Bottle packaging machine. 2,371,027; Mar. 6.
Caughey, Robert A., assignor to University of New Hampshire, Durham, N. H. Molding powder and making same. 2,381,205; Aug. 7.
Cauley, Stephen P., Jackson Heights, and V. L. Shipp, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Recovery of phenolic materials. 2,391,128; Dec. 18.
Caulk, John R., Jr., Ladue, and R. E. Davis, St. Louis, Mo., assignors, by mesne assignments, to C. V. Hill & Company, Inc., Trenton, N. J. Open refrigerated display case. 2,382,937; Aug. 14.
Caulkins, Cecil P., New London, Conn. Projectile. 2,375,893; May 15.
Caulkins, Cecil P., New London, Conn. Depth charge projector. 2,380,023; July 10.
Causer, Herbert W., Weymouth, assignor to Factory Mutual Research Corporation, Boston, Mass. Fog producing device. 2,391,616; Dec. 25.
Cauwenberg, Winfred J., Piney River, and C. A. Tanner, Jr., Amherst, Va., assignors, by mesne assignments, to American Cyanamid Company. Preparing titanium dioxide. 2,389,026; Nov. 13.
Cavallero, Luis J.: *See*—
Jadraque, J. M., and Cavallero, assignors.
Ziegler, M., Visscher, and Cavallero.
Cavallito, Chester J., Rensselaer, N. Y., assignor to Wingfoot Corporation, Akron, Ohio. Packaging. 2,385,257; Sept. 18.
Cavanagh, Gerald F., Euclid, Ohio. Protecting pad for automobile fenders. 2,368,200; Jan. 30.
Cavanaugh, Robert M.: *See*—
Acken, M. F., and Cavanaugh.
Cave, Henry, Hartford, A. H. Fuller, West Hartford, and A. L. Le Febvre, Windsor, assignors to The Fuller Brush Company, Hartford, Conn. Toothbrush tufting machine. 2,374,415; Apr. 24.
Cavert, Edward N., North Hollywood, Calif. Revolving reflector. 2,383,042; Aug. 21.
Cavicchioli, Mario, New York, N. Y. Coffee-making apparatus. 2,366,384; Jan. 2.
Cavicchioli, Mario, New York, N. Y. Safety valve. 2,369,018; Feb. 6.
Cawein, Madison, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Unidirectional power supply. 2,373,165; Apr. 10.
Cawley, Aloysius J., Pittston, Pa. Road engaging means for automobiles or the like. 2,377,923; June 12.
Cawley, John D., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of vitamin E or tocopherols. 2,375,078; May 1.
Ceco Steel Products Corporation: *See*—
Ochiltree, Ned A., assignor.
Cederlund, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread remover for weft replenishing looms. 2,376,229; May 15.
Cederwall, Leonard O., New Orleans, La., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Locking mechanism for doors. 2,375,196; May 8.
Cefoil Limited: *See*—
Speakman, John B., assignor.
Celanese Corporation of America: *See*—
Andersen, B., and Schweizer, assignors.
Andersen, B., and Strasdin, assignors.
Bludworth, Joseph E., assignor.
Bludworth, J. E., and Flower, assignors.
Bludworth, J. E., and Jeffries, assignors.
Burns, Robert, assignor.
Carlson, Theodore E., assignor.
Croft, C. M., and Hindle, assignors.
Dreyfus, Henry, assignor.
Dreyfus, H., Finlayson, and Taylor, assignors.
Elvin, W. J., and Steiding, assignors.
Finlayson, D., and Hale, assignors.
Gibbs, B. C., and Roughsedge, assignors.
Glass, Louis, assignor.
Haney, C. I., and Martin, assignors.
Haney, C. I., Martin, and McGoury, assignors.
Hays, Claude H., assignor.
Hill, F. B., and Kimpton, assignors.
Horback, William, assignor.
Horback, W., and Paist, assignors.
Jacobs, Donald H., assignor.
Lyem, Arthur, assignor.
Martin, M. E., and Andrews, assignors.
Moncrieff, R. W., and Bates, assignors.
Moncrieff, R. W., and Wheatley, assignors.
Olpin, H. C., and Argyle, assignors.
Parker, F. A., and Ancliff, assignors.
Pecker, J. S. Simpson, and Kirshner, assignors.
Plunkett, Brian, assignor.
Plunkett, B., and Scheib, assignors.
Rainalter, Herman, assignor.
Roberts, R. P., Johnson, and Young, assignors.
Schneider, G., and Martin, assignors.
Schweizer, Ernest, assignor.
Seymour, G. W., and Brooks, assignor.
Seymour, G. W., Martin, and Rowley, assignors.
Seymour, G. W., and Miller, assignors.
Seymour, G. W., and Pull, assignors.
Seymour, G. W., and Salvin, assignors.
Seymour, G. W., and White, assignors.
Smith, Harry E., assignor.
Stearn, William T., assignor.
Taylor, William I., assignor.
Thomas, Edward B., assignor.
Whitehead, William, assignor.
Willens, Robert A. A., assignor.
Wylde, J. R., and Perry, assignors.
Celon Company, The: *See*—
Ford, Joseph C., assignor.
Celotex Corporation, The: *See*—
Adams, Floyd W., assignor.
Burt, George H., assignor.
Elmendorf, Armin, assignor.
Muench, C. G., and Burt, assignors.
Central Aircraft Corporation: *See*—
Berkow, Murray, assignor.
Berkow, M., and Mullen, assignors.
Mullen, Charles F., assignor.
Central Foundry Company, The: *See*—
Nolan, John J., Jr., assignor.
Central Mine Equipment Co.: *See*—
Stogsdill, Sherman L., assignor.
Central National Bank of Cleveland, trustee: *See*—
Hopping, John E., assignor.
Central Railway Signal Company: *See*—
Edmands, John W., assignor.
Centriline Corporation: *See*—
Perkins, Albert G., assignor.
Century Motors Corporation: *See*—
Dusevoir, Julius, assignor.
Century Projector Corporation: *See*—
Boecking, Ewald, assignor.
Cerny, Elmer J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treatment of cotton fibers. 2,387,058; Oct. 16.
Cerny, Joseph A., University Heights, and J. Converse, East Cleveland, assignors to The Bryant Heater Company, Cleveland, Ohio. Gas igniter. 2,384,797; Sept. 18.
Certain-Teed Products Corporation: *See*—
Croce, Michele, assignor.
Hahn, Leonard E., assignor.
Hoggatt, Gilbert A., assignor.
Knapp, George, assignor.
Certified Gas Equipment Company: *See*—
Pratt, Best, assignor.
Certified Tool & Die Co.: *See*—
Donegan, William E., assignor.
Chace, Paul G., Attleboro Falls, assignor to Metals & Controls Corporation, Attleboro, Mass. Corrosion-resisting composite metal. 2,366,178; Jan. 2.
Chace, Thomas B., assignor to The Dole Valve Company, Chicago, Ill. Drink dispenser. 2,383,771; Aug. 28.
Chaddock, Clarence F., Los Angeles, Calif. Blade guide for motor-driven circular hand saws. 2,377,673; June 5.
Chaddock, Clarence F., Los Angeles, Calif. Expansion bit. 2,378,830; June 19.
Chadeloid Chemical Company: *See*—
Murphy, Dean, assignor.
Chadwell, Paul A., Washington, D. C. Depicting device. 2,385,347; Sept. 25.

Chafee, Earl W., New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Fire control system for aircraft guns. 2,385,348; Sept. 25.
Chafee, Earl W., New York, N. Y., and H. C. Van Auken, Bloomfield, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Bomb sight. 2,371,606; Mar. 20.
Chafee, Earl W., New York, N. Y., and B. A. Wittkuhns, Summit, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Antiaircraft fire control predictor. 2,378,910; June 26.
Chagnon, Alexander J.: *See*—
Sheetz, E. P., and Chagnon.
Chain Belt Company: *See*—
Ball, Charles F., assignor.
Ball, C. F., and Viall, assignors.
Harris, S. C., and Greifenhagen, assignors.
Klaucke, H., and Davis, assignors.
Klein, Robert E., assignor.
Lind, A. C., and Stuller, assignors.
Longnecker, Charles I., assignor.
McKnight, Lynn B., assignor.
McMillan, Andrew, assignor.
Chalkley, Lyman, Erick Township, Ocean County, N. J. Aminotriphenylacetonitrile and making it. 2,366,179; Jan. 2.
Challis, Kenneth J., assignor to Ilford Limited, Ilford, England. Photographic coating layer. 2,372,935; Apr. 3.
Challis, Thomas F.: *See*—
Robinson, H. C., and Challis.
Chamberlain, Chester A., Brooklyn, N. Y. Gaseous fuel control. 2,373,381; Apr. 10.
Chamberlain, Francis, Arlington, Mass. Celestial navigation instrument. 2,378,981; June 26.
Chamberlain, Frederic W., assignor to The Warren Featherbone Co., Three Oaks, Mich. Stiffening material. 2,379,881; July 10.
Chamberlain, Harold L.: *See*—
Wanamaker, E. M., Cromwell, and Chamberlain, assignors.
Chamberlain, Inc.: *See*—
Francis, John G., assignor.
Chamberlain, Joseph W., Zeeland, Mich. Refrigerator. 2,380,901; July 31.
Chamberlain, Leonard C., assignor to The Dow Chemical Company, Midland, Mich. Producing a sealing deposit in a well bore. 2,378,687; June 19.
Chamberlain, Lydia, assignor to The Warren Featherbone Co., Three Oaks, Mich. Infant carrier. 2,376,657; May 22.
Chamberlin Company of America: *See*—
Pillsbury, Howard G., assignor.
Chamberlin Metal Weather Strip Company: *See*—
Breitenbach, R. H., and Willett, assignors.
Chambers, A. Leslie, et al.: *See*—
Wahl, John C., assignor.
Chambers, Allan C., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake mechanism. 2,391,129; Dec. 18.
Chambers, Allen, Independence, and R. E. Gearhart, assignors of one-third to W. E. Ludwig, Kansas City, Mo. Door securing device. 2,368,411; Jan. 30.
Chambers, Allen, Independence, and R. E. Gearhart, assignors of one-third to W. E. Ludwig, Kansas City, Mo. Door securing device. 2,369,136; Feb. 13.
Chambers, Arthur H., Plymouth, Mich. Spring. 2,372,549; Mar. 27.
Chambers, Carl C.: *See*—
Brooke, G. A., Jr., and Chambers.
Chambers, Clarence T., Santa Cruz, Calif. Can punching and sealing device. 2,366,438; Jan. 2.
Chambers, Cyril H.: *See*—
McWhirter, E. M. S., and Chambers.
McWhirter, E. M. S., Dunn, Chambers, and Warden.
Chambers, Francis S., Jr., Woodbury, N. J., and C. A. Woodbury, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of trinitrotoluene. 2,382,133; Aug. 14.
Chambers, Jewell C., Los Angeles, Calif., and J. R. Allen, Forest Hills, N. Y., assignors to Simmonds Aerocessories, Inc. Self-aligning bearing structure. 2,382,773; Aug. 14.
Chambers, Perry O., assignor to Safety Vulcanizer Company, Chicago, Ill. Tire buffing and rebuilding machine. 2,366,685; Jan. 2.
Chambers, Walter G., Needham Heights, Mass. Filter for swimming pools. 2,367,997; Jan. 23.
Chambers, William A., Ewell, assignor to Ronald Trist & Co. Limited, Slough, England. Magnetic device. 2,378;129; June 12.
Chambersburg Engineering Company: *See*—
Weyer, Henry A., assignor.
Chamlee, Fred F., Gatesville, Tex. Piston structure. 2,384,533; Sept. 11.
Champagne Paper Corporation: *See*—
Goepfert, Otto F., assignor.
Champayne, Roy J., Rockford, Ill. Rubbing machine. 2,367,668; Jan. 23.
Champion, Inc.: *See*—
West, M. A. and G. E., assignors.
Champion Paper and Fibre Company, The: *See*—
Bennett, Eugene G., assignor.
Bradner, Donald B., assignor.
Gates, Louis E., assignor.
Murdock, H. R., and Lawrence, assignors.
Paxton, C., and Vail, assignors.
Champion Spark Plug Company: *See*—
Riddle, Frank H., assignor.
Champion, William J., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket. 2,372,355; Mar. 27.
Champion, William J., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket having a copy mass comprising a silicate. 2,387,643; Oct. 23.
Champlain Company, Inc.: *See*—
Piazze, Thomas E., assignor.
Champlin, John B. F., and T. H. Banton, assignors to Cattaraugus Cutlery Company, Little Valley, N. Y. Hunting knife. 2,375,751; May 15.
Chance, Franklin S.: *See*—
McAlvey, A., Strain, and Chance.
Chandler, Daniel L., Salem, assignor to The Aresee Company, Inc., Swampscott, Mass. Automobile door window mechanism. 2,390,690; Dec. 11.
Chandler, Edward F., Brooklyn, N. Y. Rocket gun. 2,380,024; July 10.
Chandler, Edward F., Brooklyn, N. Y. Lock nut. 2,381,110; Aug. 7.
Chandler, Edward F., Brooklyn, N. Y. Self-locking nut. 2,381,111; Aug. 7.
Chandler-Evans Corporation: *See*—
Chandler, Milton E., assignor.
Gilbert, Stanley W., assignor.
Twyman, Harold F., assignor.
Chandler, Henry T., assignor, by mesne assignments, to Vanadium Corporation of America, New York, N. Y. Treatment of steel or iron. 2,370,289; Feb. 27.
Chandler, James F., assignor to Colonial Radio Corporation, Buffalo, N. Y. Automatic tuning control circuit. 2,382,203; Aug. 14.
Chandler, Milton E., New Britain, assignor to Chandler-Evans Corporation, South Meriden, Conn. Charge forming device. 2,372,356; Mar. 27.
Chandler, Milton E., New Britain, Conn., assignor to Chandler-Evans Corporation. Fuel injector control mechanism. 2,384,282; Sept. 4.
Chandler & Price Company, The: *See*—
McLaughlin, Frederick D., assignor.
Root, Charles F., assignor.
Chaney, John L., and G. D. Hunt; said Hunt assignor to The Ohio Thermometer Company, Springfield, Ohio. Inclinometer. 2,384,453; Sept. 11.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,369,281; Feb. 13.
Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Pyrolysing method and apparatus. 2,372,186; Mar. 27.
Chaney, Newcomb K., Swarthmore, Pa., assignor to The United Gas Improvement Company. Liquid coating compositions, coated objects, and making same. 2,380,149; July 10.
Chaney, Newcomb K., Moylan, and E. L. Hall, Manchester, N. H., assignors to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,383,772; Aug. 28.
Change-A-Blade Corporation: *See*—
Snell, Francis A., assignor.
Channon, Hiram B., Portsmouth, assignor to Virginia Smelting Company, West Norfolk, Va. Chrome tanning solutions and making and using the same. 2,382,204; Aug. 14.
Chanosky, Adolph, Fort Worth, Tex. Electrical resistor 2,376,757; May 22.
Chaplick, Jacob: *See*—
Gold, R. H., and Wasserman, assignors.
Chaplin Corporation: *See*—
Chaplin, Merle P., assignor.
Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Pulp molding and reforming. 2,377,864; June 12.
Chaplin, Merle P., South Portland, assignor to Chaplin Corporation, Portland, Maine. Machine for manufacturing molded pulp articles. 2,380,942; Aug. 7.
Chaplin, Merle P., assignor to Chaplin Corporation, Portland, Maine. Machine for manufacturing molded pulp articles. 2,388,828; Nov. 13.
Chapman, Charles E., Chicago, Ill. Time signaling apparatus. 2,380,943; Aug. 7.
Chapman, Charles H., La Grange, Ill., and C. P. Griffith, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Conduit closure. 2,380,217; July 10.
Chapman, Edward L.: *See*—
Statia, Edwin V., Sr., assignor.
Chapman, Everett, West Chester, Pa. Method and apparatus for metal treatment and fabrication. 2,367,715; Jan. 23.
Chapman, Everett, West Chester, Pa. Fracture traction device. 2,373,456; Apr. 10.
Chapman, Fred F., Wilmington, Del., N. G. Johnson, Wenonah, N. J., and G. H. Loving, Riverside Gardens, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive cartridge. 2,371,874; Mar. 20.

Chapman, George S., Dedham, Mass. Cutting tool. 2,381,485; Aug. 7.
Chapman, George T., Grosse Pointe, Mich. Fishing float. 2,376,958; May 29.
Chapman, Harold L., East Moriches, N. Y. Bottle case. 2,375,467; May 8.
Chapman, Henry O., Cedarhurst, and R. Evans, Bronxville, N. Y. Housing unit. 2,391,544; Dec. 25.
Chapman, James E., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Gun charger. 2,384,724; Sept. 11.
Chapman, James E., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Gun charger. 2,384,725; Sept. 11.
Chapman, James E., Los Angeles, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Inglewood, Calif. Modulating means for cooler control. 2,385,060; Sept. 18.
Chapman, James F.: *See*—
Blackburn, J. L., and Chapman.
Chapman, James F., East Orange, and K. Riesz, Gillette, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical instrument mounting. 2,388,675; Nov. 13.
Chapman, R. S.: *See*—
Brandes, Arthur, assignor.
Chapman, Stuart H., Lima, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Spreader stoker apparatus. 2,370,936; Mar. 6.
Chapman, Stuart H., Lima, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,382,293; Aug. 14.
Chapman, Stuart H., Lima, and A. F. Schultz, Springfield, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Damper construction. 2,373,166; Apr. 10.
Chapman, Thomas J. C., assignor to Industrial Patents Corporation, Chicago, Ill. Automatic clamping device. 2,366,666; Jan. 2.
Chapman, Thomas S., Houston, Tex. Drying permeable solids. 2,373,100; Apr. 10.
Chappell, Fred L., Jr., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. High free rosin size dispersions. 2,385,794; Oct. 2.
Chappell, Fred L., Jr., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Dry size. 2,386,033; Oct. 2.
Chappell, Ralph R.: *See*—
Colt, R. B., and Chappell.
Chapple, Charles C., Chestnut Hill, assignor to Children's Hospital of Philadelphia, Philadelphia, Pa. Humidifying apparatus. 2,368,115; Jan. 30.
Chapple, Eliot D., Belmont, Mass. Interaction recorder. 2,387,563; Oct. 23.
Charbonneau, Allan P., F. J. Russell, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric circuit controller. 2,376,658; May 22.
Charbonneaux, Wilson A., Burlington, Iowa. Alternating current control or regulating apparatus. 2,379,415; July 3.
Charchian, Benjamin M., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Frequency multiplier. 2,370,637; Mar. 6.
Chard, Lodge Y.: *See*—
Chard, Telford L., assignor.
Chard, Telford L., Indianapolis, assignor of one-half to L. Y. Chard, New Castle, Ind. Oscillatory engine. 2,389,764; Nov. 27.
Charis Corporation: *See*—
Sarachek, Moe, assignor.
Charley, Walter G., La Crescent, Minn., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Agricultural implement. 2,382,001; Aug. 14.
Charlotte Chemical Laboratories, Inc.: *See*—
Oliver, T. C., Long, and Crosson, assignors.
Charlton, George, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve and valve steel alloy. 2,370,124; Feb. 27.
Charlton, John M., assignor to R. A. Simpson Manufacturing Company, Inc., Oakland, Calif. Butter mold. 2,370,522; Feb. 27.
Charman, Walter M., Shaker Heights, and B. F. Anthony, Cleveland Heights; said Anthony assignor to Ferro Engineering Company, Cleveland, Ohio. Low volume sinkhead. 2,390,500; Dec. 11.
Charms Company: *See*—
Krout, Ray W., assignor.
Charnas, Benjamin, Forest Hills, and A. Malina, New York, N. Y. Kit for toilet purposes. 2,389,596; Nov. 27.
Charney, Jesse: *See*—
Laufer, L., and Charney, assignors.
Charnock, Andrew J., Leyland, assignor to Leyland Motors Limited, Kingston on Thames, England. Retaining means for link pins in tracks for track-laying vehicles and for like purposes. 2,368,611; Jan. 30.
Chase Brass & Copper Co., Incorporated: *See*—
Crampton, D. K., and Burghoff, assignors.
Murnane, John A., assignor.
Wood, Maurice L., assignor.
Chase, Corson W., Chicago, Ill., assignor to Chicago Pump Company. Sewage treatment system. 2,380,025; July 10.
Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,389,182; Nov. 20.
Chase, Philip H., Bala Cynwyd, and J. V. O'Neill, Willow Grove, Pa.; said O'Neill assignor to said Chase. Electric flasher. 2,388,780; Nov. 13.
Chasen, Henry: *See*—
McClellan, D. F., and Chasen.
Chase-Shawmut Company, The: *See*—
Christofferson, Carl A., assignor.
Taylor, Elmer H., assignor.
Wood, Morris B., assignor.
Chastain, Joe: *See*—
McGivern, P. V., and Chastain.
Châtelain, Arthur B., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Fader for motion-picture printers. 2,368,804; Feb. 6.
Chatelain, Paul E., Detroit, assignor to The Wickman Corporation, Highland Park, Mich. Automatic screw machine. 2,376,476; May 22.
Chatten, Clarence K., Jackson Heights, N. Y. Adhesive testing device. 2,390,510; Dec. 11.
Chatterjea, Prafulla K., and L. W. Houghton, assignors to Standard Telephones and Cables Limited, London, England. Multichannel carrier communications system. 2,390,641; Dec. 11.
Chatterjea, Prafulla K., and C. T. Scully, assignors to Standard Telephones and Cables Limited, London, England. Thermionic valve circuits. 2,378,620; June 19.
Chatterjea, Prafulla K., and C. T. Scully, assignors to Standard Telephones and Cables Limited, London, England. Thermionic valve circuits. 2,383,710; Aug. 28.
Chatterjea, Prafulla K., and C. T. Scully, assignors to Standard Telephones and Cables Limited, London, England. Thermionic valve receiving circuits. 2,391,130; Dec. 18.
Chatterton, Cecil M., Baltimore, Md., assignor to Ditto, Incorporated, Chicago, Ill. Adjustable step guide attachment for paper feed trays. 2,378,185; June 12.
Chatterton, Rollin M., Malden, Mass., and W. C. Slade, Providence, R. I., assignors to Fuel Research Development Corporation, Boston, Mass. Operating oil-cracking retorts. 2,377,993; June 12.
Chauvet, Albert L., Piedmont, Calif. Controlled beam headlight lens. 2,379,787; July 3.
Chayes, Nat: *See*—
Blair, James H., assignor.
Wahlberg, John, assignor.
Cheasley, Thomas C., Kansas City, Mo. Heater. 2,371,950; Mar. 20.
Cheasley, Thomas C., Kansas City, Mo. Draft control for heaters. 2,388,829; Nov. 13.
Checkmaster Plan Inc.: *See*—
Efron, Alexander, assignor.
Checkos, Theodore K., Los Angeles, Calif. Welding rod holder. 2,372,251; Mar. 27.
Cheechoo, Albert A., Brumheller, Alberta, Canada. Vending machine. 2,370,230; Feb. 27.
Cheesman, John J., Gerrards Cross, England. Package binding. 2,367,168; Jan. 9.
Chelborg, Rudolph, Maplewood, N. J., and H. Pufahl, Port Chester, N. Y., assignors to Union Carbide and Carbon Corporation. Tool-guiding apparatus. 2,373,541; Apr. 10.
Chemical, B-B., Co.: *See*—
Griswold, Stanley M., assignor.
Chemical Construction Corporation: *See*—
Baker, Henry D., assignor.
Chemical Developments Corporation: *See*—
Stahly, G. L., and Carlson, assignors.
Waldie, W. A., and Bersuder, assignors.
Chemical Developments, Inc.: *See*—
Fowler, George B., and (Pattilloch, assignor).
Stahly, Grant L., and Carlson, assignors.
Chemical Foundation, Incorporated, The: *See*—
Farr, Wanda K., assignor.
Hixson, A. W., and Miller, assignors.
Chemical Laboratories, Inc.: *See*—
Whitner, Thomas C., assignor.
Chemical Process Development Corporation: *See*—
Mills, G. F., and Alm, assignors.
Wojciekunas, A. N., and Faller, assignors.
Chemical Service Company: *See*—
Munn, John E., assignor.
Chemsearch Corporation: *See*—
Snell, F. D., and Guiteras, assignors.
Cheney, Lee C., Detroit, and W. G. Bywater, Grosse Pointe Woods, assignors to Parke, Davis & Company, Detroit, Mich. Morpholine substituted esters. 2,374,525; Apr. 24.
Cheney, William C., Seattle, and R. S. Wertheimer, Longview, Wash. Projector apparatus. 2,371,504; Mar. 13.
Chenicek, Albert G., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated carbamic acid esters. 2,384,074; Sept. 4.
Chenicek, Albert G., Baberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Condensation products of aldehydes and unsaturated ester amides. 2,385,911; Oct. 2.
Chenoweth, Oscar E., Borger, Tex., and P. F. Lewis, Tulsa, Okla., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive dump shell. 2,384,534; Sept. 11.

Chenoweth, Ray M.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.
Chereau, Louis N.: *See*—
Higonnet, R. A., and Chereau.
Cherniavsky, Alexander J.: *See*—
Souders, M., and Cherniavsky.
Chernoff, Fannie, Philadelphia, Pa. Dress shield. 2,373,947; Apr. 17.
Chernow, Michael, New York, N. Y. Earring clip 2,389,295; Nov. 20.
Cherry-Burrell Corporation: *See*—
Dahlberg, Arthur C., and Holland, assignors.
Dalzell, C. B., and Neely, assignors.
Dalzell, C. B., and Wyman, assignors.
Lippold, Adolph J., assignor.
Lundal, I. J., and Weinreich, assignors.
Trier, C. L., and Fogg, assignors.
Cherry, Carl W., Carmel, and A. S. Mullgardt, Altadena, Calif. Transmission mechanism. 2,383,107; Aug. 21.
Cherry, Charles A., Detroit, assignor, by mesne assignments, to Beaver Tool & Engineering Corp., Big Beaver, Mich. Toolholder. 2,384,600; Sept. 11.
Cherry, George L., Western Springs, and C. C. Veale, West Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Tray supporting table. 2,371,675; Mar. 20.
Cherry, George L., Western Springs, and C. C. Veale, Wheaton, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Extrusion apparatus. 2,373,167; Apr. 10.
Cherry, Ralph E., Detroit, Mich., and N. C. Bremer, assignors to Morse Chain Company, Ithaca, N. Y. Reduction gear. 2,383,956; Sept. 4.
Cherry Rivet Company: *See*—
Kugler, Herbert W., assignor.
Mullgardt, Alexander S., assignor.
Shaff, Ernest H., assignor.
Cherry, Sidney J., East Orange, and L. C. Werner, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Swivel mounting of electrode support. 2,379,064; June 26.
Cherry, Sylvester: *See*—
Rosenzweig, S., and Cherry.
Chervenka, George R., St. Louis, Mo. Latching mechanism. 2,370,841; Mar. 6.
Chesney, Robert M., assignor to The Alliance Porcelain Products Company, Alliance, Ohio. Making tubs or similar articles. 2,378,982; June 26.
Chesny, Heinz H.: *See*—
Elkington, F., and Chesny.
Chesser, Cecil E.: *See*—
Bradbury, W. T., Chesser, and Lieber.
Walton, A. K., and Chesser.
Chester, Allan E., Highland Park, and F. F. Reisinger, Waukegan, assignors to Poor & Company, Chicago, Ill. Compositions of matter and preparation thereof. 2,390,511; Dec. 11.
Chester, Arthur C., and A. P. Clausen, Los Angeles, Calif. Propeller spinner attaching device. 2,371,801; Mar. 20.
Chester, Frank R., Manhattan Beach, Calif. Knife sharpener. 2,386,194; Oct. 9.
Chevigny, Paul G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Cathode structure. 2,367,669; Jan. 23.
Chew, Clarence, and R. H. Lewis, II, Alton, Ill., assignors to Owens-Illinois Glass Company. Pour-out finishes for containers. 2,387,213; Oct. 16.
Chew, Frank D.: *See*—
Willmore, C. B., and Chew.
Cheyney, La Verne E.: *See*—
Osterhof, H. J., and Cheyney.
Cheyney, La Verne E., assignor to Wingfoot Corporation, Akron, Ohio. Stabilization of vinyl chloride-vinylidene chloride copolymers. 2,367,483; Jan. 16.
Cheyney, La Verne E., assignor to Wingfoot Corporation, Akron, Ohio. Polyvinyl butyral compositions. 2,376,030; May 15.
Cheyney, LaVerne E., assignor to Wingfoot Corporation, Akron, Ohio. Plasticized polyvinyl acetal. 2,380,925; Aug. 7.
Cheyney, LaVerne E., assignor to Wingfoot Corporation, Akron, Ohio. Plastic composition. 2,380,926; Aug. 7.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Oil container. 2,385,532; Sept. 25.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Package. 2,385,533; Sept. 25.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Plasticized rubber hydrochloride film. 2,385,534; Sept. 25.
Cheyney, La Verne E., Akron, and H. J. Osterhof, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Package. 2,385,535; Sept. 25.
Cheyney, La Verne E., assignor to Wingfoot Corporation, Akron, Ohio. Rubber hydrochloride. 2,388,651; Nov. 6.
Chicago Bridge & Iron Company: *See*—
Larson, Donald E., assignor.
Chicago Cardboard Company: *See*—
Ziemmerman, Henry, assignor.
Chicago Carton Company: *See*—
Hayes, Charles G., assignor.
Chicago Development Company: *See*—
Dean, Reginald S., assignor.
Dean, R. S., and Anderson, assignors.
Moss, Cresap, assignor.
Chicago Die Casting Manufacturing Company: *See*—
Koch, Paul F., assignor.
Chicago Eye Shield Company: *See*—
Whipple, Willis A., assignor.
Whipple, W. A., and Malcom, assignors.
Whipple, Willis Z., assignor.
Chicago Fire Brick Company: *See*—
Young, William G., assignor.
Chicago Flexible Shaft Company: *See*—
Jepson, Ivar, assignor.
Jepson, I., and Whiting, assignors.
Koci, Ludvik J., assignor.
Storm, Herbert F., assignor.
Chicago Forging & Manufacturing Company: *See*—
Howe, Earl E., assignor.
Chicago Metal Hose Corporation: *See*—
Toepper, G., and Farrar, assignors.
Chicago Pneumatic Tool Company: *See*—
Fischer, Howard R., assignor.
Fischer, H. R., and Roberts, assignors.
Harcourt, George T., assignor.
Reed, Clarence E., assignor.
Roberts, James A., assignor.
Chicago Pump Company: *See*—
Chase, Corson W., assignor.
Wirts, John J., assignor.
Chicago Railway Equipment: *See*—
Busse, Edwin G., assignor.
Chicago Rawhide Manufacturing Company: *See*—
Northup, Harry L., assignor.
Chicago Seal Co.: *See*—
Karlberg, Arvid E., assignor.
Chicago Telephone Supply Company: *See*—
Turner, B. S., Arisman, and Veatch, assignors.
Chichester, Kenneth J., Flushing, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Terminal element. 2,391,391; Dec. 25.
Chicopee Manufacturing Corporation: *See*—
Vose, Robert W., assignor.
Chiksan Tool Company: *See*—
Goodwin, Donald W., assignor.
Phillips, Dwight M., assignor.
Children's Hospital of Philadelphia: *See*—
Chapple, Charles C., assignor.
Childress, William C., Oak Park, and J. M. Royal, Villa Park, assignors to Acme Steel Company, Chicago, Ill. Strap stretching and sealing apparatus. 2,375,769; May 15.
Childs, John N.: *See*—
Oechsle, S. J., and Childs.
Chill-Quick Corporation: *See*—
Daun, Carl L., assignor.
Chilson, Francis: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Pilon.
Chilton, Alfred H., assignor to J. Stone & Company Limited, Deptford, England. Electric regulator pile. 2,374,416; Apr. 24.
Chilton, Alfred H., Deptford, and L. R. Nixon, New Eltham, London, assignors to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,374,417; Apr. 24.
Chilton, Frank McG., Arlington, Va. Control system. 2,375,213; May 8.
Chilton, Leonard V., and D. P. Woosley, assignors to Ilford Limited, Ilford, England. Photographic materials. 2,366,439; Jan. 2.
Chilton, Leonard V., assignor to Ilford Limited, Ilford, England. Photographic element and making it. 2,368,287; Jan. 30.
Chilton, William E., Shaker Heights, Ohio. Braking system for automotive vehicles. 2,387,716; Oct. 30.
Chindgren, Carl J.: *See*—
Fox., A. L., and Chindgren
Chipman Spinning Mills, Inc.: *See*—
Hardie, Donald C., assignor.
Chireix, Henri, Paris, France; vested in the Alien Property Custodian. Apparatus for detecting underground metallic objects. 2,376,659; May 22.
Chisholm, Douglas S., assignor to The Dow Chemical Company, Midland, Mich. Recovery of magnesium from vapor mixtures. 2,381,403; Aug. 7.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Rotary hydraulic pump or motor. 2,369,019; Feb. 6.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic steering motor and shimmy dampener for airplane landing gear wheels. 2,372,710; Apr. 3.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic pump or motor. 2,373,457; Apr. 10.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber sealing means. 2,377,674; June 5.
Chisholm, Harry L., Jr., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic steering motor and shimmy dampener for airplane landing gear wheels. 2,383,773; Aug. 28.

Chisik, Joseph: *See*—
Zimmerman, W. B., Martin, and Chisik.
Chisnell, John B., assignor to The Sun Rubber Company, Barberton, Ohio. Finger guard. 2,379,624; July 3.
Christian, John C., and R. T. Seymour, assignors to Boeing Aircraft Company, Seattle, Wash. Bore sighting apparatus. 2,380,501; July 31.
Chittum, Joseph F., Whittier, assignor to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitation. 2,381,879; Aug. 14.
Chitwood, George R., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Gear checking fixture. 2,367,004; Jan. 9.
Chitwood, Henry C.: *See*—
Curme, G. O., Jr., Chitwood, and Clark.
Chitwood, Henry C., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Catalytic alkaline oxidation of alcohols. 2,384,817; Sept. 18.
Chivers & Sons Limited: *See*—
Rendle, Theodore, assignor.
Choate, Carlile E., Monson, Maine, and R. E. Townsend, Jr., assignors to Devonshire Research Corporation, Boston, Mass. Frangible missile structure. 2,377,675; June 5.
Chocholak, John: *See*—
Ten Eyck, H. S., Chocholak, and Coleman.
Chodorow, Marvin, New York, N. Y., assignor to Maguire Industries, Incorporated. Self-pulsing circuit. 2,391,545; Dec. 25.
Chodorow, Marvin, New York, N. Y., assignor to Maguire Industries, Incorporated. Magnetic multivibrator. 2,391,546; Dec. 25.
Chouings, Leslie C., assignor to Automotive Products Company Limited, Leamington Spa, England. Internal shoe drum brake. 2,374,651; May 1.
Chow, Bacon F.: *See*—
Van Dyke, H. B., Greep, and Chow.
Chown, Samuel R.: *See*—
Best, C., and Chown.
Chrisman, Ernest L.: *See*—
Weber, A. J., and Chrisman.
Christ, Andrew F., Milwaukee, Wis. Liquid dispensing device. 2,371,028; Mar. 6.
Christ, Joseph G., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Brazing alloys. 2,390,775; Dec. 11.
Christ, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cementing process. 2,367,670; Jan. 23.
Christel, Anthony G., and K. Fuchs, Rochester, N. Y. Abrading wheel dressing means. 2,376,959; May 29.
Christel, Conrad, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield and cleaner therefor. 2,387,564; Oct. 23.
Christensen, Harold V., St. Clair Shores, assignor to Michigan Tool Company, Detroit, Mich. Thread grinding machine. 2,375,079; May 1.
Christensen Machine Company, The: *See*—
Belluche, Frank R., assignor.
Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,372,175; Mar 27.
Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine unit. 2,374,731; May 1.
Christensen, Paul M., Newington, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Electric switch. 2,372,881; Apr. 3.
Christensen, Paul M., West Hartford, Conn., assignor by mesne assignments to Federal Electric Products Company, Inc., Newark, N. J. Multipole automatic circuit breaker. 2,374,273; Apr. 24.
Christensen, William R.: *See*—
Talbott, J. H., and Christensen.
Christenson, Arthur L.: *See*—
Friedman, H. and Christenson.
Christenson, Frank, Jamaica Estates, N. Y. Prefabricated ceramic combustion chamber. 2,370,008; Feb. 20.
Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing. 2,366,832; Jan. 9.
Christenson, Trace S., Jr., Detroit, Mich. Knob adapter. 2,389,610; Nov. 27.
Christian, David A., Batley, and D. P. Long, Chislehurst, assignors to Siemens Brothers & Co. Limited, London, England. Telephone or like system. 2,375,622; May 8.
Christian, David A., Batley, and W. H. J. Dibben, Dewsbury, assignors to Siemens Brothers & Co. Limited, Westminster, London, England. Telephone system. 2,377,314; June 5.
Christian, Herbert A., assignor of one-half to L. Christie, Vallejo, Calif. Pocket ash receptacle. 2,384,442; Sept. 11.
Christian, Herbert L.: *See*—
Moore, A. W., Moran, Christian, and Morris.
Christiansen, Andrew L., Willowbrook, Calif. Brake. 2,385,689; Sept. 25.
Christiansen, Christian, Swampscott, Mass. Box gluing device. 2,379,216; June 26.
Christie, Hugh K., assignor to Whiting Corporation, Harvey, Ill. Portable overhead jack. 2,370,842; Mar. 6.
Christie, Lewis D., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Measuring device. 2,390,691; Dec. 11.
Christie, Lindsay R., New York, N. Y. Continuous drier. 2,373,382; Apr. 10.
Christie, Lloyd: *See*—
Christian, Herbert A., assignor.
Christie, Robert K., Toledo, Ohio. Gapping spark plugs. 2,377,481; June 5.
Christman, Julius B., Jr., Clay Township, St. Joseph County, Ind. Gravel grading device. 2,370,717; Mar. 6.
Christmann, Friedrich: *See*—
Pier, M., and Christmann.
Christmann, Ludwig J., Yonkers, assignor to American Cyanamid Company, New York, N. Y. Removal of silica from nonmetallic ores by froth flotation. 2,368,968; Feb. 6.
Christmann, Ludwig J., Yonkers, N. Y., and S. E. Erickson, Calumet, Minn., assignors to American Cyanamid Company, New York, N. Y. Flotation of phosphate minerals. 2,377,129; May 29.
Christmann, Ludwig J., Yonkers, N. Y., and A. G. Houpt, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing high-grade calcium cyanide. 2,386,434; Oct. 9.
Christmann, Ludwig J., Yonkers, N. Y., and A. G. Houpt, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing alkaline earth metal cyanides. 2,386,435; Oct. 9.
Christmann, Ludwig J., Yonkers, N. Y., and A. G. Houpt, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of alkaline earth metal cyanides by double decomposition. 2,386,436; Oct. 9.
Christofferson, Carl A., Acton, assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric switch and switch operating mechanism. 2,371,738; Mar. 20.
Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Processing skins. 2,371,875; Mar. 20.
Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Gelatinous material. 2,379,065; June 26.
Christopher, Elbert E., Oakland, Calif. Internal-combustion engine. 2,366,595; Jan. 2.
Christopher, Harold N., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Self-regulating rectifier. 2,373,383; Apr. 10.
Christy, Carl, Shreveport, La. Ear ornament. 2,383,448; Aug. 28.
Chriswell, Frederick W., and R. S. Langdon, Seattle, Wash. Endless traction belt. 2,371,802; Mar. 20.
Chriswell, Frederick W., Seattle, assignor to Pacific Car and Foundry Company, Renton, Wash. Log bunk. 2,382,002; Aug. 14.
Chromium Mining and Smelting Corpn., Limited: *See*—
MacColl, Evan A., assignor.
Chromogen, Incorporated: *See*—
Dreyfuss, Paul D., assignor.
Gáspár, Béla, assignor.
Chrysler Corporation: *See*—
Ball, Thomas M., assignor.
Borden, David M., assignor.
Cousino, Walter P., assignor.
Gilfillan, Henry W., assignor.
Goode, G. C., and Gonyou, assignors.
Herreshoff, A. G., and Butterfield, assignors.
Hicks, H. A., Johnson, and Ross, assignors.
Houk, Addison R., assignor.
Iavelli, T., and Dunn, assignors.
La Brie, Ludger E., assignor.
Lamb, E. P., and Duff, assignors.
Livar, Allen P., assignor.
Lowery, Thomas W., assignor.
Matulaitis, Victor E., assignor.
Miller, Russell L., assignor.
Mochel, Paul J., assignor.
Mulhern, William A., assignor.
Neeson, Charles R., assignor.
Neracher, C. A., and Dunn, assignors.
Neracher, C. A., Dunn, Iavelli, and Syrovy, assignors.
Patterson, Herbert F., assignor.
Pennington, Gordon R., assignor.
Rakas, Nicholas J., assignor.
Russell, Charles P., assignor.
Saunders, S. G., and Morrison, assignors.
Schotz, Otto W., assignor.
Sherman, V. W., and Gonyou, assignors.
Slack, F. W., and Carpentier.
Staley, Allen C., assignor.
Terry, Rex A., assignor.
Tyken, John G., assignor.
Utz, Chester C., assignor.
Wallace, David A., assignor.
Wallace, D. A., Hewlett, and Wilbur, assignors.
Woolson, H. T., and Parker, assignors.
Woolson, H. T., Herreshoff, Hicks, Parker, and Wyatt, assignors.
Chubb, Lewis W., Jr., trustee: *See*—
Smith, Robert A., assignor.

Chubb, Lewis W., Jr., Sharon, Mass., assignor to Polaroid Corporation, Dover, Del. Antiglare device. 2,367,096; Jan. 9.

Chubb, Lewis W., Churchill Borough, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Three-phase transformer core. 2,367,927; Jan. 23.

Chubb, Melvin F., and P. F. Ebert, Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio. Drying formed battery plates. 2,389,893; Nov. 27.

Chubb, Melvin F., and P. F. Ebert, Joplin, Mo., assignors to The Eagle-Picher Company, Cincinnati, Ohio. Dry charged accumulator plate. 2,389,894; Nov. 27.

Chubbuck, Horace A.: *See*—
Galamb, J., Roberts, and Chubbuck.

Chuck, Faw Yap, assignor to Lindauer and Co., San Francisco, Calif. Demothing product. 2,376,327; May 22.

Chudner, Joseph, New York, N. Y. Thread cutter. 2,376,417; May 22.

Church, Arthur E.: *See*—
Grindrod, T. H., and Church.

Church, Herman S., Cuyahoga Falls, assignor to The Monarch Rubber Company, Hartville, Ohio. Manufacture of solid rubber tires. 2,386,034; Oct. 2.

Church, Ira L., Reed City, Mich. Saw filing guide. 2,376,031; May 15.

Church, John W., Mount Lebanon, assignor to Falk & Company, Carnegie, Pa. Specialized vulcanization product. 2,369,434; Feb. 13.

Church, Joseph H., Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Projectile. 2,367,199; Jan. 16.

Church, Joseph H., Austin, Minn., and W. E. Thibodeau, Cleveland, Ohio. Projectile. 2,371,151; Mar. 13.

Churchill, Ivan F., Fayetteville, N. Y. Multiple drilling machine. 2,381,039; Aug. 7.

Churchill, John A., Luton, assignor to D. Napier & Son Limited, London, England. Valve for controlling the flow of liquids. 2,377,537; June 5.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Mounting for electrical conduit bushings. 2,373,810; Apr. 17.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable cowl fastener device. 2,389,121; Nov. 20.

Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Tension nut device. 2,389,122; Nov. 20.

Ciapetta, Frank G.: *See*—
Leum, L. N., and Ciapetta.

Ciba Pharmaceutical Products, Incorporated: *See*—
Hartmann, M., and Druey, assignors.
Hartmann, M., Cueni, Druey, and von Meyenburg, assignors.
Hofmann, Klaus, assignor.
Hoffmann, K., and Von Meyenburg, assignors.
Miescher, Karl, assignor.
Miescher, K., and Heer, assignors.
Miescher, K., Heer, and Fischer, assignors.
Miescher, K., and Meystre, assignors.
Miescher, K., and Wettstein, assignors.
Ruzicka, Leopold, assignor.
Ruzicka, L., and Wettstein, assignors.

Ciba Products Corporation: *See*—
Widmer, G., and Fisch, assignors.

Cibert, Harold, Brooklyn, assignor to J. and S. Miller, New York, N. Y. Fire resistant portfolio, document folder, or the like. 2,383,108; Aug. 21.

Cibulka, Alois, Highlands, Tex. Derrick. 2,381,647; Aug. 7.

Cicchetti, Eugene G., Bronx, N. Y., and F. D. Lewis, West Orange, assignors to Breeze Corporations, Inc., Newark, N. J. Tube severing machine. 2,374,806; May 1.

Cicero State Bank, trustee: *See*—
Behrendt, J. G., and Ruthy, assignors.

Ciecierski, Maryan, Jr., Jersey City, N. J. Induction system for internal-combustion engines. 2,375,080; May 1.

Cinch Manufacturing Corporation: *See*—
Del Camp, Scipione M., assignor.
MacFadden, Wilford C., assignor.

Cincinnati Ball Crank Company, The: *See*—
Woelfer, Frank C., Jr., assignor.

Cincinnati Grinders Incorporated: *See*—
Decker, J., and Ernst, assignors.

Cincinnati Milling Machine Co., The: *See*—
Binns, G. W., and Theler, assignors.
Decker, J., and Kearns, assignors.
Decker, J., and Stuckey, assignors.
Mehlhope, L. E., and Vancil, assignors.
Theler, F J., Binns, and Decker, assignors.
Wortendyke, Raymond D., assignor.

Cincinnati Planer Company, The: *See*—
Daugherty, Jesse, assignor.

Cipolla, Manlio, Pavia, Italy; vested in the Alien Property Custodian. Oblique junction-plane rail joint. 2,375,523; May 8.

Cipressi, Alfred, Philadelphia, Pa. Window sash attachment. 2,382,294; Aug. 14.

Cipriani, Chester, Toledo, Ohio. Spark plug. 2,380,579; July 31.

Cipriani, Chester, and C. J. Eaton, Toledo, Ohio. Spark plug. 2,389,597; Nov. 27.

Cislak, Francis E., Indianapolis, and O. D. Cunningham, Speedway City, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Separating 3-picoline, 4-picoline, and 2,6-lutidine. 2,374,418; Apr. 24.

Cislak, Francis E., assignor to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Extension of rubber. 2,378,881; June 19.

Cities Service Oil Company: *See*—
Borden, Edmund G., assignor.
Brandt, David G., assignor.
De Villiers, Truman E., assignor.
Engelke, Ernest F., assignor.
Jenner, Russell B., assignor.
Kaplan, William, assignor.
Levitt, Percy B., assignor.
Morgan, John D., assignor.
Morgan, J. D., and Anderson, assignors.
Morgan, J. D., and Blakey, assignors.
Morgan, J. D., and Levitt, assignors.
Morgan, J. D., and Lowe, assignors.

Citizens Trust & Savings Bank, administrator: *See*—
Stangle, William H.

Citizens Trust & Savings Bank of Evansville, Ind., administrator: *See*—
Stangle, William H., assignor.

Cito, Camillo, Uccle-Brussels, Belgium; vested in the Alien Property Custodian. Manufacture of shaped metal products. 2,382,384; Aug. 14.

City Engineering Company, The: *See*—
Joyce, W. E., Himes, and Wilson.
Wilson, Delbert I., assignor.

City National Bank and Trust Company of Chicago, trustee: *See*—
Baur, H. J., and Kulo, assignors.

Cizek, Vojtech, Astoria, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,371,591; Mar. 13.

Claborn, Houston V., Arlington, Va.; dedicated to the free use of the People in the territory of the United States. Lactyllactic esters and making same. 2,371,281; Mar. 13.

Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated valve. 2,373,742; Apr. 17.

Claffey, Joseph B., Philadelphia, Pa., assignor to The United Gas Improvement Company. Fractionation control. 2,386,778; Oct. 16.

Clakson, Frank H., Coventry, England. Chuck or holder. 2,367,998; Jan. 23.

Clancy, Gilbert E., assignor to Drayer & Hanson, Incorporated, Los Angeles, Calif. Heat exchanger. 2,388,721; Nov. 13.

Clapp, Channing P., Fords, and B. M. Johnson, Metuchen, N. J., assignors to The Carborundum Company, Niagara Falls, N. Y. Furnace. 2,385,333; Sept. 25.

Clapp, Charles W., assignor to Corning Glass Works, Corning, N. Y. Molding glass. 2,390,354; Dec. 4.

Clapp, George L., U. S. Army, Pasco, Wash. Fork lift truck. 2,387,744; Oct. 30.

Clapp, Kenneth S., Shaker Heights, Ohio. Dispensing pump. 2,387,233; Oct. 23.

Clapp, Kenneth S., Shaker Heights, Ohio. Fluid control valve mechanism. 2,387,234; Oct. 23.

Clapp, Richard C.: *See*—
Roblin, R. O., Jr., and Clapp.

Clare, C. P., and Co.: *See*—
Clare, Carl P., assignor.
Horlacher, Albert F., assignor.
Johnston, Arthur J., assignor.

Clare, Carl P., Arlington Heights, assignor to C. P. Clare and Co., Chicago, Ill. Electric relay system. 2,368,201; Jan. 30.

Clare, Charles H., assignor to Clare-Collets Limited, Salford, England. Chuck for drills, reamers, milling cutters and like tools. 2,381,335; Aug. 7.

Clare-Collets Limited: *See*—
Clare, Charles H., assignor.

Clare, George H., New York, N. Y. Drawer arrangement for refrigerators. 2,376,032; May 15.

Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Coating compositions. 2,375,752; May 15.

Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,375,753; May 15.

Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Ink compositions. 2,379,950; July 10.

Clarin, Werner E., assignor of one-half to A. J. Jacobson, Chicago, Ill. Locking device for folding chairs. 2,381,574; Aug. 7.

Clark, Adna R., Chicago, Ill., and C. R. and H. J. King, Oelwein, Iowa. Refrigerating means for vehicles. 2,378,063; June 12.

Clark, Alfred, Grandview Heights, and R. S. Shutt, Upper Arlington, assignors to Batelle Memorial Institute, Columbus, Ohio. Polymerizing olefines. 2,385,609; Sept. 25.

Clark, Alfred S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread case retaining device for sewing machines. 2,379,882; July 10.

Clark, Alfred and R. S. Shutt, assignors to Battelle Memorial Institute, Columbus, Ohio. Preparation of alkenals and alkenones. 2,383,711; Aug. 28.
Clark, Alice L., Mill Valley, Calif. Doll. 2,391,131; Dec. 18.
Clark, Allan C., Manhasset, assignor to Pan American Airways, Inc., New York, N. Y. Globe map. 2,369,103; Feb. 6.
Clark, Alva B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,385,061; Sept. 18.
Clark, Arthur R., Hamilton, Ontario, Canada. Mechanical movement. 2,381,112; Aug. 7.
Clark, Augustus W.: *See*—
Dower, D. W., and Clark.
Clark, Avery A., Denver, Colo., and H. W. Hooper, Scottsbluff, Nebr., assignors to The Great Western Sugar Company, Denver, Colo. Separating apparatus. 2,389,611; Nov. 27.
Clark, Carl L.: *See*—
Swertfager, W. A., and Clark.
Clark, Charles A., assignor to Leupold & Stevens Instruments, Portland, Oreg., a partnership composed of F. Leupold, J. C. Stevens, M. Leupold, and R. J. Stevens. Pelorus. 2,386,542; Oct. 9.
Clark, Charles C., Buffalo, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Pickling bath for metals. 2,373,291; Apr. 10.
Clark, Charles C., Columbus, Ohio. Signal or alarm device for projecting machines. 2,375,197; May 8.
Clark, Charles C., Columbus, Ohio. Time schedule calculator. 2,391,771; Dec. 25.
Clark, Charles M.: *See*—
Bergmann, Christian N., assignor.
Clark, Charles R., Springfield Township, Montgomery County, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovering toluene from hydrocarbon mixtures. 2,385,610; Sept. 25.
Clark, Charles R., Springfield Township, Montgomery County, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovering toluene. 2,388,040; Oct. 30.
Clark, Charles W., Brooklyn, N. Y. Dancing toy. 2,368,805; Feb. 6.
Clark, Clyde W., Dearborn, Mich. Elevating screw. 2,368,345; Jan. 30.
Clark Controller Company, The: *See*—
Few, William, assignor.
Clark, Daniel B., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Making motion pictures. 2,384,601; Sept. 11.
Clark, Daniel E., assignor of one-half to J. E. Dakin, Jr., Lynn, Mass. Reinforcing box corners and reinforcement therefor. 2,376,660; May 22.
Clark, Daniel R., Flint, Mich. Amusement machine. 2,384,237; Sept. 4.
Clark, David, Company, Inc: *See*—
Johnson, C. E., and Clark, assignors.
Clark, David M: *See*—
Johnson, C. E., and Clark.
Clark, Donald H., Sacramento, Calif. Rotary cultivator mounting and control unit. 2,366,386; Jan. 2.
Clark, Donald H., Sacramento, Calif. Rotary cultivator unit. 2,370,777; Mar. 6.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,370,146; Feb. 27.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Water heater apparatus. 2,379,398; June 26.
Clark, Earl K., and J. R. Heilman, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flatiron cord assembly. 2,367,996; Jan. 23.
Clarke, Edgar W., Hamilton, Ontario, Canada, assignor to Interwoven Stocking Company, New Brunswick, N. J. Circular knitting machine. 2,370,449; Feb. 27.
Clarke, Edgar W., Hamilton, Ontario, Canada, assignor to Interwoven Stocking Company, New Brunswick, N. J. Knitted article. 2,370,450; Feb. 27.
Clark Equipment Company: *See*—
Backofen, R., and Lapsley, assignors.
Burger, Frederick W., assignor.
Dunham, Elmer J., assignor.
Dunham, E. J., and Mulvany, assignors.
King, Charles H., assignor.
Lapsley, Robert, assignor.
Williams, Alfred O., assignor.
Clark, Ernest, Brockton, assignor to Abington Textile Machinery Works, Boston, Mass. Carding machine. 2,376,661; May 22.
Clark, Ethel H.: *See*—
Clark, John W., assignor.
Clark, Eugene S., Lynn, Mass., assignor to General Electric Company. Aircraft gas turbine arrangement. 2,388,952; Nov. 13.
Clark, Frances H., New York, and R. F. Dirkes, Jamaica, N. Y. Tool steel. 2,369,211; Feb. 13.
Clark, Francis S., St. Paul, Minn. Control. 2,371,378; Mar. 13.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Halogenated hydrocarbon compositions. 2,375,623; May 8.
Clark, Frank M., Pittsfield Mass., assignor to General Electric Company. Halogenated composition. 2,375,624; May 8.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Dielectric material. 2,386,659; Oct. 9.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Apparatus for absorbing decomposition products. 2,388,524; Nov. 6.
Clark, George H., Yakima, Wash. Wrench. 2,377,612; June 5.
Clark, Gerald I., Santa Clara, assignor to Wooldridge Manufacturing Company, Sunnyvale, Calif. Motor powered earth mover. 2,368,202; Jan. 30.
Clark, Gerald T., Hazel Crest, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway skate control and operating apparatus. 2,390,055; Dec. 4.
Clark, Harlan C.: *See*—
Klaiber, F. L., and Clark.
Clark, Howard H., Kent, Ohio. Scaffold system. 2,383,449; Aug. 28.
Clark, Howard L., Ballston Lake, N. Y., assignor to General Electric Company. Short time interval meter. 2,377,757; June 5.
Clark, Howard L., Ballston Lake, N. Y., assignor to General Electric Company. Spark generator for spectrographic analyses. 2,391,225; Dec. 18.
Clark, J. R., Company, The: *See*—
John, Edward T., assignor.
Clark, James A., Port Chester, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Stabilizing textiles. 2,378,186; June 12.
Clark, James E., Williston Park, N. Y., C. E. Fay, Chatham, N. J., and V. L. Ronci, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic discharge device. 2,380,502; July 31.
Clark, James L., New York, N. Y. Sleeping bag. 2,379,416; July 3.
Clark, James R., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Extensible suspension for drawers and the like. 2,376,121; May 15.
Clark, James W., Monmouth, Il. Device for throwing missles such as hand grenades. 2,378,187; June 12.
Clark, Jared W.: *See*—
Curme, G. O., Jr., Chitwood, and Clark.
Clark, Joel B., and H. P. Pierce, Buffalo, N. Y., said Pierce assignor to said Clark. Treating lubricating oil of internal-combustion engines. 2,376,418; May 22.
Clark, John R., Los Angeles, Calif., assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,373,542; Apr. 10.
Clark, John W., Washington, D. C., assignor of one-third to E. H. Clark. Applicator for facial creams. 2,390,921; Dec. 11.
Clark, Joseph B., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Mist separator. 2,369,020; Feb. 6.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,366,236; Jan. 2.
Clark, Kendall, Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Tuning control. 2,376,901; May 29.
Clark, Kendall, South Bend, Ind. Ironing machine. 2,379,788; July 3.
Clark, Kenneth C., Watsonville, Calif. Simplified auxiliary wheel and tire carrier. 2,378,911; June 26.
Clark, Kenneth C., Watsonville, Calif. Vehicle coupler. 2,386,195; Oct. 9.
Clark, Lawrence D.: *See*—
L. A. Jones, Nelson, and Clark.
Clark, Leon D., Skiatook, Okla. Hand-gripping tool. 2,382,606; Aug. 14.
Clark, Louis, assignor to Protecto Products Co. Inc., Pomona, Calif. Seat-cover package. 2,387,059; Oct. 16.
Clark, Milton A., Mexico, Mo. Metal boring tool. 2,381,806; Aug. 7.
Clark, Nathan C., Los Angeles, and P. R. Carlson, Pasadena, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Monitoring device for spot-welding machines. 2,370,009; Feb. 20.
Clark, Paul, et al.: *See*—
Nelson, Clarence E., assignor.
Clark, Raymond F.: *See*—
Irvine, Jan S., and Clark.
Clark, Reginald J., Boise, Idaho. Protector for fruit boxes. 2,371,425; Mar. 13.
Clark, Robert, Parma, and H. R. Patterson, Shaker Heights, Ohio, assignors to The American Steel and Wire Company of New Jersey. Apparatus for orienting and accumulating elongated articles. 2,387,235; Oct. 23.
Clark, Robert H.: *See*—
Owen, Robert G., assignor.
Smith, Lawson A., assignor.
Wilson, Harry C., assignor.
Clark, Robert H., et al.: *See*—
Panushka, J. B., and Wheeler, assignors.
Clark, Robert W., Teaneck, N. J., assignor to Radio Corporation of America. Transmission line coupling system. 2,373,458; Apr. 10.

Clark, Stanley F.: *See*—
Field, Patrick H., assignor.
Clark, Stewart H., Chicago, Ill., assignor to Backstay Welt Company, Union City, Ind. Channel runway. 2,378,888; June 19.
Clark Thread Company, The: *See*—
Garrott, John H., assignor.
Clark, Walter G., Los Angeles, Calif., assignor to Clarkiron, Inc. Apparatus for generating hydrogen and carbon from hydrocarbon gas. 2,367,928; Jan. 23.
Clark, Walter G., Los Angeles, Calif., assignor to Clarkiron, Inc. Process and apparatus for roasting and reducing iron oxide and other oxide ores. 2,387,882; Oct. 30.
Clark, Warren F., Nashville, Tenn. Mattress for treating human body ailments by heat therapy. 2,376,902; May 29.
Clark, William D. Jr., Belleville, N. J. Slip cover for furniture. 2,366,833; Jan. 9.
Clark, William F., and A. F. Adams, Chicago, Ill. Projection system for images and sounds. 2,373,013; Apr. 3.
Clarke, Albert E.: *See*—
Eve, F. H., and Clarke.
Clarke, Alfred E.: *See*—
Dimsdale, W. H., and Clarke.
Clarke, Alfred G., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. High ohmic resistances. 2,371,379; Mar. 13.
Clarke, Carole A., Glen Ridge, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Cooling device for metal rectifiers. 2,380,026; July 10.
Clarke, Chapman Company, Limited: *See*—
Shoosmith, Guy T., assignor.
Clarke, Charles N.: *See*—
Bergmann, Christian N., assignor.
Clarke, Douglas C.: *See*—
Deschamps, D. J., Dow, and Clarke.
Clarke, Edmund S., Jacksonville, Fla. Chuck. 2,378,188; June 12.
Clarke, Gerard J.: *See*—
Fordyce, C. R., and Clarke.
Clarke, Laurence R., Newton, assignor to Haartz-Mason-Grower Company, Watertown, Mass. Web-controlling mechanism. 2,367,005; Jan. 9.
Clarke, Louis A: *See*—
Bruner, F. H., Clarke, and Sawyer.
Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Motor fuels and making same. 2,373,101; Apr. 10.
Clarke, Robert B. F. F.: *See*—
Flint, C. F., and Clarke.
Clarke, Robert H., Nutley, N. J. Reversing gear and clutch mechanism. 2,375,524; May 8.
Clarke, Rollin R.: *See*—
Peterson, F. H., and Clarke.
Clarke, Rollin R., assignor to The Patent Button Company, Waterbury, Conn. Snap fastener. 2,385,774; Oct. 2.
Clarke, Thomas B.: *See*—
Carr, J. W., and Clarke.
Clarke, William T., Lion's Head, Ontario, Canada. Razor blade sharpener. 2,374,419; Apr. 24.
Clarkiron, Inc.: *See*—
Clark, Walter G., assignor.
Clarkson, Alick, Bloomingdale Township, Du Page County, Ill. Steam quality controller. 2,387,717; Oct. 30.
Clarkson, John L., and A. B. Jackson, assignors to Clarkson Manufacturing Company, Nashville, Ill. Loading machine. 2,370,147; Feb. 27.
Clarkson Manufacturing Company: *See*—
Clarkson, J. L., and Jackson, assignors.
Clarkson, Ralph E., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Front-band construction for firearms. 2,371,282; Mar. 13.
Clarkson, Ralph P., Milford, Conn. Rail fastening. 2,387,009; Oct. 16.
Clasen, John H.: *See*—
Evans, R. T., and Clasen.
Clason, Bertil, Flint, assignor to General Motors Corporation, Detroit, Mich. Liquid level gauge. 2,373,292; Apr. 10.
Classon, Albert N., Leland, Ill. Fan stopping device. 2,369,715; Feb. 20.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Pedal rod mounting or the like. 2,380,218; July 10.
Claus, William A.: *See*—
Gerity, J., Jr., and Claus.
Clausen, Albert P.: *See*—
Chester, A. C., and Clausen.
Clausen, Bert J., Huntington Park, Calif. Shoe toe lifter. 2,378,899; June 26.
Clausen, De Witt, Akron, Ohio, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Scotch yoke. 2,366,237; Jan. 2.
Clausen, De Witt, Akron, Ohio, assignor to Lucien I. Yeomans, Inc., Chicago, Ill. Scotch yoke. 2,366,238; Jan. 2.
Clausen, Harold C., Penn Township, Allegheny County, and L. K. Hedding, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,372,550; Mar. 27.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Sound recording and reproducing machine. 2,366,956; Jan. 9.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Remotely controlled sound recording and reproducing machine. 2,375,525; May 8.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Dictation machine. 2,382,607; Aug. 14.
Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Sound transcription machine. 2,387,010; Oct. 16.
Clausen, Sigurd, Brooklyn, and W. C. Broekhuysen, Garden City, N. Y., assignors to International Cigar Machinery Company. Magnetic mold cover retainer. 2,369,648; Feb. 20.
Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Paster for cigar binders and the like. 2,391,294; Dec. 18.
Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe tree. 2,372,551; Mar. 27.
Clavering, Gunnar, assignor of fifteen per cent to K. Clavering, twenty per cent to J. W. Ralston, five per cent to A. E. Matthews, five per cent to A. E. Reader, and forty per cent to M. C. Johnston, Toronto, Ontario, Canada. Carburetor. 2,371,739; Mar. 20.
Clavering, Kathleen, et al.: *See*—
Clavering, Gunnar, assignor.
Clay, Murray G., assignor to The Beardsley & Piper Company, Chicago, Ill. Flask filling apparatus. 2,368,116; Jan. 30.
Clay, Murray G., assignor to The Beardsley & Piper Company, Chicago, Ill. Truck driving mechanism. 2,384,366; Sept. 4.
Clayson, Harry F., New Lenton, Nottingham, assignor to Simmonds Development Corporation Limited, London, England. Lock nut. 2,381,206; Aug. 7.
Clayton, Andrew B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,386,660; Oct. 9.
Clayton, Benjamin, Houston, Tex., assignor, by mesne assignments, to Refining, Unincorporated. Refining of animal and vegetable oils. 2,374,924; May 1.
Clayton, Benjamin, Houston, Tex., assignor, by mesne assignments, to Refining, Unincorporated. Refining oil and for producing soap. 2,390,990; Dec. 18.
Clayton, James O.: *See*—
Farrington, B. B., Clayton, and Rutherford.
Kavanagh, F. W., Farrington, and Clayton.
Clayton Manufacturing Company: *See*—
Griswold, Donald G., assignor.
Clayton, Walter F., Jr.: *See*—
Monroe, R. O., and Clayton.
Clean-ite Chemical Co.: *See*—
Raymond, Sydney A., assignor.
Clearing Machine Corporation: *See*—
Finzel, H., assignor, and Maykemper.
Johansen, Einar K., assignor.
Wacker, George W., assignor.
Clearman, Frederick: *See*—
Hallows, R. L., and Clearman.
Cleaver-Brooks Company: *See*—
Cleaver, J. C., and Resek, assignors.
Cleaver, John C., and J. V. Resek, Whitefish Bay, assignors to Cleaver-Brooks Company, Milwaukee, Wis. Distillation unit. 2,388,599; Nov. 6.
Cleaver, John C., Whitfish Bay, and J. V. Resek, assignors to Cleaver-Brooks Company, Milwaukee, Wis. Oil burner. 2,390,056; Dec. 4.
Clein, Hilliard H., New York, N. Y. Razor. 2,388,722; Nov. 13.
Clem, Everett W., Shrewsbury, and J. P. Munton, assignors to Rice Barton Corporation, Worcester, Mass. Bearing mount for papermaking machines. 2,372,764; Apr. 3.
Clem, Everett W., Shrewsbury, and G. E. Winter, assignors to Rice Barton Corporation, Worcester, Mass. Paper making machine press roll assembly. 2,390,692; Dec. 11.
Clem, James R., Dallas, Tex. Vending machine. 2,376,960; May 29.
Clemence, Le Roy W.: *See*—
Raiziss, G. W., Clemence, and Freifelder.
Clemens, Robert F., Union City, N. J., assignor to The Dorr Company, New York, N. Y. Purification of liquids. 2,375,282; May 8.
Clement, Carl H., Jr., U. S. Army, Fort Belvoir, Va. Boat construction. 2,379,883; July 10.
Clements, Alexander B., assignor to Scottish Machine Tool Corporation Limited. Glasgow, Scotland. Lathe driver device. 2,377,072; May 29.
Clements, Ernest W., assignor to A. A. Kramer, Kansas City, Kans. Adjustable pressure relief valve. 2,386,293; Oct. 9.
Clements, Wilfred E.: *See*—
Bishop, W. H., and Clements.
Clements, Willard J., assignor to Wetmore Reamer Company, Milwaukee, Wis. Instrument for setting position of a tool for the grinding thereof. 2,372,552; Mar. 27.
Clemmer, Julius B., and B. H. Clemmons, Tuscaloosa, Ala., assignors to United States of America as represented by the Secretary of the Interior. Flotation of iron ores. 2,383,467; Aug. 28.
Clemmons, Ballard H.: *See*—
Clemmer, J. B., and Clemmons.

Clemons, Dale R., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Mounting electrical condensers. 2,390,776; Dec. 11.
Clerc, Leonard F., Chicago, Ill. Control mechanism for refrigerating devices. 2,367,097; Jan. 9.
Clerc, Leonard F., Chicago, Ill. Refrigerated shipping container for use with aircraft. 2,382,859; Aug. 14.
Clerk, Edouard, assignor to The Robert Mitchell Co. Limited, Montreal, Quebec, Canada. Insulating window. 2,387,119; Oct. 16.
Cleveland Crane & Engineering Company, The: *See*— Everard, Frederick W., assignor.
Cleveland Graphite Bronze Company, The: *See*— Schaefer, Ralph A., assignor.
Cleveland, Harry W., Kendallville, Ind., assignor to Inland Wire Products Company, Chicago, Ill. Band tensioning tool. 2,368,969; Feb. 6.
Cleveland Hobbing Machine Co., The: *See*— Merrill, G. L., Carlin, and Batorski, assignors.
Cleveland Metal Hardening Company, The: *See*— Kuhns, Ernest L., assignor.
Cleveland Patents, Incorporated: *See*— Hickok, Robert D., assignor.
Cleveland Pneumatic Tool Company, The: *See*— Benedek, Elek K., assignor.
De Mooy, John, assignor.
Feucht, Albert, assignor.
Lear, Earl B., assignor.
Lear, E B., and Hope, assignors.
Lev, Andrew J., assignor.
Speth, Lloyd G., assignor.
Wallace, John F., assignor.
Cleveland Trencher Company, The: *See*— Askue, Albert R., assignor.
Cleveland Twist Drill Company, The: *See*— Wilson, W. and Brutvan, assignors.
Cleveland Welding Company, The: *See*— Bound, Harry H., assignor.
Cleveland, Willie O., Jr., Louisville, Ky. Mop pail. 2,379,476; July 3.
Cleveland Worm & Gear Company, The: *See*— Noble, Warren, assignor.
Cleven, Oluf L., Washington, D. C., and L. A. Wilson, Riva, Md. Filing receptacle. 2,389,612; Nov. 27.
Cleverly, Herbert R., Hamilton, New Zealand. Vacuum break milking machine. 2,371,803; Mar. 20.
Clewell, Dayton H., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pivot for gravity meters. 2,372,252; Mar. 27.
Clickner, Earle D., assignor to Shakespeare Products Company, Kalamazoo, Mich. Control quadrant. 2,373,225; Apr. 10.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Keto esters. 2,367,484; Jan. 16.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Keto esters. 2,376,033; May 15.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Substituted acrylonitrile polymers. 2,385,258; Sept. 18.
Clifford, Albert M., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Copolymers. 2,387,385; Oct. 23.
Clifford, Albert M., and J. G. Lichty, Stow, Ohio, assignors to Wingfoot Corporation, Akron, Ohio. Amines. 2,368,521; Jan. 30.
Clifford, Albert M., Stow, and W. D. Wolfe, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Polymerization. 2,370,010; Feb. 20.
Clifford, Albert M., Stow, and W. D. Wolfe, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Modified butadiene polymers and making the same. 2,378,189; June 12.
Clifford, Albert M., Stow, and J. D. D'Ianni, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Alpha-chloroacrylonitrile and method of preparing the same. 2,384,889; Sept. 18.
Clifford, Albert M., Stow and W. D. Wolfe, Cuyahoga Falls, assignors to Wingfoot Corporation, Akro, Ohio. Improved butadiene-acrylonitrile copolymers. 2,386,661; Oct. 9.
Clifford, Albert M., Stow, and C. E. Gleim, assignors to Wingfoot Corporation, Akron, Ohio. Preparing a cyclic dicarboxylic acid anhydride. 2,391,226; Dec. 18.
Clifford, Albert M., Stow, Ohio, and C. F. Winans, Edgewood, Pa., assignors to Wingfoot Corporation, Akron, Ohio. Solvent extraction of synthetic latices. 2,391,227; Dec. 18.
Clifford, Fred T., Lewiston, Maine. Derrick. 2,373,743; Apr. 17.
Clifford, George E., Detroit, assignor, by mesne assignments, to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Appartaus for forming integral finned tubing. 2,385,498; Sept. 25.
Clifford Manufacturing Co.: *See*— Woods, John E., assignor.
Clifford, Theodore A., assignor of two-fifths to E. A. Grady, Chicago, Ill. Garment. 2,366,440; Jan. 2.
Clifford, Thomas W., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical projection apparatus. 2,391,132; Dec. 18.
Clifford, Wilfred J., Brentford, England, assignor, by mesne assignments, to Pyrene Development Corporation, Newark, N. J. Foam-producing method and apparatus. 2,376,122; May 15.
Clifford, Wilfred J., and H. H. Adams, Brentford, England, assignors to Parker Rust-Proof Company, Detroit, Mich. Phosphate coating of metals. 2,375,468; May 8.
Cliffs-Dow Chemical Company: *See*— Harrison, Robert R., assignor.
Clifton, Charles A., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Controller mechanism. 2,366,441; Jan. 2.
Clifton, Robert E., assignor to The Fulflo Specialties Company, Inc., Blanchester, Ohio. Relief valve. 2,366,596; Jan. 2.
Climax Molybdenum Company: *See*— Linz, Arthur, assignor.
Parke, R. M., and Bens, assignors.
Cline, Delbert G., New Castle, assignor to H. & A. Selmer, Inc., Elkhart, Ind. Molding form. 2,374,420; Apr. 24.
Cline, Edwin L., Philadelphia, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Stabilization of polymerizable compounds. 2,383,043; Aug. 21.
Cline, McGarvey, Jacksonville, Fla. Continuous retort. 2,385,775; Oct. 2.
Clingan, Irvine C., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Polishing stainless iron and steel. 2,379,066; June 26.
Clinkscale, Roy W., Vallejo, Calif., and W. McL. Hague and E. W. Sylvester, U. S. Navy. Cable connector. 2,379,424; July 3.
Clinton, Charles H., assignor to Spray Wax Sales Co., Milwaukee, Wis. Spray coating composition. 2,380,219; July 10.
Cloney, John H., Waterbury, Conn. Magnetic glazier's tool. 2,369,021; Feb. 6.
Clopay Corporation: *See*— Thexton, Arthur L., assignor.
Closson, Luke E., Detroit, Mich., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Antenna. 2,373,660; Apr. 17.
Cloud, Gould H.: *See*— Miller, P., and Cloud.
Cloud, Gould H., Linden, N. J., assignor to Standard Catalytic Company. Production of Diesel fuels. 2,366,490; Jan. 2.
Cloud, Raymond T., Los Angeles, Calif., assignor by mesne assignments, to Stanolind Oil and Gas Company, Tulsa, Okla. Amplification control in seismic surveying. 2,375,283; May 8.
Clough, Newsome H.: *See*— Green, E., and Clough.
Cloutier, Arthur N., Lonsdale, assignor to Hemphill Company, Central Falls, R. I. Method of knitting. 2,369,774; Feb. 20.
Cloutier, Arthur N., Lonsdale, assignor to Hemphill Company, Central Falls, R. I. Split-foot knitting machine. 2,385,611; Sept. 25.
Cloutier, Margaret M.: *See*— Cloutier, Raymond J. and M. M.
Cloutier, Raymond J., assignor of one-half to M. M. Cloutier, New Bedford, Mass. Cigarette and cigar holder. 2,371,426; Mar. 13.
Clover Foundry Company, The: *See*— Flora, Rudolph F., assignor.
Clow, James B., & Sons: *See*— Smotzer, Michael C., assignor.
Clowe, Henry W.: *See*— Sydenham, H. G., Clowe, and Du Bois.
Clower, Joseph B., Woodstock, Va. Dispensing attachment for containers. 2,385,195; Sept. 18.
Club Aluminum Products Co.: *See*— Peterson, Amos J., assignor.
Cluett, George B., 2nd.: *See*— Lake, Thomas A. E., assignor.
Cluett, Peabody & Co., Inc.: *See*— Touloumis, Simon, assignor.
Clute, Foster L.: *See*— Jorgenson, R. J., and Clute.
Clyburn, Andrew D., New Orleans, La., assignor of fifty percent to D. B. Shourds, Gulfport, Miss., C. E. Hooton, Houston, Tex., and E. Mogabgab, New Orleans, La. Holder for welding electrodes. 2,374,421; Apr. 24.
Clyde Iron Works, Inc: *See*— Berby, O. L., and Fox, assignors.
Coakley, Joseph P., Woodbine, N. J. Bee hive tool. 2,369,815; Feb. 20.
Coal Processing Company, The: *See*— Crecelius, Lawrence P., assignor.
Coast Reduction, Inc.: *See*— Cape, A. T., Foerster, and Griswold, assignors.
Coates, Clyde E., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Hydraulic butt welder control. 2,373,226; Apr. 10.
Coates, Porter J., Cleveland, Ohio. Device for exterminating rats, etc. 2,371,152; Mar. 13.
Coats, Paul B., Chicago, Ill. Broom duster. 2,382,205; Aug. 14.
Coats, Paul B., Chicago, Ill. Mop. 2,384,602; Sept. 11.
Cobb, Everett H., Pawtucket, R. I., assignor of one-half to R. N. Stokes, Barrington, R. I. Winding machine. 2,371,876; Mar. 20.
Cobb, Frederick G., Charlotte, N. C., assignor to Pacific Mills, Boston, Mass. Loom. 2,373,293; Apr. 10.
Cobb, Le Roy E., assignor to Shakespeare Products Company, Kalamazoo, Mich. Knob assembly for control devices. 2,375,894; May 15.

Cobb, Robert S., and W. B. Moore, assignors to The Moore Enameling & Manufacturing Company, West Lafayette, Ohio. Making enameled cooking utensils. 2,388,723; Nov. 13.
Cobel, Ray C., assignor to A. H. Heisey & Company, Newark, Ohio. Glass receptacle. 2,378,355; June 12.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Fluid-operated pumping mechanism. 2,368,346; Jan. 30.
Cobourn, Delbert F., Portsmouth, Ohio, assignor to The Union Switch and Signal Company, Swissvale, Pa. Apparatus for controlling railway switches. 2,367,716; Jan. 23.
Cochran, Clyde E., Cleveland, Ohio, assignor to The Elwell-Parker Electric Company. Preventing the unauthorized operation of industrial trucks and the like. 2,389,765; Nov. 27.
Cocken, William Y., Jr., Pittsburgh, Pa. Floor structure. 2,377,211; May 29.
Cocken, William Y., Jr., Pittsburgh, Pa. Stair structure. 2,377,994; June 12.
Cocker Machine and Foundry Company: *See*—
Bodansky, John C., assignor.
Bodansky, J. C., and Whitener.
Cockerell, Christopher S., Chelmsford, England, assignor to Radio Corporation of America. Graduated scale indicator, such as may be used as tuning scales for radio receivers. 2,373,168; Apr. 10.
Cockerell, Christopher S., Chelmsford, England, assignor to Radio Corporation of America. Holder for piezo-electric crystals. 2,382,366; Aug. 14.
Cockley, Neel I., Chesney Downs, assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,376,573; May 22.
Cocks, Basil W. H., Middle Park, Victoria, Australia. Flight level indicating instrument. 2,383,468; Aug. 28.
Cocozella, Anthony, Lynn, Mass. Shoemaking. 2,370,937; Mar. 6.
Coddington, Howard O., assignor to Andrews Company, Spartansburg, S. C. Ball bearing. 2,382,975; Aug. 21.
Coddington, Lloyd, assignor to Continental Machines, Incorporated, Minneapolis, Minn. File band. 2,372,553; Mar. 27.
Codish, George, New York, N. Y. Outsole. 2,385,690; Sept. 25.
Codish, George, New York, N. Y. Apparatus for making shoe soles. 2,390,991; Dec. 18.
Codlin, James B., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Throttle lever. 2,378,688; June 19.
Codman, F. L., & J. C. Company: *See*—
Hall, E. W., and Rock, assignors.
Coe, Albert A., Seattle, Wash., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,374,526; Apr. 24.
Coe, Eric R. C.: *See*—
Connery, A. F., and Coe.
Coe, George B., Upper Montclair, N. J., assignor to Rockrite Processes, Inc., Stamford, Conn. Tube reducing mill. 2,388,251; Nov. 6.
Coe, Jerome T.: *See*—
Reed, C. E. and Coe.
Coe Laboratories, Inc.: *See*—
Vallandigham, Vance V., assignor.
Coe, Reginald T: *See*—
Robinson, T. F., Coe, and Welch.
Coe, Urie M., Regina, Mont. Haystack fence. 2,376,903; May 29.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Vitrified grinding wheels. 2,377,995; June 12.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Primary aromatic amine formaldehyde resins and compositions and methods of making the same. 2,378,831; June 19.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Primary aromatic amine aldehyde resins, methods of hardening the same, and products thereof. 2,378,832; June 19.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Cross linked primary aromatic amine formaldehyde resins and making the same. 2,378,833; June 19.
Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Primary aromatic amine aldehyde resin, products, and making the same. 2,378,834; June 19.
Coes, Loring, Jr., Brookfield, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of methacrylic acid. 2,379,625; July 3.
Coffed, Earl J., Depew, N. Y. Sash ventilator. 2,376,230; May 15.
Coffelt, Lowell E., Portland, Oreg. Waterwheel mounting. 2,385,967; Oct. 2.
Coffey, Daniel J., New York, N. Y. Cutter for containers 2,371,505; Mar. 13.
Coffey, Elmer W., La Grange, assignor to H. P. Smith Paper Company, Chicago, Ill. Rewinding mechanism. 2,387,644; Oct. 23.
Coffey, Irven E.: *See*—
Ericson, G. R., and Coffey.
Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Pivotal mounting. 2,369,535; Feb. 13.
Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel pump. 2,381,259; Aug. 7.
Coffin, Bruce A., Peabody, Mass. Golf tee. 2,391,392; Dec. 25.
Coffin, George M., Hinsdale, Ill. Trapper's tool. 2,382,774; Aug. 14.
Coffin, Joel S., Jr., Englewood, N. J., and C. A. Schellens, Clifton, Mass., assignors to C-S Engineering Company, Englewood, N. J. Locomotive superheater. 2,379,217; June 26.
Coffing, Frederick W., Danville, Ill. Combination hoist, jack, and wire stretcher. 2,377,324; June 5.
Coffing, Fredrick W., Danvilile, Ill. Motor vehicle and jack lifting connection. 2,378,835; June 19.
Coffing, Fredrick W., Danville, Ill. Motor vehicle and jack lifting connection. 2,378,836; June 19.
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl compounds and polymers therefrom. 2,374,078; Apr. 17.
Coffman, Donald D., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ether esters. 2,384,726; Sept. 11.
Coffman, Donald D., Lindamere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Products and process therefor. 2,387,495; Oct. 23.
Coffman, Donald D., Lindamere, and W. L. Alderson, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic nitrogen-containing compounds and their production. 2,373,870; Apr. 17.
Coffman, Donald D., and H. B. Stevenson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic linear polyamides. 2,388,676; Nov. 13.
Coffman, Raphael T., North Arlington, and B. M. Marks, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of organic liquids. 2,391,393; Dec. 25.
Cogan, Howard D., and R. W. Quarles, Pittsburgh, Pa. assignors to Carbide and Carbon Chemicals Corporation. Plastic composition containing polyvinyl partial acetal resins. 2,387,831; Oct. 30.
Cogbill, Joseph A., Fanwood, N. J. Wrench. 2,391,394; Dec. 25.
Coggeshall, Earl J: *See*—
Nelms, G. C., Coggeshall, Berry, and Wilbur.
Coggeshall, Thellwell R., Bala Cynwyd, Pa., assignor to General Eelectric Company. Control of electric switches. 2,381,336; Aug. 7.
Coggins, George F: *See*—
Waldman, S., and Coggins.
Coghill, Philip S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bag closure. 2,369,716; Feb. 20.
Coghill, Philip S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bag closure. 2,373,744; Apr. 17.
Coghill, Robert D., and R. T. Milner, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Heat transfer composition. 2,369,435; Feb. 13.
Coghlan, Charles A., Beacon, N. Y., and K. J. Korpi, Pasadena, Calif., assignors to The Texas Company, New York, N. Y. Solvent separation of unsaturated hydrocarbon mixtures. 2,372,176; Mar. 27.
Cogswell, Elliot P., Baltimore, Md., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Wiring and the like clip device. 2,376,314; May 15.
Cohan, Albert A. J., Philadelphia, Pa. Safety lock. 2,378,837; June 19.
Cohen, Aaron: *See*—
Bergel, F., and Cohen.
Bergel, F., Cohen, and Haworth.
Cohen, Abraham L., New York, N. Y. Glass-lifting device. 2,370,938; Mar. 6.
Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Soluble oil and producing same. 2,388,677; Nov. 13.
Cohen, Edward E., Boston, Mass. Shoe tap blank. 2,367,334; Jan. 16.
Cohen, Eli A., Stoneham, Mass. Counter portion for shoes. 2,391,445; Dec. 25.
Cohen, Eli A., Stoneham, Mass. Making counter portions. 2,391,446; Dec. 25.
Cohen, Frank A., Brooklyn, N. Y. Form constricting and molding garment. 2,388,525; Nov. 6.
Cohen, Harold, Elizabeth, N. J. Tower or mast. 2,369,533; Feb. 13.
Cohen, Harold, Elizabeth, N. J. Tower or mast. 2,369,534; Feb. 13.
Cohen, Harold, Elizabeth, N. J. Boom. 2,377,758; June 5.
Cohen, Harold, Elizabeth, N. J. Tower or mast construction. 2,387,120; Oct. 16.
Cohen, Harold A., Kingston, Ontario, Canada. Vent plug. 2,376,123; May 15.
Cohen, Harold W., assignor to Bee Bee Shoe Company, Manchester, N. H. Footwear. 2,379,681; July 3.
Cohen, Harry L., New York, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Slitting and scoring machine. 2,377,130; May 29.

Cohen, Jacob, Los Angeles, Calif., now by judicial change of name Jack Victor Conway. Book lamp. 2,377,538; June 5.
Cohen, Jacob M., Washington, D. C. Protecting metal surfaces. 2,369,946; Feb. 20.
Cohen, Jess, et al.: *See*—
Konikoff, Robert H., assignor.
Cohen, Jesse J., assignor of fifteen percent to J. Heller, New York, N. Y. Water repellent composition and utilizing same. 2,375,348; May 8.
Cohen, Louis, et al.: *See*—
Maroney, Thomas A., assignor.
Cohen, Magnus, Chiswick, London, England. Button. 2,383,238; Aug. 21.
Cohen, Marvyn, et al.: *See*—
Maroney, Thomas A., assignor.
Cohen, Max, Rochester, N. Y. Toy pistol. 2,376,662; May 22.
Cohen, May M.: *See*—
Cohen, Meyer, assignor.
Cohen, Meyer, assignor to M. M. Cohen, Forest Hills, N. Y. Holder. 2,389,717; Nov. 27.
Cohen, Morris, Kansas City, Mo., and D. W. Enoch, G. Hasty, and G. A. Jorgenson, Chicago, Ill., assignors to Interstate Bakeries Corporation, Kansas City, Mo. Treating dough. 2,383,774; Aug. 28.
Cohen, Nathan G., Brooklyn, N. Y. Animated toy. 2,378,190; June 12.
Cohen, Samuel A., Berkeley, C. D. Thurmond, El Cerrito, and L. S. Read, Piedmont, assignors to The Paraffine Companies, Inc., San Francisco, Calif. Floor covering drying oil vehicle and process therefor. 2,381,486; Aug. 7.
Cohen, Saul, et al.: *See*—
Maroney, Thomas A., assignor.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Control apparatus. 2,374,652; May 1.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Burner control apparatus. 2,388,386; Nov. 6.
Cohen, Theodore A., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. System for measuring the time interval for moving bodies to traverse predetermined distances. 2,388,387; Nov. 6.
Cohn, David: *See*—
Rolfsen, George B., assignor.
Cohn, David J., Chicago, Ill. Pipette. 2,376,231; May 15.
Cohn, David J., Chicago, Ill. Oxygen tent unit. 2,390,693; Dec. 11.
Cohn, Edwin J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Protein product and process. 2,390,074; Dec. 4.
Cohn, Edwin J., Cambridge, and J. D. Ferry, Woods Hole, Mass., assignors to Research Corporation, New York, N. Y. Manufacture of plastic compositions. 2,385,803; Oct. 2.
Cohn-Hall-Max Co.: *See*—
Rouse, Lillian M., assignor.
Cohn, Harold J., Los Angeles, Calif., assignor to Automatik Venetian Hardware Corporation. Cordless Venetian blind. 2,390,826; Dec. 11.
Cohn, Joseph: *See*—
Cohn, S. and J., and Walter.
Cohn, Samuel, New York, N. Y. Fabric cutting system. 2,387,386; Oct. 23.
Cohn, Samuel and J., New York, and J. G. Walter, Ridgewood, N. Y. Apparatus for spreading tubular fabrics. 2,385,402; Sept. 25.
Cohn, Samuel, New York, and J. G. Walter, Ridgewood, N. Y. Fabric feeding system. 2,391,547; Dec. 25.
Coker, John B., San Diego, Calif., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling score projector. 2,381,260; Aug. 7.
Colberg, Olaf A., Maywood, Ill., assignor to Replogle Globes, Inc. Geographical globe construction. 2,368,347; Jan. 30.
Colbert, William H., Brackenridge, Pa., assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mirror or reflector. 2,390,424; Dec. 4.
Colbert, William H., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cleaning and coating glass, plastics, and other surfaces. 2,383,469; Aug. 28.
Colbert, William H. Brackenridge, Pa., and W. L. Morgan, Columbus, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mirror and reflector. 2,387,745; Oct. 30.
Colbeth, Ivor M., Maplewood, N. J. Treating organic compounds to produce drying products. 2,388,122; Oct. 30.
Colburn, Richard R., Waterloo, Iowa. Paving. 2,374,732; May 1.
Colby, Joseph M.: *See*—
Crawford, D. J., and Colby.
Colby, Joseph M., Grosse Pointe, Mich. Gun mount. 2,370,148; Feb. 27.
Colby, Joseph M., United States Army, Lake Mills, Iowa. Firing grip. 2,383,471; Aug. 28.
Coldehoff, Ferdinand A.: *See*—
Blount, H., and Coldehoff.
Coldwell, Joe D., assignor to E. Boydell & Company Limited, Manchester, England. Reversible steering mechanism for mechanically propelled vehicles. 2,384,890; Sept. 18.
Coldwell, John S.: *See*—
Coldwell, Joseph, assignor.
Ehlers, G. M., Coldwell, and Kodama.
Coldwell, Joseph, assignor to J. S. Coldwell, Fall River, Mass. Shuttle threading and tensioning device. 2,383,239; Aug. 21.
Cole, Allen T.: *See*—
Schilling, K. F., Cole, Duke, and Houston.
Cole, Arthur E., Detroit, Mich. Ice tray. 2,367,098; Jan. 9.
Cole, Arthur R., Bridgeport, Conn. Roller carrier device. 2,367,754; Jan. 23.
Cole, Bernard T., Burbage, assignor to B. Toone (Nottingham) Limited, Nottingham, England. Knitting hosiery and circular knitting machine therefor. 2,372,554; Mar. 27.
Cole, Donald P., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Frequency modulation system. 2,390,777; Dec. 11.
Cole, Edward J., Peekskill, assignor to Cole Machinery Mfg. Corp., New York, N. Y. Apparatus for feeding and orienting crowned nut or article blanks. 2,379,564; July 3.
Cole, Edward J., Peekskill, N. Y., assignor to Cole Machinery Mfg. Corp. Cold rolled grip bolt. 2,380,944; Aug. 7.
Cole, Edward J., Peekskill, assignor to Cole Machinery Mfg. Corp., New York, N. Y. Making grip nuts from punched blanks. 2,388,467; Nov. 6.
Cole Electric Products Co. Inc.: *See*—
Jensen, Helge, assignor.
Cole, Emory W., Alto, Tex. Steerable front wheel drive tractor. 2,376,419; May 22.
Cole, George A., East Cleveland, Ohio. Cutoff tool. 2,391,133; Dec. 18.
Cole, Gilmoure N.: *See*—
Parkins, W. A., Cole, and Smith.
Cole, Gilmoure N., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Attachment joint. 2,380,684; July 31.
Cole, Gordon M., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Production of calcium citrate. 2,389,766; Nov. 27.
Cole, John W.: *See*—
Julian, P. L., Cole, Magnani, and Conde.
Cole Machinery Mfg. Corp.: *See*—
Cole, Edward J., assignor.
Cole, Nelson E., assignor to Parish Pressed Steel Company, Reading, Pa. Adjustable splice. 2,366,698; Jan. 9.
Cole, Paul M., Auburn, N. Y., and A. Lodge, Meadville, Pa., assignors to American Viscose Corporation, Wilmington, Del. Method and apparatus for treating filamentary material. 2,371,579; Mar. 13.
Cole, Ralph C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of hydrofluoric acid. 2,376,328; May 22.
Cole, Robert M., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Application of metal sulphide catalysts. 2,373,626; Apr. 10.
Cole, Sandford S.: *See*—
Agnew, W. Y., and Cole.
Kingsbury, F. L., Cole, and Anderson.
Cole, Thomas M., New York, N. Y., assignor to Federal Electric Products, Inc., Newark, N. J. Circuit breaker. 2,370,448; Feb. 27.
Cole, Thomas M., New York, N. Y., assignor to Federal Electric Products Company, Inc., Newark, N. J. Switch operating mechanism. 2,379,130; June 26.
Colegrove, Charles E., Lakewood, Ohio, assignor to Sears, Roebuck and Company, Chicago, Ill. Presser bar vibrating device for darning. 2,386,840; Oct. 16.
Colegrove, Charles E., Lakewood, Ohio, assignor to Sears, Roebuck and Company, Chicago, Ill. Sewing machine arm. 2,390,571; Dec. 11.
Coleman, Arnold B., Chicago, Ill. Projector utility case. 2,390,922; Dec. 11.
Coleman, Clarence E., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion apparatus. 2,387,718; Oct. 30.
Coleman, Edwin D., Maywood, Ill. Electrode structure for pH measurement and control devices. 2,383,450; Aug. 28.
Coleman, Gerald H.: *See*—
Britton, E. C., Coleman, and Schroeder.
Coleman, Gerald H., assignor to The Dow Chemical Company, Midland, Mich. N-hydrocarbon substituted alkanolamine salts of halo-phenols. 2,382,976; Aug. 21.
Coleman, Gerald H., and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal and fungicidal materials. 2,369,137; Feb. 13.
Coleman. Gerald H., W. D. Schroeder, and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal amides. 2,384,811; Sept. 18.
Coleman, Gerald H., W. D. Schroeder, and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal toxicants. 2,384,812; Sept. 18.

Coleman, Gerald H., and F. B. Smith, assignors to The Dow Chemical Company, Midland, Mich. N-hydrocarbon substituted alkanolamine salts of dinitro-phenols. 2,385,795; Oct. 2.

Coleman, Gerald H., W. D. Schroeder, and G. A. Griess, assignors to The Dow Chemical Company, Midland, Mich. Insecticidal compositions. 2,386,779; Oct. 16.

Coleman, John H.: *See*—
Ten Eyck, H. S., Chocholak, and Coleman.

Coleman, John H., Plainfield, N. J., assignor to Southern Phosphate Corporation, Baltimore, Md. Manufacture of pure phosphoric acid. 2,384,813; Sept. 18.

Coleman, John H., Planifield, N. J., assignor to Southern Phosphate Corporation, New York, N. Y. Production of pure phosphoric acid and intermediate products. 2,384,814; Sept. 18.

Coleman Lamp and Stove Company, The: *See*—
Coleman, W. C., and Martin, assignors.
Martin, Russell, assignor.
Olds, Ambrose D., assignor.

Coleman, Philip G., Jacksonville, Fla. Level-wind mechanism. 2,377,996; June 12.

Coleman, Philip G., assignor of one-fourth to R. Troxel, Cincinnati, Ohio. Closure. 2,381,207; Aug. 7.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparing zein solutions directly from gluten. 2,377,290; May 29.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparation of zein solutions directly from gluten. 2,377,291; May 29.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparing zein solutions directly from gluten. 2,388,388; Nov. 6.

Coleman, Roy E., Chicago, Ill., assignor to Time, Incorporated. Preparation of zein solutions directly from gluten. 2,388,389; Nov. 6.

Coleman, William C., and R. Martin, assignors to The Coleman Lamp and Stove Company, Wichita, Kans. Heater unit for air circulating heaters. 2,386,437; Oct. 9.

Coley, Nelson B., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuits for railroads. 2,381,722; Aug. 7.

Colgate-Palmolive-Peet Company: *See*—
Allen, H. D., and Kline, assignors.
Arrowsmith, C. J., and Ross, assignors.
Davey, Warren, assignor.
Dreger, Emil E., assignor.
Dreger, E. E., and Bell, assignors.
Glossop, Glenn A., assignor.
Ittner, Martin H., assignor.
Keim, Gerald I., assignor.
Keim, G. I., and Ross, assignors.
Kirschenbauer, Hans G., assignor.
Percy, Joseph H., assignor.
Meredith, Trenton, assignor.
Mitchell, Joseph E., assignor.
Ross, John, assignor.
Trent, Walter R., assignor.
Turck, Joseph A. V., Jr., assignor.
Turck, J. A. V., Jr., and Ross, assignors.
Walker, G. D., Oulsnam, and Krysa, assignors.

Colgren, Charles A., Jeffersonville, Ind. Cushion tire. 2,378,130; June 12.

Colica, Vincenzo, Brooklyn, N. Y. Rudder tiller lock. 2,367,186; Jan. 16.

Collatz, Ferdinand A., St. Paul, Minn., assignor to General Mills, Inc. Making cereal product. 2,388,904; Nov. 13.

Colley, Arthur R.: *See*—
Spurlino, P., Carroll, Colley, and Kibler.
Spurlino, P., Colley, Lehman, and Gantner.

Colley, Arthur R., Oakwood, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,390,870; Dec. 11.

Colley, George F., assignor to W. R. Beddingfield, Augusta, Ga. Cable terminal lifter for batteries. 2,375,081; May 1.

Colley, George F., assignor to W. R. Beddingfield, Augusta, Ga. Adjustable wrench or pliers. 2,375,082; May 1.

Colley, Russell S., Kent, and C. P. Krupp, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Detachable junction box for inflatable suits. 2,389,895; Nov. 27.

Collie, Benjamin: *See*—
Burgoine, E., Collie, and New.

Collier, Nolan O., Sr.: *See*—
Collier, Nolan O., Jr., assignor.

Collier, Nolan O., Jr., assignor of one half to N. O. Collier, Sr., Montgomery, Ala. Exhaust concealing and silencing device. 2,372,765; Apr. 3.

Collier, William B., Tallmadge, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pulley. 2,371,283; Mar. 31.

Collings, Frederick C., Jr., Riverton, N. J., assignor to Radio Corporation of America. Facsimile apparatus. 2,376,034; May 15.

Collings, Frederick C., Jr., Riverton, N. J., assignor to Radio Corporation of America. Facsimile apparatus. 2,376,035; May 15.

Collings, Thomas J., New York, N. Y. Motor vehicle. 2,377,838; June 5.

Collings, William R., R. D. Freeman and M. J. Roberts, Midland, Mich., and W. O. Hisey, Syracuse, N. Y., assignors to The Dow Chemical Company, Midland, Mich. Purification of wood pulp. 2,385,259; Sept. 18.

Collins, Arthur A., El Paso, Tex., assignor to America Smelting and Refining Company, New York, N. Y. Smelting copper-lead drosses and the like. 2,381,970; Aug. 14.

Collins, Benjamin W., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Gas purification. 2,378,689; June 19.

Collins, Benjamin W., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Identification of materials. 2,390,512; Dec. 11.

Collins, Burton T., Eureka, Utah. Combination science table. 2,377,539; June 5.

Collins, Edith M., Albany, N. Y. Cabinet. 2,370,231; Feb. 27.

Collins, Gladstone E., Atlanta, Ga. Fare receiver. 2,367,999; Jan. 23.

Collins, Harry, New York, N. Y. Undergarment. 2,383,590; Aug. 28.

Collins, Henry M., Shawinigan Falls, Quebec, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polymerization in emulsion. 2,388,600; Nov. 6.

Collins, Henry M., Shawinigan Falls, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polymerization of vinyl esters. 2,388,601; Nov. 6.

Collins, Hope L., Ferndale, Mich. Work holding device. 2,378,912; June 26.

Collins, Howard W., Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Making and packaging strands of material. 2,386,158; Oct. 2.

Collins, James J., New York, N. Y. Firearm. 2,386,543; Oct. 9.

Collins, John N., Birmingham, and C. Ashton, Wakefield, England. Apparatus for cooling, drying, and desilting granular material. 2,384,891; Sept. 18.

Collins, Laurence J., Marblehead, Mass., assignor to General Electric Company. Torque applying device. 2,371,607; Mar. 20.

Collins, Paul F., assignor to Austenal Laboratories, Inc., Chicago, Ill. Refractory mold. 2,380,945; Aug. 7.

Collins Radio Company: *See*—
May, Richard W., assignor.
Oberweiser, Gilbert E., assignor.
Wulfsberg, Paul G., assignor.

Collins, Ralph A., White Plains, N. Y., assignor to The Reece Button Hole Machine Company, Boston, Mass. Stop mechanism operating means. 2,367,187; Jan. 16.

Collins, Tappan, Dormont, Pa., assignor to Carnegie-Illinois Steel Corporation. Producing structural members. 2,376,574; May 22.

Collins, William B.: *See*—
Russell, J. K., Collins, and Boggs.

Collins, William P., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Storm window. 2,375,349; May 8.

Collito, Victor S., Newark, N. J. Spherical self-alignment bearing device. 2,380,150; July 10.

Collom, Cletus J., Detroit, Mich. Timing control system. 2,391,009; Dec. 18.

Colman, Frederick & Sons, Inc.: *See*—
Berg, William A., assignor.

Colman, Henry J., Addlestone, England. Self-locking nut. 2,367,929; Jan. 23.

Colman, Howard B., Belleville, assignor to National Oil Products Company, Harrison, N. J. Preparation of vitamin B concentrates. 2,369,775; Feb. 20.

Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. System of communication. 2,380,894; July 31.

Colombo, Achille, New York, N. Y. Typewriting machine. 2,375,526; May 8.

Colonial Broach Company: *See*—
Gotberg, Harry H., assignor.
Welte, Benedict, assignor.

Colonial Insulator Company, The: *See*—
Hemphill, Rayburn W., assignor.

Colonial Radio Corporation: *See*—
Chandler, James F., assignor.
McGarvey, Harold J., assignor.

Colonnade Company, The: *See*—
Roberts, Arthur, assignor.

Colony, Donald G.: *See*—
Colony, John M., assignor.

Colony, John K.: *See*—
Colony, John M., assignor.

Colony, John M., deceased, West Newton; M. W. Colony, executrix, assignor to D. G. Colony, Cambridge, and J. K. Colony, Newton, Mass. Homogenizing machine. 2,389,486; Nov. 20.

Colony, Margaret W., executrix: *See*—
Colony, John M.

Color Research Corporation: *See*—
Grimson, Samuel B., assignor.

Colorado Iron Works Company: *See*—
Abbott, R. H., and Dickson, assignors.
Dickson, Thomas A., assignor.

Colson, Herman H., Teaneck, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Work handling unit. 2,390,293; Dec. 4.

Colt, Rutger B., Baltimore, Md., and R. R. Chappell, Richmond, Va., assignors to Bendix Aviation Corporation, South Bend, Ind. Recording system. 2,374,653; May 1.

Colton, Henry S., Cleveland, Ohio, R. L. Knowles, Bronxville, N. Y., and R. W. Frischmuth, Cleveland, Ohio. Producing sodium and potassium phosphates. 2,387,746; Oct. 30.
Colt's Patent Fire Arms Manufacturing Company: *See*—
Conner, Benjamin F., assignor.
Ironside, George, assignor.
Swartz, William L., assignor.
Webb, George, assignor.
Colucci, Giovanni, Harbor Island, and J. Colucci, Jr., Wilmington, N. C. Machine for cutting veneer. 2,379,682; July 3.
Colucci, John, Jr.: *See*—
Colucci, Giovanni and J.
Columbia Blindstitch Machine Co., Inc.: *See*—
Schifter, Joseph, assignor.
Columbia Mills, Inc., The: *See*—
Shirley, Clifford H., assignor.
Columbia Protektosite Company, Inc.: *See*—
Baldanza, Nicholas T., assignor.
Columbia River Packers Association, Inc.: *See*—
Hendrickson, Jay D., assignor.
Columbian Bank Note Company: *See*—
Francescon, Daniel L., assignor.
Columbian Carbon Company: *See*—
Wiegand, W. B., and Braendle, assignors.
Columbian Rope Company: *See*—
Bowen, Kenneth H., assignor.
Koon, Archie W., assignor.
Peacock, Ralph W., assignor.
Wilson, Earl L., assignor.
Columbus Auto Parts Company, The: *See*—
Flumerfelt, William A., assignor.
Columbus Coated Fabrics Corporation: *See*—
Hedges, W. D., Lowman, and Kerr, assignors.
Hyatt, C. S., and Kerr, assignors.
Columbus McKinnon Chain Corporation: *See*—
Manney, C. J., and Moore, assignors.
Parker, Humphrey F., assignor.
Parker, H. F., and Stinson, assignors.
Winter, Otto W., assignor.
Winter, O. W., and Middlestead, assignors.
Columbus Show Case Company, The: *See*—
Aschinger, William F., assignor.
Colvin, James W., and F. V. H. Judd, assignors to United Aircraft Corporation, East Hartford, Conn. Fuel proportioning device. 2,372,766; Apr. 3.
Colwell, Archie T., Cleveland, Ohio, assignor to Thompson Products, Inc. Polishing hollow stem valves. 2,373,459; Apr. 10.
Colwell, Otha L.: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell.
Combs, Elisha T.: *See*—
Olsen, B. A., Combs, and Nelson.
Combustion Engineering Company, Inc.: *See*—
Biery, John E., assignor.
Harris, Anderson W., assignor.
Kruger, Theodore, assignor.
Patterson, Ward S., assignor.
Patterson, W. S., and Barnes, assignors.
Place, Palmer B., assignor.
Comet Model Airplane & Supply Company: *See*—
Goldberg, Carl, assignor.
Comey, Fred H.: *See*—
Kraft, H. T., and Comey.
Comfort, Harry B., Webster Groves, Mo. Angle plate. 2,366,385; Jan. 2.
Comfort Products Corporation: *See*—
Spitzka, Bruno J., assignor.
Comfy Manufacturing Company, The: *See*—
Waranch, Theodore, assignor.
Comiskey, Frederick K.: *See*—
Coss, G. R., and Comiskey.
Commer Cars Limited: *See*—
White, Charles H., assignor.
Commerce, United States of America as represented by the Secretary of: *See*—
Deitz, Victor R., assignor.
Isbell, Horace S., assignor.
Commercial Controls Corporation: *See*—
Dohl, R. A., and Ziegelhoefer, assignors.
Ryan, Commodore D., assignor.
Ryan, C. D., and Drake, assignors.
Sager, F. P., and Ryan, assignors.
Sager, F. P., Bergmark, Ryan, and Atherton, assignors.
Commercial Solvents Corporation: *See*—
Bogin, Charles, assignor.
Dolian, Frank E., assignor.
Hines, George E., Jr., assignor.
Hodge, Edward B., assignor.
Johnson, Harold G., assignor.
McMillan, Graham W., assignor.
Morey, Glen H., assignor.
Rudert, Frank J., assignor.
Senkus, Murray, assignor.
Smith, Everet F., assignor.
Stengel, L. A., and Maple, assignors.
Tryon, Philip F., assignor.
Walton, Milford T., assignor.
Wampner, Herbert L., assignor.
Commonwealth Engineering Company of Ohio, The: *See*—
Waldie, William A., assignor.
Communication Patents, Inc.: *See*—
Nicholson, Alexander M., assignor.
Compagnon, Patrice H. M., and J. N. L. Le Bras, Paris, France; vested in the Alien Property Custodian. Processes for the amelioration of rubber. 2,388,905; Nov. 13.
Compain, Jerónimo D., Central Senado, Cuba. Hand soap. 2,373,460; Apr. 10.
Compare, Alberto, Milan, Italy; vested in the Alien Property Custodian. Automatic record disk changing device for phonographs. 2,371,222; Mar. 13.
Compo Shoe Machinery Corporation: *See*—
Card, William C., assignor.
Card, William C., Jr., assignor.
Crandell, Ervin L., assignor.
Macdonald, Kenneth W., assignor.
Marasco, Harold E., assignor.
Natanson, Michael, assignor.
Smith, John F., assignor.
Stratton, Michael G., assignor.
Comprehensive Fabrics, Inc.: *See*—
Hannan, Douglas, assignor.
Comptois, Gedeon R., New York, N. Y. Tobacco pipe. 2,391,548; Dec. 25.
Compton, George R.: *See*—
Bosch, Edward S., assignor.
Compton, Henry P., assignor of one-fourth to J. A. Autry, one-fifth to C. M. Tucker, one-fifth to W. A. Stewman, twenty one-two hundredths to A. K. Doss, one-four hundredths to R Scott, Abilene, and one-fiftieth to S. Snodgrass, San Angelo, Tex. Parking time indicator. 2,369,717; Feb. 20.
Compton, Henry P., and J. A. Autry, Abilene, Tex. Package vending machine. 2,373,014; Apr. 3.
Compton, Jack, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Organic sulphur compounds. 2,388,468; Nov. 6.
Compton, James A., South Euclid, Ohio, assignor to Pesco Products Co. Booster pump. 2,370,778; Mar. 6.
Compton, James A., South Euclid, and A. Paul, Cleveland, Ohio, assignors to Pesco Products Co. Pump diaphragm seal. 2,382,960; Aug. 21.
Compton, Norman A., Suitland, Md. Ridge counter appliance. 2,382,206; Aug. 14.
Compton, Walter A., and J. M. Treneer, assignors to Miles Laboratories, Inc., Elkhart, Ind. Tablet and dissolving same. 2,387,244; Oct. 23.
Comstock, Alfred E., assignor to The Murray Corporation of America, Detroit, Mich. Burnishing tool. 2,378,838; June 19.
Comstock, Earle H., Norwalk, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Stabilized aldol-alpha-naphthylamine. 2,370,011; Feb. 20.
Comstock, Gregory J., Summit, N. J., assignor to F. W. Berk & Company, New York, N. Y. Comminution of molten metals. 2,384,892; Sept. 18.
Comstock, Rock L., Weeks, assignor to Bay Chemical Company, Inc., New Orleans, La. Stabilized furfural. 2,384,238; Sept. 4.
Comstock, Rock L., and H. F. Reeves, Jr., Weeks, assignors to Bay Chemical Company, Inc., New Orleans, La. Furfural stabilizer. 2,382,207; Aug. 14.
Conant, David J., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Fluid coupling. 2,389,841; Nov. 27.
Conard, Harry N.: *See*—
Robertson, T. C., Conard, and Richards.
Conaway, Ernest A., and J. H., Chicago, Ill. Seal tag. 2,372,811; Apr. 3.
Conaway, Jean H.: *See*—
Conaway, Ernest A., and J. H.
Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2-methyl-4-keto-1,3-dioxolane. 2,370,779; Mar. 6.
Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stretching cellulose ester yarn. 2,385,403; Sept. 25.
Conboy, Russell D., Waterbury, assignor to Casco Products Corporation, Bridgeport, Conn. Heat-responsive device. 2,367,639; Jan. 16.
Conde, Harold E.: *See*—
Julian, P. L., Cole, Magnani, and Conde.
Condenser Development Corporation: *See*—
Cramer, Stanley S., assignor.
Teaf, John H., assignor.
Condit, Park N., Newton, Mass. Absorbent holder. 2,382,385; Aug. 14.
Condon, Robert S., Rutland, Vt. Milling machine. 2,383,910; Aug. 28.
Cone Automatic Machine Company Inc: *See*—
Ingalls, John, assignor.
Miller, C. E., and Ingalls, assignors.
Cone, Charles N., assignor to M and M Wood Working Company, Portland, Oreg. Producing weather-resistant glue bond. 2,389,183; Nov. 20.
Cone, Russell C., assignor of one-third to W. G. Hatcher, Mine Centre, Ontario, Canada. Charge forming device for internal-combustion engines. 2,386,594; Oct. 9.
Cones, Ben, Indianapolis, Ind. Air motor. 2,379,683; July 3.
Cones, Ben, Indianapolis, Ind. High lift valve. 2,380,631; July 31.
Cones, Ben, Indianapolis, Ind. Clothes closet pole. 2,382,003; Aug. 14.
Coney, James D., Chicago, Ill. Garment hanger. 2,374,329; Apr. 24.

Coney, James D., Chicago, Ill. Garment hanger. 2,374,330; Apr. 24.
Coney, James D., Chicago, Ill., assignor to Star-Service Hanger Division, L. A. Young Spring and Wire Corporation, Detroit, Mich. Garment hanger. 2,368,348; Jan. 30.
Congoleum-Nairn Inc.: *See*—
Spitzli, Donald H., assignor.
Conkle, Carl J., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,380,927; Aug. 7.
Conlan, David, New York, N. Y. Electrical apparatus. 2,383,109; Aug. 21.
Conlan, David, New York, assignor to Conlan Electric Corporation, Brooklyn, N. Y. Door switch. 2,391,549; Dec. 25.
Conlan, David, Brooklyn, assignor to Conlan Electric Corporation, New York, N. Y. Door switch. 2,374,585; Apr. 24.
Conlan Electric Corporation: *See*—
Conlan, David, assignor.
Conlon, John W., Granby, Conn. Oscillating or reversing mechanism. 2,389,232; Nov. 20.
Conmar Products Corporation: *See*—
Andler, Robert F., assignor.
Jones, Lester L., assignor.
Low, Richard, assignor.
Mikulas, William, assignor.
Ulrich, F., assignor.
Conn, Arthur L., assignor to Standard Oil Company, Chicago, Ill. Powdered catalyst conversion. 2,377,613; June 5.
Conn, C. G., Ltd.: *See*—
Kent, Earle L., assignor.
Conn, Miller W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic desulphurization process. 2,378,064; June 12.
Conn, Miller W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic dehydrogenation. 2,389,342; Nov. 20.
Conn, Robert C., and F. H. Adams, Bound Brook, and J. P. Goulding, Neshanic Station, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuff derivatives of aminobenzo-p-dioxans. 2,379,684; July 3.
Conn, Roy: *See*—
Harrold, Harmon H., assignor.
Conn, William R.: *See*—
Neher, H. T., and Conn.
Connecticut Web and Buckle Company, The: *See*—
Oliver, Lee, assignor.
Connel, Frank H. R., et al.: *See*—
Woodhull, Frederick W., assignor.
Connell, John L., assignor to National Broach & Machine Company, Detroit, Mich. Headstock. 2,382,608; Aug. 14.
Connell, Lloyd E., and L. W. Jones, San Francisco, Calif. Vehicle wheel block device. 2,386,595; Oct. 9.
Connelly, Will H., Park Ridge, Ill. Paint and drawing sheet. 2,371,153; Mar. 13.
Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Article of manufacture and making the same. 2,372,177; Mar. 27.
Conner, Herbert W.: *See*—
Crosley, R. W., and Conner.
Conner, Samuel W., Dallas, and J. R. Neil and P. A. Nemoede, Fort Worth, Tex., assignors to Container Corporation of America, Chicago, Ill. Container. 2,374,177; Apr. 24.
Connery, Alder F., Great Neck, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Duplex balance indicator. 2,379,866; July 10.
Connery, Alder F., Great Neck, N. Y., and E. R. C. Coe, Chatham, N. J., assignors to Postal Telegraph-Cable Company (New York), New York, N. Y. Telegraph code converter. 2,379,865; July 10.
Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Cracking oils with a catalyst. 2,366,491; Jan. 2.
Connor, Kirke W., Oxford, and J. E. Kline, Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Peening surfaces. 2,373,871; Apr. 17.
Connor, Roger, assignor to The McBee Company, Athens, Ohio. Card sorting machine. 2,389,343; Nov. 20.
Connor, William B.: *See*—
Dauphinee, George S., assignor.
Conrad, Albert G., Mount Carmel, assignor to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Electrical remote-reading position-indicating apparatus. 2,379,417; July 3.
Conrad, Albert G., Mount Carmel, assignor to Superior Electric Company, Bristol, Conn. Adjustable-speed polyphase alternating-current motor apparatus. 2,379,867; July 10.
Conrad, Albert G., Mount Carmel, assignor to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Electrical measuring instrument. 2,382,295; Aug. 14.
Conrad, Eugene J., Columbus, Ohio. Piston ring. 2,391,134; Dec. 18.
Conrad, Karl F. and L. F. Koberlein, Buffalo, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Symmetrical disazo dyestuffs. 2,384,283; Sept. 4.
Conrad, Samuel L., Columbus, Ohio. Muscle kneading and massaging device. 2,377,131; May 29.
Conradty, Ottmar, Rothenbach on the Pegnitz, Germany; vested in the Alien Property Custodian. Carbon brake body and metal holder unit. 2,388,123; Oct. 30.
Consolidated Aircraft Corporation: *See*—
Metheny, C. E., and Marker, assignors.
Smith, Frank M., assignor.
Consolidated Car Heating Company, Inc.: *See*—
Parsons, Robert J., assignor.
Consolidated Engineering Corporation: *See*—
Berry, Clifford E., assignor.
Hoskins, Edmund E., assignor.
Hoskins, E. E., and Langmuir, assignors.
Langmuir, Robert V., assignor.
Lawlor, R. C., and Metcalf, assignors.
Metcalf, Herbert E., assignor.
Taylor, Daniel D., assignor.
Washburn, Harold W., assignor.
Zaikowsky, Wladimir M., assignor.
Zaikowsky, W. M., and Metcalf, assignors.
Consolidated Mining and Smelting Company, The: *See*—
Lepsoe, Robert, assignor.
Consolidated Mining and Smelting Company of Canada, Limited, The: *See*—
Moore, A. W., Moran, Christian, and Morris, assignors.
Consolidated Packaging Machinery Corporation: *See*—
Allen, Howard G., assignor.
Ekstrand, Ernest W., assignor.
Consolidated Razor Blade Co., Inc.: *See*—
Worley, Ernest W., assignor.
Consolidated Sewing Machine & Supply Co. Inc.: *See*—
Ingwer, M., and Schwarz, assignors.
Consolidated Vultee Aircraft Corporation: *See*—
Allen, James R., assignor.
Cederwall, Leonard O., assignor.
Davis, Frank W., assignor.
Giffen, Harvey D., assignor.
Gwinn, Joseph M., and Smeltzer, assignors.
Hall, Theodore P., assignor.
Harrison, Verne S., assignor.
Klose, Alfred J., assignor.
Laddon, I. M., and Berger, assignors.
Livers, Carlos B., assignor.
O'Hare, George W., assignor.
Rekosh, Nate, assignor.
Reynolds, Edwin A., assignor.
Rice, Livingston L., assignor.
Sines, Harvey S., assignor.
Weaver, John S., assignor.
Consolidated Water Power and Paper Company: *See*—
Fisher, Harry C., assignor.
Thiele, W. F., and Beadle, assignors.
Constance, Alvin, Carsonville, Mo. Retaining device. 2,389,344; Nov. 20.
Constant Speed Airscrews Limited: *See*—
Marshall, Frederick G., assignor.
Consumers' Plan: *See*—
Mendes, John C.
Container Corporation of America: *See*—
Arthur, William H., assignor.
Conner, S. W., Neil, and Nemoede, assignors.
Forbes, Jerry U., assignor.
Fox, Vernie A., assignor.
Lowey, Roy E., assignor.
Potter, Earl C., assignor.
Van Saun, Raymond H., assignor.
Walton, Richard R., assignor.
Continental Can Company: *See*—
Coyle, John, assignor.
Coyle, J., and Punte, assignors.
Dukehart, Morton McI., Jr., assignor.
Eggers, Hans A., assignor.
Fink, Henry A., assignor.
Kronquest, Alfred L., assignor.
O'Neil, James H., assignor.
Pearson, Paul E., assignor.
Pearson, P. E., and Treff, assignors.
Pittner, John A., assignor.
Punte, William F., assignor.
Schmidt, John E., assignor.
Slosberg, Harry M., assignor.
Vang, Alfred, assignor.
Continental Can Company, Inc: *See*—
Bloedorn, Clyde H., assignor.
Fink, Henry A., assignor.
Hermani, Louis, assignor.
Hill, Hugh G., assignor.
Kimmig, E. W., and Peters, assignors.
Kronquest, Alfred L., assignor.
Laxo, Ed, assignor.
Leonhart, William F., assignor.
Maier, C. E., Flugge, and Pfeffer, assignors.
O'Brien, Frank J., assignor.
O'Brien, F. J., and Maier, assignors.
Punte, William F., assignor.
Schmitt, Otto A., assignor.
Continental-Diamond Fibre Company: *See*—
Haroldson, Arthur, assignor.
Continental Gin Company: *See*—
McDaniel, L. L., and Deems, assignors.
Reece, James S., assignor.

Continental Machinery Co., Inc.: *See*—
Vetorino, John E., assignor.
Continental Machines, Incorporated: *See*—
Coddington, Lloyd, assignor.
Continental Motors Corporation: *See*—
Ginn, E., and Casselman, assignors.
Vincent, Edward T., assignor.
Continental Oil Company: *See*—
Bennett, Edwin O., assignor.
Lincoln, B. H., and Byrkit, assignors.
Lincoln, B. H., and Neilson, assignors.
Rieber, Frank, assignor.
Contour Saws, Incorporated: *See*—
Anderson, William T., assignor.
Control Instrument Company, Inc.: *See*—
Brand, Frederick B., assignor.
Lehde, Henry, assignor.
Stenhammer, Harold T., assignor.
Urquhart, Noel, assignor.
Contryman, Thereon A., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Bag valve. 2,378,285; June 12.
Converse, Julius: *See*—
Cerny, J. A., and Converse.
Roberts, E. W., and Converse.
Converse Rubber Company: *See*—
Talalay, Joseph A., assignor.
Conway, Donald J., assignor to American Utilities Corporation, Cleveland, Ohio. Apparatus for mixing and dispensing fluids of different densities. 2,390,871; Dec. 11.
Conway, Hugh G., Warrington, England, assignor to Aeronautical & Mechanical Investments Limited. Hydraulic telecontrol device. 2,373,745; Apr. 17.
Conway, Jack V., judicial change of name: *See*—
Cohen, Jacob.
Conway, Leon F., assignor to F. S. Bloom, Pittsburgh, Pa. Combustion apparatus. 2,375,625; May 8.
Conway, Otto J. O., Tacoma, Wash. Welder's hood. 2,384,798: Sept. 18.
Conway, William E., Los Angeles, Calif. Combined road map reel and sun visor. 2,377,614; June 5.
Conwell, William J., Elwood, Ind. Game. 2,378,983; June 26.
Cook, Alton A., Glen Ridge, C. Tjorn, and J. Zaparanick, Westfield, assignors to Arkansas Company, Inc., Newark, N. J. Preparation of sulphated fatty esters. 2,371,284; Mar. 31.
Cook, Alton A., Glen Ridge, and E. B. Whitworth, Hillside, assignors to Arkansas Company, Inc., Newark, N. J. Formation of fire-retardant and water-repellent finishes. 2,381,487; Aug. 7.
Cook, Charles B., Los Angeles, Calif. Hydraulic transmission. 2,372,357; Mar. 27.
Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and power interlock apparatus. 2,381,208; Aug. 7.
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Expander circuit for oscilloscopes. 2,368,448; Jan. 30.
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Expander circuit for oscilloscopes. 2,368,449; Jan. 30.
Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Double diaphragm loud-speaker. 2,371,951; Mar. 20.
Cook, Elmer W.: *See*—
Major, R. T., and Cook.
Cook, Elmer W., assignor to American Cyanamid Company, New York, N. Y. Soap antioxidant. 2,375,626; May 8.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating compositions. 2,368,000; Jan. 23.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oils. 2,369,632; Feb. 13.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Acyl phenyl dithiophosphoric acids and their preparation. 2,372,358; Mar. 27.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Complex dithiophosphoric acid esters. 2,373,811; Apr. 17.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Esters of salicylic acid monosulphide and salts thereof. 2,380,685; July 31.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Dithiophosphoric acids and salts thereof. 2,382,775; Aug. 14.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilization of motor fuels. 2,385,757; Sept. 25.
Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Hydrocarbon oil composition. 2,389,110; Nov. 13.
Cook, Ervin L., Hammond, Ind. Portable power threader. 2,374,176; Apr. 24.
Cook, Frank G., Atlanta, assignor to Alexander Dittler, De Kalb County, Ga. Combined paper feeding and gumming machine for labels and the like. 2,377,295; May 29.
Cook, George W., Washington, D. C. Coupling means. 2,369,138; Feb. 13.
Cook, George W., Los Angeles, Calif. Blind rivet. 2,381,113; Aug. 7.
Cook, Gerhard A., Snyder, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Production of hydrogen peroxide. 2,368,640; Feb. 6.
Cook, Gerhard A., Snyder, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Retarding decomposition of peroxide vapors. 2,368,806; Feb. 6.
Cook, Harold H., Steward, Ill. Corn harvester. 2,378,286; June 12.
Cook, James F., Albany, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating composition. 2,382,860; Aug. 14.
Cook, John C., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Luminescent target. 2,372,359; Mar. 27.
Cook, John H., Rock Island, Ill. Signaling system. 2,390,992; Dec. 18.
Cook, Judson A., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging apparatus. 2,387,645; Oct. 23.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Apparatus for starting discharge lamps. 2,379,131; June 26.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Heat control device. 2,383,291; Aug. 21.
Cook, Leonard W., Stratford, Conn., assignor to General Electric Company. Lock-out switch for fluorescent lamp starters. 2,391,680; Dec. 25.
Cook, Louis B.: *See*—
Abrams, A. J., and Cook.
Cook, Norman L., Chicago, Ill. Camera construction. 2,368,970; Feb. 6.
Cook, Percy, Waltham, Mass. Web guiding and stretching mechanism. 2,374,980; May 1.
Cook, Roland T., assignor to New Jersey Optical Company, Irvington, N. J. Eyeglass frame. 2,372,059; Mar. 20.
Cook, Shirley S., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical apparatus. 2,384,799; Sept. 18.
Cook, Stanley S., and L. M. Douglas, Wallsend-on-Tyne, assignors to The Parsons Marine Steam Turbine Company Limited, Wallsend-on-Tyne, England. Power installation. 2,367,099; Jan. 9.
Cook, Stanley V., Dayton, and C. E. Waring, Oakwood, assignors to General Motors Corporation, Dayton, Ohio. Desiccating agent. 2,388,390; Nov. 6.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,379,132; June 26.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical ground detector. 2,390,778; Dec. 11.
Cooke, Edward F., Jr.: *See*—
Roach, E. J., and Cooke.
Cooke, Edward F., assignor to Beaumont Iron Works Company, Beaumont, Tex. Well completion apparatus. 2,386,841; Oct. 16.
Cooke, Ernest S., Leawood, Kans. Clutch mechanism. 2,371,804; Mar. 20.
Cooke, Giles B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Aluminum coating. 2,374,331; Apr. 24.
Cooke, Giles B., and V. A. Ryan, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap. 2,377,402; June 5.
Cooke, Hereward L., Princeton, N. J., assignor to Aero Survey Corporation. Carving method and projector. 2,374,981; May 1.
Cooke, Jessie C., Streatham Hill, London, England. Taking measurements for the production of garments 2,374,654; May 1.
Cooke, John P., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Clamping and securing device. 2,389,184; Nov. 20.
Cooke, William T., Huntington, and K. L. Schussman, Hempstead, assignors to Sperry Gyroscope Company, Brooklyn, N. Y. Tuning control mechanism. 2,380,946; Aug. 7.
Cookston, Fletcher R., Los Angeles, Calif. Paper container. 2,376,904; May 29.
Coolidge, Cole, and J. S. Reese, IV, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insoluble cellulose derivatives and their production. 2,375,838; May 15.
Coombes, Joseph H.: *See*—
Eksergian, C. L., and Coombes.
Coombes, Joseph H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,543; Aug. 14.
Coombs, Joseph C., Santa Ana, Calif. Spark plug cap adjuster. 2,388,953; Nov. 13.
Coombs, Preston W.: *See*—
Ott, H. S., and Coombs.

Coombs, Robert E., Washington, D. C., assignor to United States Government, as represented by the Secretary of the Navy. Life preserver. 2,377,865; June 12.

Cooney, John R., Waldoboro, Maine. Reproduction of sound. 2,387,832; Oct. 30.

Cooney, Lawrence J., Pittsburgh, Pa., assignor, by mesne assignments, to Keystone Signalphone Company. Sound emitting device. 2,370,939; Mar. 6.

Cooney, Mark: *See*—
Booharin, Leo Y., assignor.

Coonradt, Harry L.: *See*—
Badertscher, D. E., Coonradt, and Crowley.
Daley, H. G., Crowley, Badertscher, and Coonradt.

Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Fruit handling machine. 2,375,350; May 8.

Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for declustering fruit. 2,382,134; Aug. 14.

Coons, Burton C., assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for pitting fruit. 2,382,961; Aug. 21.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,379,278; June 26.

Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,386,438; Oct. 9.

Coop, William L., Hawthorne, Calif. Torque thumb screw. 2,373,812; Apr. 17.

Cooper, Alfred, Croydon, England, assignor to Rubatex Products, Inc., New York, N. Y. Sponge rubber products. 2,383,110; Aug. 21.

Cooper, Basil P., and J. B. Thorne, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Rivet setting machine. 2,367,265; Jan. 16.

Cooper, Benjamin, Jersey City, N. J. Paper feed device. 2,368,001; Jan. 23.

Cooper, Benjamin, Netcong, N. J. Damping device. 2,368,002; Jan. 23.

Cooper, Benjamin, Scotia, N. Y., assignor to General Electric Company. Light sensitive electric valve system. 2,373,543; Apr. 10.

Cooper, Benjamin, and O. W. Livingston, Scotia, N. Y., assignors to General Electric Company. Electric control circuit. 2,373,545; Apr. 10.

Cooper-Bessemer Corporation: *See*—
Boyer, Ralph L., assignor.

Cooper, Carla, et al: *See*—
Bowman, Lee, assignor.

Cooper, Charles A., Jr., et al.: *See*—
Bowman, Lee, assignor.

Cooper, Charles G., Yuma, Ariz. Conduit coupling means. 2,371,805; Mar. 20.

Cooper, Daniel W., Waltham Chase, assignor to Cunliffe-Owen Aircraft, Limited, Swaythling, near Southhampton, England. Release link. 2,386,932; Oct. 16.

Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles Calif. Towel cabinet. 2,367,200; Jan. 16.

Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles, Calif. Pinch roll assembly. 2,367,201; Jan. 16.

Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles, Calif. Dispensing cabinet structure. 2,367,202; Jan. 16.

Cooper, Earl H., Toledo, Ohio, assignor to J. Rousso, Los Angeles, Calif. Roll holder. 2,367,203; Jan. 16.

Cooper, Howard G., and F. M. Thatcher, Clairton, Pa. Treatment of crude tar acids for the selective removal of acidic contaminants. 2,369,022; Feb. 6.

Cooper, Hugh S., Cleveland, Ohio. Alloys for high temperature service use. 2,370,395; Feb. 27.

Cooper, Hugh S., Cleveland, Ohio. Electrical resistance alloys. 2,387,980; Oct. 30.

Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Manufacturing boron trichloride. 2,369,212; Feb. 13.

Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Degasification and decarburizing molten metal baths and improving agent therefor. 2,369,213; Feb. 13.

Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Purifying boron trichloride. 2,369,214; Feb. 13.

Cooper, Hugh S., Cleveland, assignor, by direct and mesne assignments, to Acme Aluminum Alloys, Inc., Dayton, Ohio. Reducing magnesium oxide. 2,387,979; Oct. 30.

Cooper, James F., Akron, B. J. Schnitzer, Stow, and M. L. Flickinger, assignors to Wingfoot Corporation, Akron, Ohio. Pneumatic float for aircraft. 2,375,973; May 15.

Cooper, John K., near Laurens, S. C. Loom grate cleaner. 2,367,564; Jan. 16.

Cooper, Joseph T., Alhambra, Calif. Strapping or banding machine. 2,371,806; Mar. 20.

Cooper, Leon, et al., executors: *See*—
Heller, Alexander G.

Cooper, Mary K., Dayton, Ohio. Convertible davenport. 2,367,266; Jan. 16.

Cooper, Max, Paterson, N. J. Coin holder. 2,390,057; Dec. 4.

Cooper, Robert H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of disulphides. 2,375,083; May 1.

Cooper, Robert H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Thiocarbamyl piperidyl sulphides. 2,388,236; Nov. 6.

Cooper, Stanley M., assignor to The Fafnir Bearing Company, New Britain, Conn. Seal bearing. 2,375,166; May 1.

Cooper, William A.: *See*—
Macdonald, W. G., and Cooper.

Cooper, William A., assignor to William Cotton Limited, Loughbough, England. Cotton's patent and other straight bar knitting machine. 2,382,544; Aug. 14.

Cooper, William H.: *See*—
Bishop, J. H., and Cooper.

Cooperation Development Co.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth, assignors.

Cooper's, Incorporated: *See*—
Kneibler, Arthur R., assignor.

Coopey, Walter, Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Packing reciprocable elements. 2,369,883; Feb. 20.

Coote, Harry E., North Wembley, England. Color photography. 2,367,335; Jan. 16.

Cope, Daniel, Philadelphia, Pa. Head protector. 2,367,006; Jan. 9.

Cope, Wilfrid C., Whoberley, Coventry, England. Collet chuck. 2,391,550; Dec. 25.

Coplen, George, Denver, Colo. Drill bit (detachable). 2,367,458; Jan. 16.

Copley, Michael J.: *See*—
Zellhoefer, G. F., Marvel, and Copley.

Copley-Smith, L., & Sons, Limited: *See*—
Nock, John T., assignor.

Copperweld Steel Company: *See*—
Leib, F. E., and Wilbur, assignors.

Corbett, Enos A., Rockford, Ill. Baby's bath chair. 2,379,340; June 26.

Corbett, Joseph R., Cincinnati, Ohio, assignor to NuTone, Incorporated, New York, N. Y. Fingernail drier. 2,374,472; Apr. 24.

Corbett, Joseph R., Sharonville, Ohio, assignor to NuTone, Incorporated, New York, N. Y. Chime signal. 2,386,738; Oct. 9.

Corbi, Joseph L., Washington, D. C. Shirt. 2,387,060; Oct. 16.

Corbin, Francis L., Chatham, N. J., assignor to Pitometer Log Corporation, New York, N. Y. Fore-and-aft draft indicator. 2,382,691; Aug. 14.

Corbin, Fred A., Gary, and H. F. Netzhammer, Hobart, Ind. Heating furnace and burner therefor. 2,389,027; Nov. 13.

Corbin, Philip J., Salisbnry, Mass. Structural element. 2,382,208; Aug. 14.

Corbin, Wesley S., Ridley Park, Pa., F. Chilson, Scarsdale, N. Y., P. L. Tollison, North Plainfield, N. J., C. S. Caffrey, Port Washington, N. Y., and A. F. Pilon, North Plainfield, N. J., assignors to Scott Paper Company, Chester, Pa. Continuous winding machine. 2,385,691; Sept. 25.

Corbin, Wesley S., Ridley Park, Pa., P. L. Tollison and A. F. Pilon, North Plainfield, N. J., F. Chilson, Scarsdale, and C. S. Caffrey, Port Washington, N. Y., assignors to Scott Paper Company, Chester, Pa. Continuous winding machine. 2,385,692; Sept. 25.

Corcoran, John J.: *See*—
Hull, S. P., Corcoran, and Lundy.

Cordell, John W., Oklahoma City, Okla. Sheet folding. 2,386,933; Oct. 16.

Corderman, Roy C., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Communication system. 2,388,906; Nov. 13.

Cordero, Tulio, West Roxbury, Mass., assignor to United-Rexall Drug Company. Transparent mixture. 2,382,398; Aug. 14.

Cordiano, Hugo V., J. J. De Paolo, and H. Lacks, New York, N. Y. Pneumatic hammer testing machine. 2,389,138; Nov. 20.

Cordiano, Joseph J., Brooklyn, assignor to Hardy Metallurgical Company, New York, N. Y. Powder metallurgy. 2,370,396; Feb. 27.

Cordier, David E., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Urea-formaldehyde composition. 2,384,367; Sept. 4.

Cordis, Nat, Chicago, Ill. Typewriter ribbon guide. 2,386,439; Oct. 9.

Cords, William H., San Diego, Calif. Internal-combustion engine. 2,368,412; Jan. 30.

Cordwell, Zelma P., Glen Ridge, N. J. Collapsible container. 2,366,770; Jan. 9.

Coren, Lewis W., Chicago, Ill. Timer.. 2,372,253; Mar. 27.

Corey, Lorin A., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Machining parts. 2,387,214; Oct. 16.

Corhart Refractories Company: *See*—
Field, T. E., and Smyth, assignors.

Corley, Buren L., San Francisco, Calif. Sleep cap. 2,367,459; Jan. 16.

Corliss, Raymond H., assignor of one-half to J. Papanicolas, Washington, D. C. Connector. 2,388,954; Nov. 13.

Cormier, Gustave J., Jr., San Antonio, Tex. Machine for untwisting rope and the like. 2,390,923; Dec. 11.

Corn, Bertha, Dallas, Tex. Limb-conforming device and making the same. 2,367,336; Jan. 16.
Corn Products Refining Company: *See*—
Cantor, Sidney M., assignor.
Harding, Albert T., assignor.
James, Albert L., assignor.
Kerr, Ralph W., assignor.
Leuck, Gerald J., assignor.
Monte, Richard N., assignor.
Monte, R. N., and Gottfried, assignors.
Schoch, Thomas J., assignor.
Stewart, Charles W., assignor.
Cornelius Company, The: *See*—
Cornelius, Richard T., assignor.
Cornelius, James R., Coventry, England. Making fine measurements. 2,387,496; Oct. 23.
Cornelius, Richard T., Minneapolis, Minn. Dispensing device. 2,372,360; Mar. 27.
Cornelius, Richard T., assignor to The Cornelius Company, Minneapolis, Minn. Beer dispensing device. 2,373,294; Apr. 10.
Cornell-Dubilier Electric Corporation: *See*—
Dubilier, William, assignor.
Robinson, William M., assignor.
Weiss, Felix, assignor.
Cornell, Fay D.: *See*—
Jacobson, Edwin, assignor.
Cornell, Fay D., San Gabriel, and E. Jacobsen, Altadena, Calif.; said Jacobsen assignor to said Cornell. Transfer mechanism. 2,390,924; Dec. 11.
Cornell, Mead, Cleveland, Ohio, and G. H. Meinzer, Glendale, Calif.; said Meinzer assignor to said Cornell. Lubricated rubber compositions. 2,368,522; Jan. 30.
Cornella, Emanuel, Lombard, Ill. Wire connector. 2,388,724; Nov. 13.
Corner, Arthur C., Calcutta, India, assignor to Automatic Telephone & Electric Company, Limited, London, England. Automatic adjusting arrangement for electrical networks. 2,384,727; Sept. 11.
Cornforth, Robert M., Gary, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,372,711; Apr. 3.
Corning Glass Works: *See*—
Clapp, Charles W., assignor.
Daudt, William D., assignor.
Daudt, William H., assignor.
Fleming, Robert F., Jr., assignor.
Gray, David E., assignor.
Greene, Charles H., assignor.
Guyer, E. M., Littleton, and Shaw, assignors.
Hinkley, R. A., and Miller, assignors.
Hood, Harrison P., assignor.
Hyde, James F., assignor.
Jackson, John K., assignor.
McGregor, R. R., and Warrick, assignors.
Torok, Julius J., assignor.
Wexell, H. A., and MacLaren, assignors.
Wisner, William R., assignor.
Cornish, Irving R., Elmhurst, assignor of one-third to G. N. Paxton, and one-third to J. W. Paxton, Bloomington, Ill. Filing cabinet guide-separator. 2,368,349; Jan. 30.
Cornish, Irving R., Elmhurst, assignor of one-third to J. W. Paxton, and one-third to G. N. Paxton, Bloomington, Ill.; A. L. Paxton and The National Bank of Bloomington, executors of said G. N. Paxton, deceased. Desk. 2,386,092; Oct. 2.
Cornthwaite, William R., Niagara Falls, and N. D. Scott, Sanborn, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl trimethyl acetate and synthetic resins made therefrom. 2,381,338; Aug. 7.
Cornutt, Ora R., Lees Summit, Mo. Automatic display apparatus. 2,387,121; Oct. 16.
Cornwell, Ralph T. K.: *See*—
Reichel, R. H., and Cornwell.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Producing a plasticizing composition. 2,386,381; Oct. 9.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Producing butylene glycol by fermentation and recovering the product. 2,390,779; Dec. 11.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Making coated textile materials and the articles produced therefrom. 2,390,780; Dec. 11.
Coroniti, Samuel C., Cambridge, Mass., and W. A. Schmidt, Easton, Pa., assignors to General Aniline & Film Corporation, New York, N. Y. Liquid level measuring apparatus. 2,375,084; May 1.
Corporacion Peruna del Amazonas: *See*—
Garriga, José M., assignor.
Corso, Frank S., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Folding door. 2,374,925; May 1.
Corson, Ben B., and C. D. Maxutov, assignors to Universal Oil Products Company, Chicago, Ill. Reducing the carbon-forming tendency of catalytic masses. 2,375,402; May 8.
Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Ammunition feed. 2,378,191; June 12.
Cortese, Francesco P., Detroit, Mich. Boat. 2,380,220; July 10.
Corwin, J. F., and W. R. Moffitt, Bainbridge, assignors to The Bordon Company, New York, N. Y. Conditioning resin glues. 2,372,178; Mar. 27.
Cory Glass Coffee Brewer Co., Not Inc.: *See*—
Alsdorf, James W., assignor.
Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,834; Jan. 9.
Cory, Samuel I., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,835; Jan. 9.
Cosentino, Joseph, Richmond Hill, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Sewing machine presser foot. 2,384,454; Sept. 11.
Cosmetic Container Corp.: *See*—
Seager, J. C., and Jensen, assignors.
Cosneck, Bernard J., St. Louis, and B. J. Kessler, Clayton, Mo. Weapon. 2,383,957; Sept. 4.
Coss, George R., and F. K. Comiskey, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Electric motor construction. 2,372,660; Apr. 3.
Coss, Harold T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making mineral wool product. 2,375,284; May 8.
Coss, Harold T., and G. T. Pearce, Somerville, and G. A. Downsbrough, Princeton, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Jet control. 2,386,294; Oct. 9.
Cossin, Hursle E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Range apparatus. 2,367,007; Jan. 9.
Cossin, Hursle E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Range apparatus. 2,384,075; Sept. 4.
Cossor, A. C., Limited: *See*—
Bedford, L. H., Jofeh, and Stevens, assignors.
Fleming-Williams, Brian C., assignor.
(Humphreys, T. D., assignor), and Dodds.
Cost, William A., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Armored tank construction. 2,389,028; Nov. 13.
Costa, Alvaro da Silva, Rio de Janeiro, Brazil. Tonsillotome. 2,377,540; June 5.
Costa, Ralph E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Article handling and leakage testing apparatus. 2,371,128; Mar. 13.
Costello, J. S., & Son Brush Co.: *See*—
Brennan, Frank C. and J. S., and Reysa, assignors.
Brennan, John S., assignor.
Costello, Joseph F., assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Vacuum holder. 2,379,279; June 26.
Cosway, Richard: *See*—
Booth, W. E., and Cosway, assignors.
Cota, Alvin F., assignor to A. O. Smith Corporation, Milwaukee, Wis. X-ray film holder. 2,381,261; Aug. 7.
Cotchett, Louis M., Hingham, Mass., assignor to Saco-Lowell Shops, Boston, Mass. Spinning frame. 2,391,135; Dec. 18.
Cotchett, Louis M., Hingham, Mass., assignor to Saco-Lowell Shops, Boston, Mass. Spinning frame creel. 2,391,295; Dec. 18.
Cote, Willard: *See*—
Soule, G. C., and Cote.
Cothran, Charles De W., assignor to Brogdex Company, Pomona, Calif. Treatment of fresh fruits and vegetables in preparation for market. 2,383,451; Aug. 28.
Cottingham, Edward A.: *See*—
Kilgore, Joseph D., assignor.
Cotton, Aubrey P., St. Matthews, S. C. Signaling system. 2,371,506; Mar. 13.
Cotton, James H., Toronto, Ontario, Canada. Micro wave control apparatus. 2,388,830; Nov. 13.
Cotton, Lucy, Miami, Fla. Collapsible commode. 2,376,036; May 15.
Cotton, Robert B.: *See*—
McClure, William H.
Cotton, William, Limited: *See*—
Cooper, William A., assignor.
Macdonald, W. G., and Cooper, assignors.
Wilders, George, assignor.
Woodcock, Herbert E., assignor.
Cotton, William J., Chicora, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Purification of dihydroxy benzene compounds. 2,381,209; Aug. 7.
Cotton, William J., Chicora, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Production of zingerone. 2,381,210; Aug. 7.
Cottrell, C. B., & Sons Company: *See*—
Barber, Howard M., assignor.
Luehrs, Hans J., assignor.
Luehrs, H. J., and Cottrell, assignors.
Meyer, Joseph E., assignor.
Cottrell, Herbert, Point Pleasant, N. J. Device for making rosettelike articles. 2,381,337; Aug. 7.
Cottrell, Philip W.: *See*—
Luehrs, H. J., and Cottrell.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,366,180; Jan. 2.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,366,181; Jan. 2.

Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Friction shoe. 2,366,957; Jan. 9.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,368,641; Feb. 6.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Friction device. 2,372,936; Apr. 3.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,375,207; May 8.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,375,208; May 8.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Accelerometer. 2,377,212; May 29.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,379,626; July 3.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Friction absorbing device. 2,381,404; Aug. 7.
Couch, Howard H., Wright Field, Ohio. Cam type governor control for maintaining synchronization of governors. 2,370,149; Feb. 27.
Couch, Royden O., Melbourne, Fla. Grubbing machine. 2,379,280; June 26.
Coulbourn, Howard D., Wynnewood, Pa. Valve. 2,376,124; May 15.
Coulson, Walter, assignor to Ex-Cell-O Corporation, Detroit, Mich. Rotary spindle drive. 2,381,488; Aug. 7.
Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Mower. 2,383,452; Aug. 28.
Coultas, Wilbur J., and E. T. Johnson, Moline, and J. A. Walker, East Moline, assignors to Deere & Company, Moline, Ill. Elevator. 2,373,169; Apr. 10.
Coupard, Christian J., Paris, France, assignor to the firm of Synben Aktiengesellschaft, Vaduz, Liechtenstein. Production from acetylene of aromatic hydrocarbons and of saturated and unsaturated hydrocarbons. 2,377,759; June 5.
Courcy, Georges, Le Pecq, and M. P. Durand, Saint-Germain en Laye, France; vested in the Alien Property Custodian. Mechanical-electrical sound reproducer. 2,368,003; Jan. 23.
Courcy, Georges, Le Pecq, and M. P. Durand, St.-Germain-en-Laye, France; vested in the Alien Property Custodian. Mechanical-electrical sound reproducer. 2,382,692; Aug. 14.
Courson, Oliver H., Memphis, Tenn. Sash guide and support. 2,375,974; May 15.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Power lift. 2,369,436; Feb. 13.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Power lift. 2,369,437; Feb. 13.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Grain conveyer. 2,377,760; June 5.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Retractable support. 2,388,308; Nov. 6.
Courtaulds Limited: *See*—
Atkinson, Cyril P., assignor.
Hegan, H. J., and Givens, assignors.
Hodson, E., and Soutter, assignors.
MacGregor, James H., assignor.
Wormell, Robert L., assignor.
Wormell, R. L., and Knight, assignors.
Courtis, Joseph W.: *See*—
Komives, L. I., Courtis, and Thomas.
Courtney, Gerald, Hollywood, Calif. Eyeglasses. 2,382,962; Aug. 21.
Courtney, Nicholas P., New York, N. Y. Cigarette ejecting device. 2,382,977; Aug. 21.
Couse, Kibbey W., Newark, N. J. Lathe fitting for machining pipe and the like. 2,370,718; Mar. 6.
Couse, Kibbey W., Newark, N. J. Power structure. 2,386,597; Oct. 9.
Couse, Kibbey W., Newark, N. J. Variable-speed power transmission. 2,388,955; Nov. 13.
Couse, Kibbey W., Newark, N. J. Power take-off structure. 2,390,513; Dec. 11.
Couse, Kibbey W., J. E. Young, and R. M. Sutphen, assignors to Couse Laboratories, Newark, N. J. Transporting men and/or material. 2,368,288; Jan. 30.
Couse Laboratories: *See*—
Couse, K. W., Young, and Sutphen, assignors.
Young, Joseph E., assignor.
Cousino, Bernard A., Toledo, Ohio. Projection stand. 2,380,632; July 31.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Plastic injecting apparatus. 2,367,204; Jan. 16.
Cousino, Walter P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Speed control for engines. 2,387,236; Oct. 23.
Coutlee, Alex, Kankakee, Ill., assignor to J. W. Mortell Company. Calking tape. 2,385,612; Sept. 25.
Coutor, Charles, Premery, France; vested in the Alien Property Custodian. Products applicable for tanning purposes. 2,376,663; May 22.
Couture, Anthony: *See*—
Radford, G. S., and Couture.
Couture, Louis, Minneapolis, Minn. Weed removing tool. 2,373,872; Apr. 17.
Couture, Romain, Somersworth, N. H. Ceiling board prop. 2,378,984; June 26.
Couzinet, René A. A., Rio de Janeiro, Brazil. Device for operation of the controls of airplanes. 2,383,845; Aug. 28.

Co Van, Harry E.: *See*—
Bole, G. A., Shaw, and Co Van.
Cover, Martin L., Allen Park, Mich., assignor to National Steel Corporation. Apparatus for sintering. 2,375,895; May 15.
Cover, Martin L., Allen Park, Mich., assignor to National Steel Corporation. Sintering machine. 2,379,418; July 3.
Cowan, John C., and W. C. Ault, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Producing polymeric materials. 2,373,015; Apr. 3.
Cowan, John C., and H. M. Teeter, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Plastic composition and preparing same. 2,384,443; Sept. 11.
Coward, Harold W., Glen Rock, and L. M. Shafer, Montclair, N. J., assignors, by mesne assignments, to Aridye Corporation. Producing anhydrous pure para acetylamine benzene sulphonyl chloride and products thereof. 2,369,023; Feb. 6.
Cowbourne, Spencer E., Arlington, Mass. Portable building. 2,368,523; Jan. 30.
Cowdery, Arthur B., Harwich Port, Mass., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Rubber compounding. 2,368,807; Feb. 6.
Cowell, Edward N.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.
Bullard, E. P., III, Cowell, and Lange.
Cowen, Sidney T. V., Asbury Park, N. J. Hinge. 2,367,205; Jan. 16.
Cowham Engineering Company: *See*—
Gibson, Estell L., assignor.
Cowie, A. S., & Co.: *See*—
Raymond, Leslie R., assignor.
Cowles, Irving, Detroit, Mich., assignor of seventy per cent to himself and thirty per cent to R. W. Lotz, Chicago, Ill. Coupling nut for flanged tubing conduits. 2,389,233; Nov. 20.
Cowley, Benjamin C., Shrewsbury, Mass. Machine for and method of making filled capsules. 2,387,747; Oct. 30.
Cowley, Percy E. A.: *See*—
Gillings, C., and Cowley.
Cox, Arthur, assignor to Taylor, Taylor, & Hobson Limited, Leicester, England. Optical objective. 2,366,597; Jan. 2.
Cox, Arthur, assignor to Taylor, Taylor, & Hobson Limited, Leicester, England. Optical objective. 2,387,497; Oct. 23.
Cox, Arthur E., Camp Barkeley, Tex. Clip or fastener. 2,385,565; Sept. 25.
Cox, Charles W.: *See*—
Wicker, D. B., and Cox.
Cox, Claude E., Detroit, Mich. Forming flowmeter tube mandrels. 2,384,800; Sept. 18.
Cox, Claude E., Detroit, Mich. Flowmeter. 2,389,957; Nov. 27.
Cox, Donald H., assignor to Henney Motor Company, Freeport, Ill. Cot fastener. 2,375,896; May 15.
Cox, Fred W., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Heat stabilization. 2,366,492; Jan. 2.
Cox, Frederic L., Grifton, N. C. Attachment for tobacco transplanters and the like. 2,372,474; Mar. 27.
Cox, Henry G., Hollywood-by-the-Sea, Fla., and F. S. Slick, Rockford, Ill., assignors to J. I. Case Company, Racine, Wis. Magneto. 2,378,192; June 12.
Cox, Herbert F., Jr.: *See*—
Nordquist, R. E. J., and Cox, assignors.
Cox, Jesse C., Robbinsdale, Minn. Safety climbing device. 2,381,114; Aug. 7.
Cox, John C., Ladue, assignor to Wagner Electric Corporation, St. Louis, Mo. Motor and brake assembly. 2,371,952; Mar. 20.
Cox, John W., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,384,076; Sept. 4.
Cox, John W., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,387,314; Oct. 23.
Cox, Joseph H.: *See*—
Rose, H. A., and Cox.
Cox, Leslie R., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crystal controlled oscillator. 2,385,260; Sept. 18.
Cox, Ray L., Mesa, Ariz. Welder's clamp. 2,383,591; Aug. 28.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,372,555; Mar. 27.
Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Resin acid lactone and its production. 2,382,545; Aug. 14.
Cox, Robert G.: *See*—
Main, D. W., and Cox.
Cox and Stevens Aircraft Corporation: *See*—
Thurston, A. L., and Sweeney, assignors.
Cox, Thomas K., Randallstown, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Coated articles. 2,387,498; Oct. 23.
Coxe, Charles D., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Preparation of powdered metals. 2,377,676; June 5.

Coxon, George E., Cicero, assignor to Stewart-Warner Corporation, Chicago, Ill. Indicator. 2,368,289; Jan. 30.
Coxon, John E., Lowfield Heath, near Crawley, F. Lindsley, Lambourne Woodlands, near Newbury, and G. E. Shelley, Horley, assignors to Southern Aircraft (Gatwick) Limited, Surrey, England. Liquid fuel tank for aircraft. 2,383,532; Aug. 28.
Coyle, George E., Jr., Southampton, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Apparatus and method for charging containers with volatile mixtures. 2,390,694; Dec. 11.
Coyle, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Closure fiber containers. 2,391,296; Dec. 18.
Coyle, John, Baltimore, Md., and W. F. Punte, Passaic, N. J., assignors to Continental Can Company, Inc., New York, N. Y. Collar can collar mounting. 2,391,772; Dec. 25.
Coyne & Delany Company: *See*—
Delany, John J., assignor.
Coyne, William R., assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Drill grinding device. 2,371,676; Mar. 20.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,384,815; Sept. 18.
Cozzens, Charles O., and E. M. Splaine, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,385,693; Sept. 25.
Cozzoli, Frank, Plainfield, N. J. Ampule cleansing machine. 2,379,789; July 3.
Cozzoli, Frank J., Plainfield, N. J. Sealing filled tubes. 2,379,342; June 26.
Cozzoli, Frank J., Plainfield, N. J. Tube sealing machine. 2,379,343; June 26.
Cozzoli, Frank J., Plainfield, N. J. Tube aligning mechanism. 2,381,436; Aug. 7.
Crabtree, J. A., & Co.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle, assignors.
Crabtree, James W., Minneapolis, Minn. Front end loader for self-propelled vehicles. 2,389,029; Nov. 13.
Crabtree, John I: *See*—
Henn, R. W. and Crabtree.
Crabtree, John I., and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Treatment of nongelatin emulsions. 2,377,325; June 5.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Intaglio printing press. 2,371,223; Mar. 13.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Ink applying printing presses. 2,377,482; June 5.
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Addition agent for treating molten iron and steel. 2,377,403; June 5.
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Hardenable steels. 2,382,466; Aug. 14.
Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Fine-grained steel hardened article. 2,382,467; Aug. 14.
Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Air temperature control system for supercharged internal-combustion engines. 2,368,642; Feb. 6.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing gates. 2,368,745; Feb. 6.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,378,751; June 19.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical controlling apparatus. 2,388,956; Nov. 13.
Craig, Burnie J., Los Angeles, Calif. Vehicle fender. 2,379,341; June 26.
Craig, Burton L.: *See*—
Mason, J. G., Craig, and Garvin.
Craig, Charles R., Pittsfield, Mass., assignor to General Electric Company. Gang-operating mechanism for switching devices. 2,391,681; Dec. 25.
Craig Corporation: *See*—
Britcher, Charles W., assignor.
Craig, David: *See*—
Semon, W. L., and Craig.
Craig, David, Silver Lake, assignor to The B. F. Goodrich Company, Akron, Ohio. Purification of diolefins. 2,366,315; Jan. 2.
Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,373,170; Apr. 10.
Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Extraction of butadiene. 2,388,041; Oct. 30.
Craig, David, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Butadiene copolymers and preparing same. 2,384,535; Sept. 11.
Craig, Roscoe J., Crawford, Nebr. Trigger action. 2,383,044; Aug. 21.
Craig, W. E.: *See*—
Hester, W. F., and Craig.
Craig, W. E., and W. F. Hester, assignors to Röhm and Haas Company, Philadelphia, Pa. Insecticidal compositions. 2,383,775; Aug. 28.
Craig, William L., Westport, Conn., assignor to R. T. Vanderbilt Company, Inc., New York, N. Y. Preparing a coating composition. 2,388,526; Nov. 6.
Crake, Wilfred S., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Oil well pump. 2,383,934; Sept. 4.
Crake, Wilfred S. E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Drilling weight control system. 2,371,953; Mar. 20
Cram Company, Inc., The: *See*—
Cram, Hervey G., assignor.
Cram, Harkness W., Mount Vernon, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire coil insert. 2,390,514; Dec. 11.
Cram, Harkness W., Mount Vernon, and E. Eckener, Bronx, assignors to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Tool for securing inserts in tapped holes. 2,390,515; Dec. 11.
Cram, Hervey G., assignor to The Cram Company, Inc., Appleton, Wis. Low consistency regulator and volume control. 2,368,004; Jan. 23.
Cramer, Archie E., Silverton, Ohio. Barbecue. 2,388,831; Nov. 13.
Cramer, Francis B., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Concentration of viscose. 2,369,718; Feb. 20.
Cramer, Paul L., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Isomerization of olefins. 2,386,934; Oct. 16.
Cramer, Paul L., Highland Park, and C. R. Begeman, Grosse Pointe Woods, assignors to General Motors Corporation, Detroit, Mich. Conversion of paraffin hydrocarbons. 2,373,295; Apr. 10.
Cramer, Raymond H., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,379,281; June 26.
Cramer, Raymond H., Bloomfield, N. J., assignor to General Motors Corporation. Grinding machine. 2,386,382; Oct. 9.
Cramer, Richard R., Dayton, Ohio. Safety device. 2,391,682; Dec. 25.
Cramer, Stanley S., Haddon Heights, N. J. Tuning structure for radio sets. 2,389,487; Nov. 20.
Cramer, Stanley S., Haddon Heights, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Mechanical tuning means. 2,386,598; Oct. 9.
Crampton, Basil R., Grand Rapids, Mich. Faucet handle. 2,377,541; June 5.
Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Spring. 2,375,285; May 8.
Crampton, Donald S., Oak Park, assignor to Felt Products Manufacturing Co., Chicago, Ill. Gasket material. 2,373,461; Apr. 10.
Crampton Manufacturing Company: *See*—
Pleasant, Herman E., assignor.
Crandall, Algier H., Grosse Pointe Woods, Mich., assignor to United States Rubber Company, New York, N. Y. Sealing inflatable articles. 2,371,029; Mar. 6.
Crandall, Charles B., assignor to Barber-Coleman Company, Rockford, Ill. Warp tying machine. 2,369,536; Feb. 13.
Crandall Dry Dock Engineers Inc.: *See*—
Crandall, James S., assignor.
Crandall, George S.: *See*—
Berger, H. G., Crandall, and Socolofsky.
Crandall, James S., Lexington, assignor to Crandall Dry Dock Engineers Inc., Cambridge, Mass. Floating dry dock. 2,379,685; July 3.
Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,371,571; Mar. 13.
Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Thermionic oscillator. 2,391,085; Dec. 18.
Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Radio frequency motor control. 2,391,086; Dec. 18.
Crane, Carl J., Sacramento, Calif. Slide member for measuring and marking devices. 2,388,252; Nov. 6.
Crane Co.: *See*—
De Craene, E. P., and Fennema, assignors.
Fawkes, Donald G., assignor.
Frederickson, Edward A., assignor.
Gleeson, Murray A., assignor.
Hoffman, George E., assignor.
Mueller, Alfred, assignor.
Stone, Carl R., assignor.
Troedson, Waldemar H., assignor.
Crane, Edward V., and F. G. Auer, assignors to E. W. Bliss Company, Brooklyn, N. Y. Square plug flanger. 2,389,139; Nov. 20.
Crane, Everett E., Seattle, Wash. Tool support. 2,389,296; Nov. 20.
Crane, Hubert R., Los Angeles, Calif. Bore plastering trowel. 2,369,719; Feb. 20.
Crane, Hubert R., Los Angeles, Calif. Apparatus for charging mortar into pipe bores. 2,369,720; Feb. 20.

Crane, Hubert R., Los Angeles, Calif. Apparatus and method for plastic lining of conduits. 2,377,615; June 5.

Crane Packing Company: *See*—
Kopplin, William E., assignor.
Matter, Albert J., assignor.
Payne, Frank E., assignor.
Snyder, Russel D., assignor.

Crane, Walton B., Los Angeles, Calif., assignor to Morris Paper Mills, Chicago, Ill. Carrier carton. 2,368,203; Jan. 30.

Cranston, Lawrence: *See*—
Muller, J. A., and Cranston.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,366,493; Jan. 2.

Crary, Selden B., Schenectady, assignor to General Electric Company, New York, N. Y. Control system. 2,367,930; Jan. 23.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,371,030; Mar. 6.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Electric power transmission system. 2,378,752; June 19.

Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,386,035; Oct. 2.

Craven, Howard F.: *See*—
Hill, James H., assignor.

Craven, Le Roy, Chicago, Ill. Sharpening device. 2,376,477; May 22.

Cravener, Donald H., Jr., Chicago, R. C. Ingersoll, Winnetka, and F. B. Wendel, assignors to Borg-Warner Corporation, Chicago, Ill. Forming counterbored receptacles. 2,384,444; Sept. 11.

Craver, John K.: *See*—
Kyrides, L. P., and Craver.

Crawford, Archibald M., Pittsburgh, assignor to The Union Switch and Signal Company, Swissvale, Pa. Speed measuring and recording apparatus. 2,379,686; July 3.

Crawford, Arthur R.: *See*—
Lundberg, G. E., and Crawford.
Nickla, L. E., and Crawford.

Crawford, Beatty M., Santa Ana, Calif. Power mast and boom hoist. 2,369,816; Feb. 20.

Crawford, Beatty M., Santa Ana, Calif. Self-braking winch drive. 2,379,477; July 3.

Crawford, Chester C., El Cerrito, and D. L. Fuller and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of high octane paraffinic gasolines. 2,373,674; Apr. 17.

Crawford, Chester C., El Cerrito, and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyst. 2,379,687; July 3.

Crawford, Cliff R.: *See*—
Gibson, A. G., and Crawford.

Crawford, David J., U. S. Army, Durant, Miss. Gun sight mounting. 2,390,516; Dec. 11.

Crawford, David J., U. S. Army, Durant, Miss., and J. M. Colby, U. S. Army, Lake Mills, Iowa. Protective vision device. 2,374,665; May 1.

Crawford, Hayden H.: *See*—
Creekbaum, Emery W., assignor.

Crawford, John W. C., Frodsham, via Warrington, and A. D. Jones, Widnes, England, assignors to Imperial Chemical Industries Limited. Recovery of polymeric materials. 2,389,958; Nov. 27.

Crawford, Paul A.: *See*—
Crawford, Ralph F. and P. A.

Crawford, Ralph F. and P. A., Salina, Kans. Combined harvester and thresher. 2,367,755; Jan. 23.

Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Self-sealing fuel tank. 2,374,332; Apr. 24.

Crawford, Robert B. P., Washington, D. C. Air conditioning system. 2,380,386; July 31.

Crawford, Thomas G., Glenville, N. Y., assignor to General Electric Company. Method for brazing. 2,369,537; Feb. 13.

Crawford, Weldon L.: *See*—
Rogers, S. D., Rudolph, and Crawford.

Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Butt-welded joint between lined parts. 2,372,712; Apr. 3.

Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Connection for lined tanks. 2,374,733; May 1.

Crawley, James B., Washington, D. C., assignor to Radio Corporation of America. Self-balancing inverter circuit. 2,383,846; Aug. 28.

Crawshaw, Harry: *See*—
Finlayson, D., and Crawshaw.

Cream Cone Machine Company, The: *See*—
Taylor, Carl R., assignor.

Crebbs, Earl R., San Francisco, Calif. Dispensing receptacle. 2,391,617; Dec. 25.

Crecelius, Lawrence P., Shaker Heights, assignor to The Coal Processing Company, Cleveland, Ohio. Treating coal and composition therefor. 2,369,024; Feb. 6.

Creed and Company Limited: *See*—
Mason, Frederick P., assignor.
Salmon, Reginald D., assignor.
Thompson, A. E., and Salmon, assignors.

Creed, Frederick G., Croydon, assignor to Floating Stations Limited, London, E. C. 2, England. Floating structure for salvaging sunken vessels and other uses. 2,375,286; May 8.

Creedon, Neil J., Glens Falls, N. Y. Multiple purpose adapter and supporting device for cameras. 2,375,214; May 8.

Creekbaum, Emery W., assignor of one-half to H. H. Crawford, Danville, Ind. Agricultural tool-tractor rope hitch. 2,370,232; Feb. 27.

Creelman, George D.: *See*—
Jewell, J. W., Creelman, and Borcherding.

Creighton, Thomas A., Long Beach, Calif. Apparatus for orienting well tools. 2,368,413; Jan. 30.

Creo-Dipt Company, Inc.: *See*—
Fink, Carl J., assignor.

Creson, William K., Lafayette, Ind., assignor to Ross Gear & Tool Company. Power steering gear. 2,391,819; Dec. 25.

Crespo, José M., Guatemala City, Guatemala. Skid aircraft and landing railer system. 2,370,012; Feb. 20.

Crestensen, Christian A.: *See*—
Pooler, Earl E., assignor.

Crevatin, Gilio: *See*—
Crevatin, V., G., W., and M.

Crevatin, Mario: *See*—
Crevatin, V., G., W., and M.

Crevatin, Vasco, G., W., and M., Sao Paulo, Brazil. Valve. 2,389,297; Nov. 20.

Crevatin, Waldemar: *See*—
Crevatin, V., G., W., and M.

Crever, Frederick E: *See*—
Hoffman, R. J., and Crever.

Crever, Frederick E., Scotia, N. Y., assignor to General Electric Company. Electroresponsive system. 2,388,527; Nov. 6.

Crew, David, Kingston by-pass, New Malden, assignor to Reid & Sigrist Limited, New Malden, Surrey, England. Air-driven gyroscopic instrument. 2,382,135; Aug. 14

Crew, Frederick W., Detroit, Mich. Vehicle door lock handle. 2,367,337; Jan. 16.

Crew, Frederick W., Detroit, Mich. Automobile wheel lock. 2,377,542; June 5.

Crew, Morris W., and G. A. Short, assignors to The Hotstream Heater Company, Cleveland, Ohio. Control means for draft regulators. 2,381,437; Aug. 7.

Crewdson, Henry, Chester County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifugal spinning bucket. 2,367,338; Jan. 16.

Crewdson, Henry, Chester County, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifuging machine. 2,383,240; Aug. 21.

Crewe, Leonard C.: *See*—
Diehn, K. H., and Crewe.

Crews, Herman A., Chicago, assignors of one-half to R. T. Brackett, Winnetka, Ill. Burner control. 2,388,124; Oct. 30.

Cribb, Ernest F., Vancouver, British Columbia, Canada. Hull of motor vessels. 2,387,700; Oct. 23.

Crickmer, Charles S., South Pasadena, Calif. Anchoring device. 2,383,453; Aug. 28.

Criley, William W., Shaker Heights, assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Control mechanism. 2,388,832; Nov. 13.

Criner, Harry E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Small high-speed generator field. 2,376,845; May 22.

Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Mechanical toy. 2,387,565; Oct. 23.

Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Slicing machine. 2,388,725; Nov. 13.

Crise Electric Manufacturing Company: *See*—
Crise, George W., assignor.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Modulating condition responsive switch. 2,366,387; Jan. 2.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Condition responsive switch. 2,368,005; Jan. 23.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Humidity-responsive switch. 2,369,215; Feb. 13.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Thermomagnetic relay. 2,376,664; May 22.

Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Correlative thermostatic switch mechanism. 2,383,533; Aug. 28.

Crisp, George B., Brooklyn, N. Y. Combustible preparing device. 2,369,216; Feb. 13.

Crisp, Laurence R.: *See*—
Brubach, H. F., and Crisp.

Crist, Philip W., Roselle Park, and S. G. Johansson, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Liquid handling apparatus. 2,368,746; Feb. 6.

Crist, Robert W., assignor to The Wellman Engineering Company, Cleveland, Ohio. Skewing arrangement for gantry frames. 2,366,598; Jan. 2.

Crist, Robert W., assignor to The Wellman Engineering Company, Cleveland, Ohio. Car dumper. 2,381,723; Aug. 7.

Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric decelerometer. 2,381,211; Aug. 7.
Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic track brake control apparatus. 2,388,237; Nov. 6.
Croce, Michele, Buffalo, assignor to Certain-Teed Products Corporation, New York, N. Y. Impregnating webs. 2,375,403; May 8.
Crock, Gregory F., Atlanta, Ga., assignor to General Flooring Company, New York, N. Y. Concrete grading machine. 2,378,065; June 12.
Crock, Gregory F., Atlanta, Ga., assignor to General Floor Company, New York, N. Y. Concrete planing machine. 2,386,662; Oct. 9.
Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments, to The Lane Company, Inc., Altavista, Va. Cedar chest. 2,386,440; Oct. 9.
Crocker, John C., Oakmont, Pa. Device for holding tension test bars. 2,380,027; July 10.
Crocker, Luther A., Portland, Oreg. Buffing rasp and making same. 2,382,209; Aug. 14.
Crockett, Clarence V., Jr., Birmingham, and C. H. Bouvy, assignors to General Motors Corporation, Detroit, Mich. Firing mechanism. 2,375,627; May 8.
Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Lap handling apparatus. 2,368,971; Feb. 6.
Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Sliver pan. 2,377,924; June 12.
Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Nipper feed mechanism. 2,378,465; June 19.
Crockett, Frank L., Tenants Harbor, Maine, assignor to Whitin Machine Works, Whitinsville, Mass. Comber nipper system. 2,384,603; Sept. 11.
Crockett, Harry L., assignor to Western Cartridge Company, New Haven, Conn. Gas-operated self-loading firearm. 2,370,233; Feb. 27.
Crockett, Lucien O., and L. U. Franklin, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Production of isoparaffins. 2,366,699; Jan. 9.
Croft, Cyril M., and W. H. Hindle, Cumberland, Md., assignors to Celanese Corporation of America. Dyeing. 2,380,503; July 31.
Crofton, Charles & Company (Engineers) Limited: *See*—
Wiles, Robert C., assignor.
Crofut, William E., Jr., Beachwood Village, Ohio. Foot cover. 2,389,414; Nov. 20.
Crom, John M., Washington, D. C. Method and apparatus for banding tanks. 2,370,780; Mar. 6.
Crom, John M., Washington, D. C. Method of and apparatus for banding tanks. 2,372,060; Mar. 20.
Crom, John M., Washington, D. C. Method of and apparatus for tensioning wire in banding operations. 2,385,796; Oct. 2.
Cromogen, Incorporated: *See*—
Gáspár, Béla, assignor.
Crompton & Knowles Loom Works: *See*—
Cedarlund, Albert, assignor.
Darwin, Clifford, assignor.
Holmes, Elbridge R., assignor.
Howe, Wilfred C., assignor.
McCaslin, S. N., and Lamb, assignors.
Palmer, Albert, assignor.
Palmer, A., and Santon, assignors.
Payne, Oscar V., assignor.
Santon, Elliot A., assignor.
Turner, Richard G., assignor.
Wakefield, Walter H., assignor.
Whitin, Herbert A., assignor.
Cromwell, Herbert F.: *See*—
Kramer, C. F., and Cromwell.
Cromwell, Robert H.: *See*—
Wanamaker, E. M., Cromwell, and Chamberlin, assignors.
Cron, Charles L.: *See*—
Rector, L. L., and Cron.
Cronan, James E., Howell, Mich. Ratchet wrench. 2,376,575; May 22.
Cronan, Mark D.: *See*—
Titcomb, A. C., and Cronan.
Cronin, Joseph F., San Francisco, Calif. Paper-folding device. 2,370,125; Feb. 27.
Croninger, Arthur G., Miami, Okla. Supporting attachment for bifocal spectacles. 2,370,843; Mar. 6.
Crook, Louis H., assignor to Aerodynamic Research Corporation, Washington, D. C. Aircraft. 2,384,893; Sept. 18.
Crooker, Clarence A., Mankato, Minn. Draft regulator 2,371,677; Mar. 20.
Crooks, Earl G., Binghamton, assignor to Lestershire Spool and Manufacturing Company, Johnson City, N. Y. Spool or bobbin. 2,368,450; Jan. 30.
Crooks, Earl G., Binghamton, assignor to Lestershire Spool and Manufacturing Company, Johnson City, N. Y. Wood screw. 2,380,724; July 31.
Crooks, Harry M., Jr.: *See*—
Marker, R. E., and Crooks.
Crooks, Harry M., Jr., Detroit, and E. M. Jones, Grosse Pointe Woods, assignors to Parke, Davis & Company, Detroit, Mich. Preparing steroidal hormones. 2,383,472; Aug. 28.
Crosby, David R., Haddonfield, N. J., assignor to Radio Corporation of America. Resistor. 2,381,724; Aug. 7.
Crosby, Melvin A.: *See*—
Abe, P. A., Brown, and Crosby.
Bench, D. E., and Crosby.
Bench, D. E., Crosby, and Toulmin.
Luaces, E. L., and Crosby.
Crosby, Melvin A., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Multiple stage pumping system. 2,366,388; Jan. 2.
Crosby, Melvin A., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Apparatus for induction heating of molding machines. 2,381,866; Aug. 14.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Variable reactance and control circuit therefor. 2,368,643; Feb. 6.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Reactance tube. 2,371,285; Mar. 13.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation detector circuits. 2,373,546; Apr. 10.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulator. 2,374,000; Apr. 17.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Discriminator circuit. 2,374,734; May 1.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Combined discriminator and carrier filter circuits. 2,374,735; May 1.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Wave length modulator. 2,375,527; May 8.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,376,125; May 15.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulated wave discriminator. 2,376,126; May 15.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency discriminator. 2,376,127; May 15.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic frequency control system. 2,377,326; June 5.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver circuits. 2,379,688; July 3.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency control circuit. 2,379,689; July 3.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Wave length modulator and control means. 2,380,947; Aug. 7.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Electronic motor control. 2,380,948; Aug. 7.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,383,847; Aug. 28.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Reactance control circuit. 2,383,848; Aug. 28.
Crosby, Stephen A., Chicago, Ill., assignor to Sterling Tool Products Company. Antifriction bearing. 2,385,404; Sept. 25.
Crosland, Edward M., assignor to T. & T. Vicars Limited, Earlestown, Newton-le-Willows, England. Conveying apparatus. 2,371,877; Mar. 20.
Crosley Corporation, The: *See*—
Kittel, Claude, assignor.
Crosley, Raymond W., and H. W. Conner, assignors to Wm. Wrigley, Jr., Company, Chicago, Ill. Manufacture of chocolate confections. 2,384,077; Sept. 4.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,367,386; Jan. 16.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Detachably connecting a raceway member to the stationary frame of a machine. 2,375,975; May 15.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,375,976; May 15.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Electric motor protective system. 2,387,646; Oct. 23.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Orienting instrument. 2,387,647; Oct. 23.
Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Clutch. 2,387,648; Oct. 23.
Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Multiplying calculator. 2,374,333; Apr. 24.
Cross, Bert S., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Sheeted cellulosic material and abrasive article and making the same. 2,386,780; Oct. 16.
Cross, Carroll N. Middleboro, Mass. Picture mount and making the same. 2,369,438; Feb. 13.

Cross, Carroll N., Middleboro, Mass. Picture support. 2,373,873; Apr. 17.
Cross, Carroll N., Middleboro, Mass. Mount. 2,373,874; Apr. 17.
Cross, Carroll N., Middleboro, Mass. Display mount. 2,373,875; Apr. 17.
Cross, Carroll N., Middleboro, Mass. Display mount support. 2,383,776; Aug. 28.
Cross, Carroll N., Middleboro, Mass. Display mount. 2,390,294; Dec. 4.
Cross, Cedric B., Poultney, Vt., and D. C. Zipp, assignors to Production Devices Incorporated, Whitehall, N. Y. Jaw construction for vises. 2,373,384; Apr. 10.
Cross, David: *See*—
Ernst, W., and Cross.
Cross, Edgar A., Greenwich, Ohio, assignor to J. I. Case Company, Racine, Wis. Vacuum lifting device. 2,376,576; May 22.
Cross, Harry M., Rochester, N. Y. Package stacker. 2,387,315; Oct. 23.
Cross, Robert C., Riverside, assignor to Sears, Roebuck and Co., Chicago, Ill. Emergency grate. 2,380,630; July 31.
Cross, Roland C., Bath, England. Centrifugally operated engine speed governor. 2,376,665; May 22.
Cross, Roy, Kansas City, Mo. Secondary recovery of oil. 2,386,036; Oct. 2.
Cross, Thomas, Jr.: *See*—
Fulton, S. C., and Cross.
Crosse, Margaret, and A. Roberts, New York, N. Y. Electro-therapeutic device. 2,379,884; July 10.
Crosser, David H., Chicago, Ill. Making artificial snow 2,371,678; Mar. 20.
Crossfield Products Corp.: *See*—
Patch, Harold K., assignor.
Crossley, Moses L., and B. L. West, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyes. 2,386,596; Oct. 9.
Crosson, Leo H.: *See*—
Oliver, T. C., Long, and Crosson.
Crotty Manufacturing Corporation: *See*—
Crotty, Michael C., assignor.
Crotty, Michael C., Flushing, assignor to Crotty Manufacturing Corporation, New York, N. Y. Boiler amplifier. 2,386,842; Oct. 16.
Crouch, Garland N., Oklahoma City, Okla. Air refrigerating apparatus. 2,371,129; Mar. 13.
Crouch, Harold W., Rochester, N. Y., and H. E. Stauss, Millburn, assignors to Baker & Company, Inc., Newark, N. J. Combustion of halogenated organic vapors. 2,384,368; Sept. 4.
Croup, Alfred H.: *See*—
Samson, E. W., and Croup.
Crouse, George B., East Setauket, assignor, by mesne assignments, to Photo-Positive Corporation, New York, N. Y. Making templates and the like. 2,372,767; Apr. 3.
Crouse-Hinds Company: *See*—
Jeffers, Walter M., assignor.
Crow, Harold I., Radburn, assignor to Air Associates, Incorporated, Teterboro, N. J. Friction clutch. 2,373,462; Apr. 10.
Crowder, George W., Los Angeles, Calif. Cable tool. 2,380,725; July 31.
Crowder, John A.: *See*—
Beckham, L. J., and Crowder.
Crowe Chemical Company: *See*—
Crowe, Morton B., assignor.
Crowe, Francis M., Burlingame, Calif. Hollow precast building slab and manufacture. 2,370,638; Mar. 6.
Crowe, John M., Covington, Ky. Open-hearth furnace and operation. 2,385,261; Sept. 18.
Crowe, Matthew R., Winthrop, Mass. Relief valve. 2,377,132; May 29.
Crowe, Morton B., assignor to Crowe Chemical Company, Tulsa, Okla. Medicament vehicles or emulsions. 2,381,262; Aug. 7.
Crowell-Collier Publishing Company, The: *See*—
Lundbye, Axel E., assignor.
Crowell, Harry B., Evanston, Ill. Fishing apparatus; 2,370,013; Feb. 20.
Crowell, Oscar H., Russellville, Ala. Razor blade with integral guard. 2,382,296; Aug. 14.
Crowley, Daniel J., Grosse Pointe, Mich. Game. 2,378,621; June 19.
Crowley, Duncan J.: *See*—
Badertscher, D. E., Coonradt, and Crowley.
Badertscher, D. E., Crowley, and Feasley.
Daley, H. G., Crowley, Badertscher, and Coonradt.
Crowley, Henry L., South Orange, N. J. Producing metallic bodies. 2,386,544; Oct. 9.
Crowley, Henry L., South Orange, and A. M. Hossenlopp, Metuchen, assignors to Henry L. Crowley & Company, Inc., West Orange, N. J. Ceramic bodies and producing same. 2,382,136; Aug. 14.
Crowley, Henry L., South Orange, and A. M. Hossenlopp, Metuchen, assignors to Henry L. Crowley & Company, Inc., West Orange, N. J. Steatite-type body and producing same. 2,382,137; Aug. 14.
Crowley, Henry L., & Company, Inc.: *See*—
Crowley, H. L., and Hossenlopp, assignors.
Danziger, Harold I., assignor.
Crowley, John A., Jr.: *See*—
Simpson, T. P., Payne, and Crowley.
Crown Cork & Seal Company, Inc.: *See*—
Bulatkin, Iliya F., assignor.
Calleson, Amos and E. A., assignors.
Cooke, Giles B., assignor.
Cooke, G. B., and Ryan, assignors.
Costa, Ralph E., assignor.
Gladfelter, W. I., and Ehrlich, assignors.
Gladfelter, W. I., and Schmidt, assignors.
Glock, Charles E., assignor.
Grabus, A. P., Jr., and Warth, assignors.
Harding, Hiram R., assignor.
McManus, C. E., and Elder, assignors.
McManus, C. E., and Gladfelter, assignors.
Patrick, W. A., Jr., and (Elder, assignor).
Powell, Paul R., assignor.
Rau, Harry A., assignor.
Rolker, Edwin, assignor.
Soldan, Clarence W., assignor.
Stewart, Robert J., assignor.
Stewart, R. J., and Bartley, assignors.
Stewart, R. J., and Pahl, assignors.
Stoll, Charles C., assignor.
Warth, A. H., and Grabus, assignors.
Warth, A. H., and Lidard, assignors.
Warth, A. H., and Rainer, assignors.
Crown Rheostat & Supply Co.: *See*—
Huenerfauth, G. E., and Green, assignors.
Crown Zellerbach Corporation: *See*—
Grondona, Charles A., assignor.
Crownfield, William K., Franklin Township, Somerset County, N. J. Pencil pointing device. 2,378,287; June 12.
Crowther, Bayard H., Wyncote, assignor to Bachmann Brothers, Inc., Philadelphia, Pa. Combination goggles and eyeshade. 2,385,405; Sept. 25.
Crowther, George A., Manhasset, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Fire control computer. 2,382,776; Aug. 14.
Crozier, Bruce D., assignor to Curtis Companies Incorporated, Clinton, Iowa. Window structure. 2,376,666; May 22.
Crozier, Harold E., Hawthorne, Calif. Vacuum polishing lathe. 2,372,812; Apr. 3.
Crucible Steel Company of America: *See*—
Briggs, Janet Z., assignor.
Ferm, John F., assignor.
Schultz, William O., assignor.
Cruickshank, Alice C., et al.: *See*—
Cruickshank, James H., assignor.
Cruickshank, Florence B., et al.: *See*—
Cruickshank, James H., assignor.
Cruickshank, James H., assignor of thirty-five per cent to F. B. Cruickshank, five per cent to J. H. Cruickshank, Jr., five per cent to J. E. Cruickshank, five per cent to R. W. Cruickshank, and fifteen per cent to A. C. Cruickshank, Big Indian, N. Y. Bolted pallet and skid platform. 2,371,878; Mar. 20.
Cruickshank, James H., Jr., et al.: *See*—
Cruickshank, James H., assignor.
Cruickshank, John E., et al: *See*—
Cruickshank, James H., assignor.
Cruickshank, Robert W., et al.: *See*—
Cruickshank, James H., assignor.
Crum, Stephen, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,390,425; Dec. 4.
Crumb, Charles F., Clarendon Hills, and E. R. Gerber, Chicago, Ill., assignors to International Harvester Company. Corn sheller. 2,380,295; July 10.
Crumble, James H., Brooklyn, N. Y. Float operated mechanism. 2,384,536; Sept. 11.
Crumble, James H., Brooklyn, N. Y. Vehicle. 2,384,728; Sept. 11.
Crump, Albert V.: *See*—
Ackerman, E. L., and Crump.
Crupi, Joseph: *See*—
Boyer, R. A., Crupi, and Atkinson.
Cruzan, Harold, Dayton, Ohio, and H. T. Booth, Glencoe, Ill., said Cruzan assignor to United Aircraft Products, Inc., Dayton, Ohio. By-pass control valve. 2,391,551; Dec. 25.
Cubberley, Mitchell H., assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Collapsible tube folding apparatus. 2,381,717; Aug. 7.
Cube Steak Machine Co.: *See*—
Spang, Joseph P., assignor.
Cucchi, Adamo, and G. Manzini, Sesto S. Giovanni, Milan Italy; vested in the Alien Property Custodian. Apparatus for inside riveting of hollow rivets. 2,374,079; Apr. 17.
Cuddigan, Bartholomew O., Wadena, and J. F. Wirth, Minneapolis, Minn. Garden tool. 2,387,748; Oct. 30.
Cueni, Clemens P., Arlington, assignor to Porete Manufacturing Company, North Arlington, N. J. Composite beam structure. 2,382,138; Aug. 14.
Cueni, Clement P., assignor to Porete Manufacturing Company, Arlington, N. J. Composite ship construction. 2,370,940; Mar. 6.
Cueni, Clement P., Arlington, assignor to Porete Manufacturing Company, North Arlington, N. J. Prestressed composite structure. 2,382,139; Aug. 14.
Cueni, Franz: *See*—
Hartmann, M., Cueni, Druey, and von Meyenburg.

Culbertson, George A., Long Branch, N. J., assignor to The Union Switch and Signal Company, Swissvale, Pa. Vehicle counting apparatus. 2,382,140; Aug. 14.
Cull, Fred A., Beaumont, Tex. Discharge outlet. 2,382,468; Aug. 14.
Cullen, Francis H., Philadelphia, Pa. Smoke purifier. 2,366,700; Jan. 9.
Cullers, Floyd C., Arcadia, Fla. Airplane jack. 2,377,404; June 5.
Cullman, Otto, Lester H., Hornbrook, and N. B. Wienke, assignors to Cullman Wheel Co., Chicago, Ill. Sprocket milling machine. 2,367,100; Jan. 9.
Cullman Wheel Co.: *See*—
Cullman, O., Hornbrook, and Wienke, assignors.
Cullum, Bertram L., Atlanta, Ga. Lock or latch. 2,370,781; Mar. 6.
Cumfer, Donald A., Ridgewood, N. J. Pipe coating apparatus and method. 2,371,224; Mar. 13.
Cumfer, Donald A., Ridgewood, N. J., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,369,118; Feb. 13.
Cumming, James M.: *See*—
Peek, H. L., and Cumming.
Cumming, James M., Turtle Creek, Pa., and H. L. Peek, Camp Gordon, Ga., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,384,801; Sept. 18.
Cummings, Fred A.: *See*—
Shipman, R. F., assignor.
Cummings, Ira R.: *See*—
Pegg, E. H., and Cummings.
Cummings, John W.: *See*—
Yager, L., and Cummings.
Cummings, Robert E., assignor to Thompson Products, Inc., Cleveland, Ohio. Making evacuated valves. 2,367,756; Jan. 23.
Cummings, Robert E., Cleveland, Ohio, assignor to Thompson Products, Inc. Valve insert seat. 2,369,025; Feb. 6.
Cummings, William H., San Antonio, Tex., assignor to American Telephone and Telegraph Company. Testing device. 2,376,232; May 15.
Cummins, Arthur B., Millington, and C. J. O'Neil, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Paper and manufacturing same. 2,378,193; June 12.
Cummins, Earl, Kalamazoo, Mich. Thread cutter for tying machines. 2,382,210; Aug. 14.
Cummins, Norman W.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins.
Cummins, Walter E., Los Angeles, Calif. Pump jack. 2,380,686; July 31.
Cummins, William H., Portland, Oreg. Gauge for use in welding. 2,389,842; Nov. 27.
Cundall, Lincoln A., assignor to Eastman Kodak Company, Rochester, N. Y. Metal belt guiding mechanism. 2,380,221; July 10.
Cunliffe-Owen Aircraft, Limited: *See*—
Cooper, Daniel W., assignor.
Cunniff, Thomas W., assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Electronic device, circuit, and method. 2,374,666; May 1.
Cunningham, David H., Haddonfield, N. J., assignor to Radio Corporation of America. Spool. 2,374,736; May 1.
Cunningham, George R., Grosse Pointe Farms, Mich. Trim panel. 2,387,317; Oct. 23.
Cunningham, Guy C., Scarsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Extractive distillation. 2,380,723; July 31.
Cunningham, Harry G., Los Angeles, Calif. Camera film magazine and driving mechanism. 2,379,690; July 3.
Cunningham, James, Son & Company: *See*—
De Mato, Samuel P., assignor.
Cunningham, James, Son & Company: *See*—
Brand, S., and Cunningham.
Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Circuit breaker. 2,384,802; Sept. 18.
Cunningham, Marion M., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Tank fitting. 2,366,442; Jan. 2.
Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Seat for farm implements and the like. 2,370,014; Feb. 20.
Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Seat base or the like and making same. 2,371,954; Mar. 20.
Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Braced bed bottom or the like. 2,372,361; Mar. 27.
Cunningham, Marion M., South Bend, Ind., assignor to United States Rubber Company, New York, N. Y. Fuel supply system. 2,387,316; Oct. 23.
Cunningham, Oliver B., Haddonfield, H. Sussman, Pensauken Township, Camden County, and S. Gubin, Merchantville, N. J., assignors to Radio Corporation of America. Automatic tuning of transmitters. 2,376,667; May 22.
Cunningham, Orin D.: *See*—
Cislak, F. E., and Cunningham.
Cunningham, Richard C.: *See*—
Baker, B. P., and Cunningham.
Cuno, Charles W., Wilmington, Ill., assignor to The Lehon Company, Chicago, Ill. Continuous method of manufacturing asbestos-cement pipe. 2,367,844; Jan. 23.
Cuozzo, Michele, Lynn, Mass. Lasting shoes. 2,383,712; Aug. 28.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. 2,369,439; Feb. 13.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester. 2,381,880; Aug. 14.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester. 2,381,882; Aug. 14.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,381,886; Aug. 14.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Floor coverings. 2,382,297; Aug. 14.
Curado, Joseph G., Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Printing ink, printing, and article for use therewith. 2,382,861; Aug. 14.
Curado, Joseph G., Rutherford, N. J., and A. C. Finalborgo, assignors to General Printing Ink Corporation, New York, N. Y. Fibrous product and making the same. 2,372,713; Apr. 3.
Curl, Katie K., administratrix. (See Kirkland, Nicodemus E.)
Curle, Charles W., San Francisco, T. C. Curle, Ross, and R. F. Newton, San Francisco, Calif. Type slug end cutter. 2,369,947; Feb. 20.
Curle, Charles W., San Francisco, T. C. Curle, Ross, and R. F. Newton, San Francisco, Calif. Type slug side trimmer. 2,374,655; May 1.
Curle, Charles W., San Francisco, T. C. Curle, Ross, and R. F. Newton, San Francisco, Calif. Type slug low slugger. 2,374,656; May 1.
Curle, Theodore C.: *See*—
Curle, C. W. and T. C., and Newton.
Curle, Charles W. and T. C., and Newton.
Curme, George O., Jr., White Plains, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Diesel fuel and method of improving Diesel fuel ignition. 2,378,466; June 19.
Curme, George O., Jr., White Plains, N. Y., and H. C. Chitwood, and J. W. Clark, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Preparation of amino carboxylic acids and their salts. 2,384,816; Sept. 18.
Curme, George O., Jr., White Plains, N. Y., and H. C. Chitwood, and J. W. Clark, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corp. Preparation of amino carboxylic acids and their salts. 2,384,818; Sept. 18.
Curran, Frank M., assignor to Haskelite Manufacturing Corporation, Grand Rapids, Mich. Method of and apparatus for molding trays. 2,382,004; Aug. 14.
Curran, Fred J.: *See*—
Asset, G., Curran, and Wills.
Curran, Joseph F., Lu Verne, Iowa. Combine. 2,374,334; Apr. 24.
Curran, Maurice D.: *See*—
Burrough, Edward J., assignor.
Curran, Stanley T., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key-equipped telephone set. 2,387,719; Oct. 30.
Currie, Frank L.: *See*—
Ridings, G. H., and Currie.
Currie, Frank L., Plainfield, N. J., and C. F. Stearns, Oceanside, assignors to The Western Union Telegraph Company, New York, N. Y. Multioffice telegraph system. 2,390,517; Dec. 11.
Currie, James E., Philadelphia, Pa. Elevator overload and blockage appliance. 2,374,473; Apr. 24.
Curry, John J., Philadelphia, Pa. Capsule. 2,382,978; Aug. 21.
Curry, Joseph G., San Antonio, Tex. Extruder. 2,371,225; Mar. 13.
Curry, Paul N., assignor to Durametallic Corporation, Kalamazoo, Mich. Valve. 2,390,642; Dec. 11.
Curry, Robert S.: *See*—
Esval, O. E., Curry, Fragola, and Beach.
Fragola, C. F., Depp, and Curry.
Lane, A. W., and Curry.
Curry, Robert S., Jr.: *See*—
Haskins, R., Jr., Esval, and Curry.
Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Commutator and brush type switch. 2,368,644; Feb. 6.
Curry, Robert S., Jr., Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Controlling means for gyro instruments. 2,381,438; Aug. 7.
Curry, William E., Sunset Harbor, Fla. Attachment for safety razors. 2,366,599; Jan. 2.
Curtice, Chester I., Kansas City, Mo. Vegetable cutter. 2,374,851; May 1.
Curtin, Leonard S.: *See*—
Orr, T. F., and Curtin.

Curtis, Charles G., New York, N. Y. Two-cycle internal-combustion engine. 2,367,565; Jan. 16.
Curtis, Charles G., New York, N. Y. Internal-combustion engine. 2,376,233; May 15.
Curtis Companies Incorporated: *See*—
Bell, Forrest F., assignor.
Crozier, Bruce D., assignor.
Curtis, David, New York, N. Y. Anesthetic solutions. 2,382,546; Aug. 14.
Curtis, David, New York, N. Y. Therapeutic-anesthetic preparations. 2,385,262; Sept. 18.
Curtis, David, New York, N. Y. Stabilized aromatic compounds. 2,391,552; Dec. 25.
Curtis, Earl W.: *See*—
Harrold, C. W., and Curtis.
Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Spark gap. 2,381,648; Aug. 7.
Curtis, Frank W., Springfield, Mass., assignor to Van Norman Company. Throttle valve for machine tool control. 2,384,078; Sept. 4.
Curtis, Harold W., Stoughton, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Dust collector. 2,372,316; Mar. 27.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Chuck mechanism. 2,385,349; Sept. 25.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Impact tool. 2,385,797; Oct. 2.
Curtis, Manley M.: *See*—
Brede, W. S., Curtis, and Reibold.
Curtis Manufacturing Company: *See*—
Gygax, Ernest, assignor.
Curtis & Marble Machine Company: *See*—
Marble, George E., assignor.
Curtis Pump Company: *See*—
Curtis, Russell R., assignor.
Curtis, R. R., and Gates, assignors.
Curtis, R. R., and Schroeder, assignors.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Self-lubricated and cooled pump and motor assembly. 2,369,440; Feb. 13.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump seal. 2,373,463; Apr. 10.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Booster pump seal construction. 2,375,085; May 1.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Centrifugal separator pump. 2,379,133; June 26.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump seal construction. 2,379,868; July 10.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Fuel system. 2,383,369; Aug. 21.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Automatic pump speed control. 2,384,894; Sept. 18.
Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Combination booster pump. 2,390,204; Dec. 4.
Curtis, Russell R., and R. J. Schroeder, assignors to Curtis Pump Company, Dayton, Ohio. Submerged booster pump construction. 2,369,282; Feb. 13.
Curtis, Russell R., and R. L. Gates, assignors to Curtis Pump Company, Dayton, Ohio. Pump seal and drive construction. 2,380,222; July 10.
Curtis, Sidney et al.: *See*—
Scott, Philip B.
Curtiss, John S., El Paso, Tex. Fuse protector device. 2,388,309; Nov. 6.
Curtiss, John S., El Paso, Tex. Blasting cap fuse protector. 2,388,310; Nov. 6.
Curtiss, John S., Jr., Belmont, Calif. Die and making same. 2,388,528; Nov. 6.
Curtiss, Leon F.: *See*—
Krasnow, S., and Curtiss.
Curtiss-Wright Corporation: *See*—
Berlin, D. R., and Trimbach, assignors.
Birk, P. M., and Slater, assignors.
Blagden, Rudolph, assignor.
Blaylock, R. C., and Berrisford, assignors.
Darby, Robert A., assignor.
Dreifke, Raymond F., assignor.
Eiss, C. R., and Steele, assignors.
Hathorn, Charles E., assignor.
Hutton, James H., assignor.
Krickler, Frank, assignor.
Lindabury, Tryon S., assignor.
Lynex, Alfred J., assignor.
McKinnie, William P., assignor.
McWhorter, Charles R., assignor.
Nagamatsu, Henry T., assignor.
Noonan, E. L., and Tydon, assignors.
Page, G. A., Jr., Jerger, Rugge, and Watson, assignors.
Palley, I. Nevin, assignor.
Pekny, Edward R., assignor.
Poutie, Howard F., assignor.
Rose, Howard E., assignor.
Rowe, D. C., and Payne, assignors.
Schultz, Irving W., assignor.
Curtiss-Wright Corporation: *See*—Continued
Stoner, Marvin Le R., assignor.
Taylor, Paul H., assignor.
Trimbach, Clem G., assignor.
Trimbach, C. G., and Birk, assignors.
Tydon, Walter, assignor.
Tydon, W., and Augustine, assignors.
Walle, N. F., Sr., Maynard, and Kepler, assignors.
Williams, Sidney B., assignor.
Woppman, J. G., Hummel, and Newman, assignors.
Cusa, Noel W., C. E. Salkeld, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Nitrogenous organic compounds and their application. 2,369,776; Feb. 20.
Cushman, Everett B., Roscoe, assignor to Sturgess, Inc., Glendale, Calif. Cable tension regulator. 2,371,130; Mar. 13.
Cushman, Lee H., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Controlling mechanism. 2,386,383; Oct. 9.
Cusic, John W., assignor to G. D. Searle & Co., Skokie, Ill. Heterocyclic tertiary amines. 2,368,006; Jan. 23.
Cüsters, Jakob, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Apparatus for connecting plies of thermoplastic material. 2,387,566; Oct. 23.
Cuthbertson, George R., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Cellular rubber chloride. 2,371,382; Mar. 13.
Cuthill, Annandale, and J. C. McBroom, Los Angeles, Calif. Window construction. 2,371,154; Mar. 13.
Cutler, Frank W., Palm Springs, assignor to Food Machinery Corporation, San Jose, Calif. Fruit feeding device. 2,367,757; Jan. 23.
Cutler-Hammer, Inc.: *See*—
Charbonneau, A. P., Russell, and Seeger, assignors.
Evans, Clarence T., assignor.
Feldhausen, Cyril P., assignor.
Harwood, P. B., and Newman, assignors.
Hodgson, H. E., and Kuhn, assignors.
Krieger, Alvin W., assignor.
Kuhn, Clarence W., assignor.
Lassen, Eivind U., assignor.
Lassen, E. U. (assignor), and Johnson.
Lassen, E. U., and Newman, assignors.
Lillquist, A. E., and Proudfoot, assignors.
Nelson, E. H., and Stansbury, assignors.
Richter, Walther, assignor.
Robbins, Clyde F., assignor.
Rouse, William H., assignor.
Seeger, Edwin W., assignor.
Cutler, Roger W., Boston, Mass. Textile fiber working unit. 2,373,876; Apr. 17.
Cutler, Wallace E., Franklin, N. H. Oil cup. 2,377,543; June 5.
Cutter, George A., Dedham, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Welding apparatus. 2,384,014; Sept. 4.
Cuttner, George G.: *See*—
Grotnes, Carl C., assignor.
Cuyler, Robert H., Austin, and R. L. Goeth, Wichita Falls, assignors to J. F. Camp, San Antonio, Tex. Pressure measuring device. 2,384,159; Sept. 4.
Cyril Terence Delaney and Gallay, Limited: *See*—
Belaieff, James F., assignor.
Czapek, Emil, New York, N. Y. Machine and making cellulose films and the like. 2,371,155; Mar. 13.
Czapiewski, Frank, Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Attachment for sheet metal forming and working machines. 2,374,852; May 1.
Czeczowitzka, Rudolf H., Pendleton, Salford, assignor to Texproof Limited, Pendleton, England. Impregnating fabrics with liquid. 2,370,290; Feb. 27.
Czegka, Victor H., Ipswich, Mass. Sled. 2,369,283; Feb. 13.
Czerner, Severin F., Kings Mill, Tex. Tank gauge and filling device. 2,387,011; Oct. 16.
Czerner, Severin F., Kings Mill, Tex. Grease gun. 2,388,391; Nov. 6.
Daboll, Walter F.: *See*—
Goff, H. E., and Daboll.
Dabrasky, August, Washington, D. C. Vehicle. 2,370,639; Mar. 6.
D'Accadia, Eduardo U., Milano, Italy; vested in the Alien Property Custodian. Gas producer by solid fuel, and suitable to feed gas motors, and especially auto motors. 2,390,058; Dec. 4.
Dacey, Mary M., executor, et al.: *See*—
Moore, Thomas F.
Dach, Max, Flushing, N. Y. Fuel pump. 2,368,524; Jan. 30.
Da Costa, Harry, London, assignor to The Plessey Company Limited, Ilford, Essex, England. Fuel injector pump for internal-combustion engines. 2,366,771; Jan. 9.
Da Costa, Harry, London, assignor to The Plessey Company Limited, Ilford, England. Starter for internal-combustion engines. 2,388,469; Nov. 6.
Dadant, Henry C., and R. A. Grout, Hamilton, Ill. Bee comb foundation. 2,366,182; Jan. 2.
Dady, Arthur O., Flossmoor, assignor to Sears, Roebuck and Co., Chicago, Ill. Roller latch construction. 2,385,350; Sept. 25.

Dady, Arthur O., Flossmoor, assignor to Sears, Roebuck and Co., Chicago, Ill. Barometric draft control. 2,388,253; Nov. 6.
Dager, Albert, Los Angeles, Calif. Ink fountain. 2,378,690; June 19.
Dager, Albert, assignor of one-half to E. Shaheen, Los Angeles, Calif. Collator. 2,373,746; Apr. 17.
D'Agostino, Francisco J., and S. A. Valdes, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Modulation of electrical quantities. 2,385,086; Sept. 18.
Dahl, George H. M., Washington, D. C. Trolley controlling means. 2,376,758; May 22.
Dahl, Sven G. A., Stockholm, Sweden. Denture. 2,374,422; Apr. 24.
Dahlander, Noel L., et al.: *See*—
Margolin, N. G., and Anderson, assignors.
Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Ladder. 2,371,156; Mar. 13.
Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Flexible ladder. 2,378,913; June 26.
Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Broad rung ladder. 2,378,914; June 26.
Dahlander, Noël L., New York, N. Y., assignor of one-half to R. J. Earl, New Canaan, Conn. Interdeck ladder apparatus. 2,388,678; Nov. 13.
Dahlander, Noël L., New Milford, Pa., assignor of one-half to R. J. Earl, New Canaan, Conn. Ladder. 2,371,608; Mar. 20.
Dahlander, Noël L., New Milford, Pa., assignor of one-half to R. J. Earl, New Canaan, Conn. Ladder. 2,371,609; Mar. 20.
Dahlberg, Arthur C., Geneva, and R. F. Holland, Seneca Castle, N. Y., assignors, by mesne assignments, to Cherry-Burrell Corporation, Chicago, Ill. Pasteurizing milk. 2,390,872; Dec. 11.
Dahlberg, Arthur O., Scarsdale, N. Y. Fountain pen. 2,375,770; May 15.
Dahlberg, Tord O. R., Nockeby and K. M. Vigborg, assignors to Kooperativa Forbundet Forening, U. P. A., Stockholm, Sweden. Gunnery practice device. 2,382,777; Aug. 14.
Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Making polyvinyl acetals. 2,370,126; Feb. 27.
Dahle, Joseph, West Newton, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Making stable polyvinyl acetal resins. 2,380,824; July 31.
Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-phy-lac-tic Brush Company, Northampton, Mass. Polymeric acetals and making same. 2,387,833; Oct. 30.
Dahle, Joseph, West Newton, assignor, by mesne assignments, to Pro-Phy-Lac-Tic Brush Company, Northampton, Mass. Making polymeric acetals. 2,388,238; Nov. 6.
Dahlman, Nathan E., New York, N. Y. Simulated lace product. 2,366,183; Jan. 2.
Dahlman, Verner, assignor, to American Air Filter Company, Inc., Louisville, Ky. Automatic electrical precipitator. 2,383,111; Aug. 21.
Dahlman, Verner, assignor to American Air Filter Company, Inc., Louisville, Ky. Automatic electrical air cleaner. 2,383,112; Aug. 21.
Dahlstrom, John A.: *See*—
Focke, T. B., Dahlstrom, and Kirkpatrick.
Dahlstrom, Roy, Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Controlling the metastability of hydrolyzable titanium salt solutions. 2,368,591; Jan. 30.
Daiber, Ome C., Seattle, Wash. Chamber for conditioning air. 2,376,345; May 22.
Daiber, Ome C., Seattle, Wash. Mitten. 2,380,633; July 31.
Dailey, Donald E., Germantown, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet. 2,386,935; Oct. 16.
Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,379,067; June 26.
Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Uniting parts. 2,383,113; Aug. 21.
Dailey, Edward R., Little Rock, Ark. Multiface piston. 2,388,781; Nov. 13.
Dailey, William H., Jr., Library, Pa. Agitation of pickling baths. 2,389,488; Nov. 20.
Daily, Robert A.: *See*—
Seabury, R. L., and Daily.
Daily, Robert A., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Sealing storage batteries. 2,388,042; Oct. 30.
Daily, Robert A., Muncie, assignor to General Motors Corporation, Detroit, Mich. Storage battery. 2,391,820; Dec. 25.
Dain Manufacturing Company of Iowa: *See* —
Jones, Frank D., assignor.
Moschel, H., and Hill, assignors.
Dake, Charles W., Grand Haven, assignor of one-half to L. B. Lee, Muskegon Heights, Mich. Projectile for guns. 2,377,839; June 5.
Dake, George E., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Heating apparatus. 2,387,883; Oct. 30.
Dakin, James E., Jr.: *See*—
Clark, Daniel E., assignor.
Dale, Clarence R., Altadena, assignor of thirteen and three-fourths per cent to J. R. Pemberton and forty-five per cent to Technical Oil Tool Corporation, Ltd., Los Angeles, Calif. Record reproducing device. 2,369,284; Feb. 13.
Dale, Clarence R., assignor of thirteen and seventy-five one hundredths per cent to J. R. Pemberton, and forty-five per cent to Technical Oil Tool Corporation, Ltd., Los Angeles, Calif. Recording instrument for oil wells. 2,382,609; Aug. 14.
Dale, Colin B., Oak Park, Ill., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic phonograph. 2,374,080; Apr. 17.
Dale, Wallace W., Barre Center, N. Y. Fruit harvesting basket. 2,367,566; Jan. 16.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic compositions obtained by reaction of a chlorinated acetamide with a benzyl sulphonamide-modified urea resin. 2,366,494; Jan. 2.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic products having molecularly oriented structure. 2,366,495; Jan. 2.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Polyaminotriazine-formaldehyde resin modified with a preformed mono salt of a polyaminotriazine. 2,368,451; Jan. 30.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of an aldehyde and a triazole derivative. 2,369,948; Feb. 20.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazole derivatives. 2,369,949; Feb. 20.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquid media. 2,373,547; Apr. 10.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquid media. 2,373,548; Apr. 10.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Removing cations from liquid media. 2,373,549; Apr. 10.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazole derivatives. 2,374,335; Apr. 24.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Urea-dimethylol urea-chlorinated acetamide resin. 2,377,761; June 5.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminoplasts having intercondensed therein a partial amide of a polycarboxylic acid. 2,377,866; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products. 2,377,867; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic compositions. 2,377,868; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymerization products of vinyl chloride and di-esters of itaconic acid. 2,378,194; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparation of partial polymers and copolymers of divinyl benzene. 2,378,195; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparation of divinyl benzene products. 2,378,196; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparation of divinyl benzene products. 2,378,197; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products and triazine derivatives. 2,378,198; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic resinous compositions comprising intercondensation products of vinyl esters, guanazoles, aldehydes and/or ketones. 2,378,199; June 12.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,379,691; July 3.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Chlorinated synthetic rubber. 2,380,726; July 31.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of an aldehyde and a triazole derivative. 2,384,369; Sept. 4.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of the modified urea-aldehyde type. 2,389,415; Nov. 20.
D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Plywood structures and related articles and making the same. 2,389,418; Nov. 20.

D'Alelio, Gaetano F., Northampton, Mass., assignor to General Electric Company. Plasticized vinyl compounds. 2,378,753; June 19.

D'Alelio, Gaetano F., Northampton, Mass., assignor to General Electric Company. Compounds produced from salts of sulphamic acid and their preparation. 2,389,416; Nov. 20.

D'Alelio, Gaetano F., and J. J. Pyle, Pittsfield, Mass., assignors to General Electric Company. Preparing derivatives of morpholine and thiamorpholine. 2,375,628; May 8.

D'Alelio, Gaetano F., Northampton, and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Ester of alpha-hydroxy isobutyric acid. 2,375,629; May 8.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,382,211; Aug. 14.

D'Alelio, Gaetano F., and J. J. Pyle, Pittsfield, Mass, assignors to General Electric Company. Derivatives of aminobenzene sulphonamides. 2,388,529; Nov. 6.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and triazine derivatives. 2,389,417; Nov. 20.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Modified alkyd resin varnishes. 2,389,896; Nov. 27.

D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,391,683; Dec. 25.

Daley, Henry G., Woodbury Heights, and J. C. Howard, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Apparatus and process for making catalytic particles. 2,384,455; Sept. 11.

Daley, Henry G., Woodbury Heights, D. J. Crowley, Pennsgrove, D. E. Badertscher, Woodbury, N. J., and H. L. Coonradt, Camp Lee, Va., assignors to Socony-Vacuum Oil Company, Incorporated. Purification of butadiene. 2,386,770; Oct. 16.

Dalgleish, James W., assignor to Pye Limited, Cambridge, England. Oven for heating filamentary products. 2,373,550; Apr. 10.

Dalin, David, Sodertalje, Sweden. Regulating the passage of gases in heat exchangers. 2,374,178; Apr. 24

Dalin, David, Kristiansborg, Sweden. Apparatus for separating from a gas or liquid medium solid or liquid particles. 2,386,196; Oct. 9.

Dalin, David, Sodertalje, Sweden. Damper and shutter for regulating the passage of a medium. 2,391,010; Dec. 18.

Da-Lite Screen Company, Inc.: *See*—
Du Mais, Leo J., assignor.
Heck, J. T., and Du Mais, assignors.

Dällenbach, Walter, Berlin W 35, A. Allerding, Berlin-Friedrichshafen, and E. Huttmann, Berlin-Kopenick, Germany; vested in the Alien Property Custodian. Oscillator-modulator circuit. 2,382,693; Aug. 14.

Dally, Roy, F. H. Goldsmith, and D. J. Munroe, assignors to Webster Electric Company, Racine, Wis. Recorder. 2,379,282; June 26.

Dalmen, August: *See*—
Hoffman, L., and Dalmen.

Dalmer, Otto, C. Diehl, and H. Pieper, Darmstadt, Germany, assignors to Merck & Co. Inc., Rahway, N. J. Derivatives of tertiary amino aliphatic acids. 2,370,015; Feb. 20.

Dalmo Victor, Inc.: *See*—
Soule, Arthur H., assignor.

Dalstra, Hendrik: *See*—
Campfens, C. J., and Dalstra.

Dalton, Benjamin W., Detroit, Mich. Sheet separator for printing presses. 2,390,827; Dec. 11.

Dalton, John T., Durham, N. C., assignor to The American Tobacco Company, New York, N. Y. Machine for securing tags to bag strings. 2,382,778; Aug. 14.

Dalton, Nelson W., Moorestown, N. J., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Structural frame. 2,389,767; Nov. 27.

Dalton, Samuel L., Ysleta, Tex. Power spraying machine. 2,381,649; Aug. 7.

Daly, Daniel F.: *See*—
Ballou, R. P., and Daly.

Daly, Edric W., Santiago, Chile. Automatic cream expender. 2,373,171; Apr. 10.

Daly, George F.: *See*—
Lake, C. D., and Daly.

Daly, George F., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,377,762; June 5.

Daly, George F., Endicott, N. Y., and F. N. Esher, Rutherford, N. J., assignors to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,369,441; Feb. 13.

Daly, George F., Endicott, G. V. A. Malmros, Binghamton, and B. H. Phillips, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Card sensing machine. 2,372,882; Apr. 3.

Daly, James B., Cleveland, Ohio, assignor to American Telephone and Telegraph Company. Subharmonic generator. 2,383,777; Aug. 28.

Daly, John A., assignor to Daly Ticket Company, Collinsville, Ill. Combination miner's check book. 2,391,136; Dec. 18.

Daly, Le Grand, Port Clinton, Ohio. Thermosetting plastic material. 2,384,015; Sept. 4.

Daly, Raymond E., and F. A. Frankenfield, Chicago, Ill., and H. H. Schopmeyer, Hammond, Ind., assignors to American Maize-Products Company. Making modified corn starch. 2,373,016; Apr. 3.

Daly, Thomas H., Watervliet, Mich. Spraying apparatus. 2,369,950; Feb. 20.

Daly Ticket Company: *See*—
Daly, John A., assignor.

Daly, William J., Brooklyn, N. Y., assignor, by mesne assignments, to Jasco, Incorporated. Stabilization of polyisobutylene. 2,387,499; Oct. 23.

Daly, Webster J., Los Angeles, Calif. Photographic apparatus. 2,386,781; Oct. 16.

Dalzell, Charles B., Little Falls, and R. J. Neely, Middleville, N. Y., assignors to Cherry-Burrell Corporation, Chicago, Ill. Pasteurizing apparatus. 2,371,807; Mar. 20.

Dalzell, Charles B., and E. Wyman, Little Falls, N. Y., assignors to Cherry-Burrell Corporation, Wilmington, Del. Heat exchange device. 2,383,292; Aug. 21.

Dalzell, Clarence W.: *See*—
Heyer, B. F. W., Dalzell, and Horton.

Dalzell, Harold L.: *See*—
Farrington, T. B. and R. K., and Dalzell.

Damian, Samuel W., Duquesne, Pa. Safety glasses. 2,368,117; Jan. 30.

Damicone, Clement A.: *See*—
Vance, R. M., and Damicone.

Damme, Walter O., and R. J. Gabler, assignors to Butler Manufacturing Company, Kansas City, Mo. Pressure filter. 2,379,848; July 3.

Dana, Homer J., Pullman, Wash. Pole soundness tester. 2,389,030; Nov. 13.

Dana, Stanley, Corp.: *See*—
York, Ernest E., assignor.

Danbar Packing Company: *See*—
Barth, August, assignor.

Danciger, Murray J.: *See*—
Klazkin, A., and Danciger.

Danciger Oil & Refineries, Inc.: *See*—
Isham, Robert M., assignor.

Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Refining of hydrocarbon oil. 2,373,227; Apr. 10.

Danforth, Joseph D., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic cracking of hydrocarbons. 2,378,200; June 12.

Dangelmajer, Charles, Nutley, N. J. Testing resistance to run and tear formation. 2,369,661; Feb. 20.

Dangelmajer, Charles, Nutley, N. J. Plasticizing proteins. 2,374,667; May 1.

Daniel, Sam P., et al.: *See*—
Williams, Edward B., Jr., assignor.

Daniel, Thomas, Detroit, Mich. Automobile cover. 2,366,600; Jan. 2.

Daniels, Arthur W., Cedar Rapids, Iowa, and J. P. Murtaugh, Oak Park, Ill., assignors to Daniels-Murtaugh Company, Cedar Rapids, Iowa. Dipper tooth. 2,369,285; Feb. 13.

Daniels, George H., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator 2,371,226; Mar. 13.

Daniels, James W., Fort Myers, Fla. Clam dredge. 2,386,295; Oct. 9.

Daniels, John S., Rockaway, Oreg. Oil burner. 2,388,254; Nov. 6.

Daniels-Murtaugh Company: *See*—
Daniels, A. W., and Murtaugh, assignors.

Daniels, Olive, et al.: *See*—
Carstarphen, William P., assignor.

Daniels, Paul J., Milwaukee, Wis. Carpet sweeper. 2,380,634; July 31.

Daniels, Robert C., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Hydrolyzing fats. 2,387,884; Oct. 30.

Daniels, Rupert S., Union, and A. J. Mostello, Newark, N. J., assignors to Bakelite Corporation. Abrasive compositions. 2,385,776; Oct. 2.

Danielson, Raymond W., Chicago, Ill. Calculating device. 2,381,424; Aug. 7.

Danielsson, Gösta J. D., Alsten, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Purifying sulphite liquor. 2,380,504; July 31.

Dank, Albert E., assignor to Assembled Products Co., Baltimore, Md. Tire valve. 2,370,451; Feb. 27.

Dann, Charles W., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,380,727; July 31.

Dann, Charles W., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Telephone coupling apparatus. 2,384,604; Sept. 11.

Dann, Morris, Cleveland, Ohio. Artificial respiration and aspiration apparatus. 2,382,610; Aug. 14.

D'Anna, Anthony J., et al.: *See*—
Rainsford, Thomas F., assignor.

Dannenbaum, Hans, Falkenhain-Finkenkrug, near Berlin, Germany, assignor to Schering Corporation, Bloomfield, N. J. Carboxylic acids of cyclopentanopolyhydrophenanthrene series and producing the same. 2,368,204; Jan. 30.
Dannenberg, Hans: *See*—
Adelson, D. E., and Dannenberg.
Danner, Edward, Newark, Ohio. Glassware-forming apparatus. 2,370,618; Mar. 6.
Danner, Edward, Newark, Ohio. Glassware-forming apparatus. 2,390,925; Dec. 11.
Danner, Edward, Newark, Ohio. Hollow glassware-forming apparatus. 2,390,926; Dec. 11.
Danuser, Jakob, Arlesheim, and R. von Capeller, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo hetero-oxygen compounds. 2,391,137; Dec. 18.
Dany, Elmer W., Brecksville, and P. S. Gruber, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Furnace. 2,375,771; May 15.
Danziger, Harold I., assignor to Henry L. Crowley & Company, Inc., West Orange, N. J. Electrical device. 2,377,213; May 29.
Dapolito, August A., assignor to L. L. Guardino, Jersey City, N. J. Comb. 2,383,713; Aug. 28.
Darby, Paul F., Fairfield, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Optical object aligning device. 2,367,567; Jan. 16.
Darby, Robert A., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Fuselage bulge. 2,385,499; Sept. 25.
Darby, Vene L., Inglewood, Calif., assignor to North American Aviation, Inc. Floating nut. 2,384,729; Sept. 11.
Darby, William S., Baltimore, Md. Muffler for intercommunicating system units. 2,373,172; Apr. 10.
D'Arcey, Alfred C., Milton, assignor to Mason-Neilan Regulator Co., Boston, Mass. Flow regulating valve with linear characteristics. 2,374,336; Apr. 24.
D'Ardenne, Walter H., Jenkintown Manor, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Trigger control mechanism. 2,376,129; May 15.
Darley, Ralph E., Glen Burnie, Md., assignor to Standard Oil Development Company. Lubricant manufacture. 2,382,694; Aug. 14.
Darli Industrial Management, Incorporated: *See*—
Ligh, David R., assignor.
Darling, Chester A.: *See*—
Darling, Nathan C., and C. A.
Darling, Glen F., Hollywood, Calif. Windshield wiper. 2,372,813; Apr. 3.
Darling, Nathan C., Shelton, Conn., and C. A. Darling, McClellan Field, Calif. Mason's implement. 2,381,263; Aug. 7.
Darling, Robert B., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Treatment of cellulose. 2,382,399; Aug. 14.
Darnell, Edward F., assignor to O. S. Petty, San Antonio, Tex. Loading basket for explosive charges. 2,377,763; June 5.
Darnell, Richard C., Champaign, Ill. Director trainer. 2,387,749; Oct. 30.
Darnell, Victor L.: *See*—
Leflar, J., and Darnell.
Da Roza, Francis G., Ferndale, and F. E. Hill, assignors to General Motors Corporation, Detroit, Mich. Interlocking system. 2,382,611; Aug. 14.
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin magazine for weft replenishing looms. 2,381,725; Aug. 7.
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control for weft replenishing mechanism. 2,387,122; Oct. 16.
Dasher, Richard, assignor to L. M. Rabinowitz & Company, Inc., New York, N. Y. Making fastening strips. 2,369,026; Feb. 6.
Daskais, Morris H., Chicago, Ill., assignor to Research Corporation. Mercuri-acetylide compounds and preparing same. 2,369,339; Feb. 13.
Daskais, Morris H., and E. K. Fields, Chicago, Ill., assignors to Research Corporation. Stabilized organic substances and stabilizing same. 2,388,255; Nov. 6.
Dath, George E.: *See*—
Haseltine, S. B., and Dath.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,370,291; Feb. 27.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,373,813; Apr. 21.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,375,897; May 15.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,380,028; July 10.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,390,205; Dec. 4.
Dath, George E., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,391,618; Dec. 25.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,378,537; June 19.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,378,538; June 19.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,386,093; Oct. 2.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,386,384; Oct. 9.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,389,123; Nov. 20.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,390,206; Dec. 4.
Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,390,207; Dec. 4.
Datin, Richard C., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Pebbling ammonium nitrate. 2,382,298; Aug. 14.
Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Two-speed propeller drive. 2,372,883; Apr. 3.
D'Aubarede, Paul C. A. M., Saint-Genis-Laval, France; vested in the Alien Property Custodian. Airscrew propeller mounting. 2,369,538; Feb. 13.
Daubs, Eugene T., South St. Paul, Minn. Tool. 2,387,430; Oct. 23.
Daudelin, Jean B., Fall River, Mass., and R. J. Messier, assignors to Daudelin and Messier Company, Incorporated, East Providence, R. I. Loom shuttle. 2,377,925; June 12.
Daudelin and Messier Company: *See*—
Daudelin, J. B., and Messier, assignors.
Daudt, William H., assignor to Corning Glass Works, Corning, N. Y. Bis-trimethylsilicyl oxide and its preparation. 2,386,441; Oct. 9.
Daudt, William H., assignor to Corning Glass Works, Corning, N. Y. Trimethylethoxysilicane and its preparation. 2,390,518; Dec. 11.
Dauenhauer, Florian F., Santa Rosa, Calif. Pocket trommel. 2,376,128; May 15.
Dauenhauer, Florian F., Santa Rosa, Calif. Stationary type hop picking machine. 2,391,138; Dec. 18.
Daugherty, James P., Jr., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Reactivation of catalysts. 2,371,610; Mar. 20.
Daugherty, Jesse, assignor to The Cincinnati Planer Company, Cincinnati, Ohio. Tool lifter for machine tools. 2,387,012; Oct. 16.
Daun, Carl L., Milwaukee, Wis., assignor to Chill-Quick Corporation. Cooling system. 2,367,340; Jan. 16.
Dauphinee, George S., Brooklyn, assignor to William B. Connor, New York, N. Y. Ventilating system. 2,369,119; Feb. 13.
Davenport, Edith E., executrix: *See*—
Silva, F. G., and Davenport.
Davenport, Granger, Montclair, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Control for machine tools. 2,374,255; Apr. 24.
Davenport, Granger, Montclair, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Motor control system. 2,374,257; Apr. 24.
Davenport, Granger, Montclair, assignor to Gould & Eberhardt, Newark, N. J. Infeed control for worm gear hobbing machines. 2,374,258; Apr. 24.
Davenport Machine Tool Co., Inc.: *See*—
Silva, F. G., and Davenport, assignors.
Silva, F. G., and Seymour, assignors.
Davenport, Ted C. C., Gardena, Calif. Lathe center. 2,376,905; May 29.
Davey, Edward L.: *See*—
Beaver, C. J., Davey, and Pirie.
Davey, James R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 2,384,456; Sept. 11.
Davey, Peter, White Plains, N. Y. Calculator. 2,385,334; Sept. 25.
Davey, Warren, Montclair, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Reaction process. 2,389,246; Nov. 20.
David, Andrew M., Washington, D. C. Outlet receptacle and wall plug. 2,380,151; July 10.
David, Erich, U. S. Army. Pneumatic power device. 2,380,152; July 10.
David-Ludwig Company: *See*—
Ludwig, John E., Sr., assignor.
David, Roger H., St. Paul, Minn. Shoe shining kit. 2,372,556; Mar. 27.
Davidsen, Jess S. W., Mountain View, Calif. Control system for hydraulically actuated devices. 2,385,351; Sept. 25.
Davidson, Bruce J., Manhasset, assignor to National Biscuit Company, New York, N. Y. Shipping container. 2,367,008; Jan. 9.
Davidson, Bruce J., Manhasset, assignor to National Biscuit Company, New York, N. Y. Carton. 2,367,717; Jan. 23.
Davidson Enamel Products, Inc.: *See*—
Austin, C. R., and Duncombe, assignors.
Davidson, Harvey E., Tulsa, Okla., assignor to Bethlehem Steel Company. Braking device. 2,389,031; Nov. 13.
Davidson, John, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,380,029; July 10.
Davidson, John A., Brooklyn, N. Y. Machine for perforating, slitting, or scoring sheets. 2,390,426; Dec. 4.
Davidson, John H., South Haven, assignor to The Dow Chemical Company, Midland, Mich. Plant treatment composition. 2,380,416; July 31.

Davidson, John T., assignor to The Standard Register Company, Dayton, Ohio. Strip burster. 2,380,949; Aug. 7.

Davidson, John T., and B. T. Bickel, assignors to The Standard Register Company, Dayton, Ohio. Recording apparatus. 2,366,708; Jan. 9.

Davidson, Louis, Hewlett, N. Y. Arch construction. 2,376,906; May 29.

Davidson Manufacturing Corporation: *See*— Davidson, William W., assignor.

Davidson, Thomas J.: *See*— Hurlbut, J. H., Davidson and Bowman.

Davidson, Trevor O., Milwaukee, assignor, to Bucyrus-Erie Company, South Milwaukee, Wis. Suspension for crane booms. 2,378,915; June 26.

Davidson, Trevor O., Milwaukee, and R. S. Hoar, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Spooling device. 2,387,245; Oct. 23.

Davidson, William W., Evanston, Ill. Printing press. 2,374,668; May 1.

Davidson, William W., Evanston, assignor to Davidson Manufacturing Corporation, Chicago, Ill. Printing press. Re. 22,702; Dec. 4.

Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Typewriter. 2,386,442; Oct. 9.

Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Printing press. 2,387,750; Oct. 30.

Davie, Robert P., Jr., Manhattan Beach, assignor to North American Aviation, Inc., Inglewood, Calif. Actuating mechanism for aircraft components. 2,373,385; Apr. 10.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Method and apparatus for making sheet material. 2,383,849; Aug. 28.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Attachment for sewing machines. 2,387,649; Oct. 23.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Ironing apparatus. 2,388,392; Nov. 6.

Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Heating apparatus. 2,390,208; Dec. 4.

Davies, Edwin A.: *See*— Jehle, F., and Davies.

Davies, George A.: *See*— Etessam, A., and Davies.

Davies, George V., F. Parr, and C. M. Goodrich, Windsor, assignors to The Canadian Bridge Company, Limited, Walkerville, Ontario, Canada. Apparatus for measuring and adjusting tension in guy lines. 2,376,037; May 15.

Davies, Harry: *See*— Reimschissel, C. A., and Davies.

Davies, John S.: *See*— Knowles, J. O., Humphreys, and Davies.

Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Topping machine for canning. 2,367,387; Jan. 16.

Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Topping machine for canning. 2,370,292; Feb. 27.

Davies & Metcalfe Limited: *See*— Metcalfe, Richard D. and J. C., assignors.

Davies, Michael L., Philadelphia, Pa. Fastening device. 2,377,405; June 5.

Davies, Newell A., Burlingame, Calif., assignor to Stauffer Chemical Company. Tartar emetic manufacture. 2,391,297; Dec. 18.

Davies, Percy H., Dudley, England. Hand truck. 2,374,982; May 1.

Davies, Reginald J., H. O. Dering, and T. W. Parker, assignors to English Clays, Lovering, Pochin & Company Limited, Saint Austell, England. Preparation of alumina from clay. 2,375,977; May 15.

Davies, Robert H.: *See*— Parker, A. L., Davies, and Malichar.

Davis, Alex B., Cincinnati, Ohio, assignor to A. B. Dick Company, Chicago, Ill. Inks. 2,385,613; Sept. 25.

Davis, Alfred: *See*— Newsome, J. H., and Davis.

Davis, Alto J., Montgomery, Ala. Piston expanding machine. 2,379,627; July 3.

Davis, Archibald H., Jr., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Fluid system control. 2,367,009; Jan. 9.

Davis, Archibald H., Jr., Rock Island, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Apparatus for measuring rate of movement. 2,388,256; Nov. 6.

Davis, Arnold R., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening rubber. 2,366,316; Jan. 2.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Vulcanization of rubber. 2,366,317; Jan. 2.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening of rubberlike substances. 2,371,098; Mar. 6.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening of rubber and of synthetic rubberlike substances. 2,386,443; Oct. 9.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Rubber accelerator. 2,387,834; Oct. 30.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Disubstituted dithiophosphates. 2,389,718; Nov. 27.

Davis, Arnold R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Vulcanization with diaryl guanidine addition products. 2,390,036; Nov. 27.

Davis, Arthur J., Milwaukee, Wis. Illuminated aircraft. 2,367,388; Jan. 16.

Davis, Augustine, Jr., Cincinnati, Ohio. Armored car. 2,382,862; Aug. 14.

Davis, Benjamin S., assignor to Newport News Forms Co., Inc., Newport News, Va. Glue-applying machine. 2,371,031; Mar. 6.

Davis, Cecil C., assignor of one-half to F. J. Gobble, Bristol, Tenn. Safety chuck key. 2,387,981; Oct. 30.

Davis, Charles R., Rochester, N. Y. Safe protection. 2,376,420; May 22.

Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Joining objects. 2,367,206; Jan. 16.

Davis, Clyde O., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive charge. 2,371,879; Mar. 20.

Davis, Clyde O., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cast explosive charges. 2,384,730; Sept. 11.

Davis, Clyde W.: *See*— Brown, T. E., and Davis.

Davis, Cortland W.: *See*— Baker, R., and Davis.

Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for cutting strip material. 2,387,650; Oct. 23.

Davis, Edward R.: *See*— Swift, H. E., and Davis.

Davis, Elmer E., and T. F. Stevens, Newton Falls, assignors to The Thomas Steel Company, Warren, Ohio. Method of and means for removing burr from strips. 2,381,807; Aug. 7.

Davis, Elmer E., and T. F. Stevens, Newton Falls, assignors to The Thomas Steel Company, Warren, Ohio. Producing bevel edges on metal strip and the like. 2,381,808; Aug. 7.

Davis, Emery R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Backpart forming machine. 2,388,726; Nov. 13.

Davis Engineering Corporation: *See*— Thompson, William H., assignor.

Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Actuating mechanism for pressing machines. 2,367,102; Jan. 9.

Davis, Ernest, Syracuse, and W. F. Gayring, Minoa, assignors to The Prosperity Company, Inc., Syracuse, N. Y. Press for consolidating powder in detonating caps and the like. 2,367,103; Jan. 9.

Davis, Ernest W., River Forest, Ill. Centralized lubricating system. 2,368,808; Feb. 6.

Davis, Ernest W., River Forest, Ill. Flow restricting valve for oiling systems. 2,385,798; Oct. 2.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant compressor. 2,377,677; June 5.

Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant control valve. 2,378,985; June 26.

Davis, Ernst W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant compressor. 2,390,781; Dec. 11.

Davis, Eugene L.: *See*— Wood, J. T., Jr., and Davis.

Davis, Francis W., Belmont, Mass. Gear lapping machine. 2,385,129; Sept. 18.

Davis, Frank L.: *See*— Brown, William F., assignor.

Davis, Frank L., College Point, Long Island, N. Y. Self-threading screw. 2,387,720; Oct. 30.

Davis, Frank L., College Point, N. Y. Drive fastener. 2,391,298; Dec. 18.

Davis, Frank W., Pasadena, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Airplane control mechanism of the boost tab type. 2,370,844; Mar. 6.

Davis, Frederick R. J., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Armature construction for dynamo-electric machines. 2,387,885; Oct. 30.

Davis, Frederick W., East Hartford, Conn. Pipe wrench. 2,374,423; Apr. 24.

Davis & Furber Machine Company: *See*— Rowe, Irving R., assignor.

Davis, Gaar: *See*— Foltz, C., and Davis.

Davis, George B., Jr., Green Acres, Md. Coffee maker. 2,385,694; Sept. 25.

Davis, Gifford D., South Orange, N. J., D. Price, New York, N. Y., and J. G. Milligan, Arlington, assignors to National Oil Products Company, Harrison, N. J. Amides and sulphonated derivatives thereof. 2,367,010; Jan. 9.
Davis, Gifford D., South Orange, and E. J. Barth, East Orange, assignors to National Oil Products Company, Harrison, N. J. Sulphurized glyceryl esters of tall oil and making same. 2,385,912; Oct. 2.
Davis, Harold, Jamaica, assignor to M., H., and S. Davis, co-partners doing business as Max Davis & Sons, New York, N. Y. Neckwear. 2,369,442; Feb. 13.
Davis, Harold G., Denver, Colo. Atomizer. 2,375,215; May 8.
Davis, Harold S.: *See*—
Bradley, C. W., and Davis.
Salley, D. J., Bradley, and Davis.
Davis, Harold Simmonds, Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing conjugated diolefins. 2,375,086; May 1.
Davis, Harold S., and B. C. Redmon, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of alkylene cyanohydrins. 2,390,519; Dec. 11.
Davis, Harry, Brooklyn, N. Y. Toy figure. 2,377,616; June 5.
Davis, Harry A., Hopedale, Mass. Armored loom shuttle. 2,371,032; Mar. 6.
Davis, Henry R., Jr.: *See*—
Straw, Clayton, assignor.
Davis, Herbert L., Walpole, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Coating machine. 2,379,951; July 10.
Davis, Hubert E., Boston, assignor to A. S. Campbell Co. Inc., East Boston, Mass. Mounting for license plate frames or the like. 2,389,897; Nov. 27.
Davis, Hunt, Greensburg, Pa. Measurement of stress. 2,370,845; Mar. 6.
Davis, James A., Los Angeles, Calif. Lock nut. 2,372,884; Apr. 3.
Davis, James A., Lawrence, Kans. Forming earth building blocks. 2,388,679; Nov. 13.
Davis, John V., assignor to Udylite Corporation, Detroit, Mich. Conveying and processing apparatus. 2,375,630; May 8.
Davis, Justice B., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for making fan belts. 2,367,821; Jan. 23.
Davis, Lincoln K., Brockton, Mass. Lighter for cigarettes and the like. 2,381,726; Aug. 7.
Davis, Max, et al.: *See*—
Davis, Harold, assignor.
Davis, Max, & Sons, et al.: *See*—
Davis, Harold.
Davis, Ocie F., Gadsden, Ala. Cultivator. 2,374,424; Apr. 24.
Davis, Oliver C., assignor to The Mengel Company, Louisville, Ky. Making hollow panels. 2,385,352; Sept. 25.
Davis, Raymond E., Berkeley, Calif., assignor to Kalman Floor Company, Inc., New York, N. Y. Apparatus for surfacing plastic bodies. 2,386,843; Oct. 16.
Davis, Rebecca, New York, N. Y. Quilted bed covering. 2,383,592; Aug. 28.
Davis, Richard E., assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic draw press. 2,380,153; July 10.
Davis, Robert E., assignor to W. B. Davis & Son, Inc., Fort Payne, Ala. Hosiery. 2,384,079; Sept. 4.
Davis, Robert J., Lutherville, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Keying system. 2,386,844; Oct. 16.
Davis, Russell E.: *See*—
Caulk, J. R., Jr., and Davis.
Klaucke, H., and Davis.
Davis, Russell E., assignor to Hussmann-Ligonier Company, St. Louis, Mo. Refrigerated display case. 2,379,885; July 10.
Davis, Sidney, et al.: *See*—
Davis, Harold, assignor.
Davis, W. B., & Son, Inc.: *See*—
Davis, Robert E., assignor.
Davis, Walter H., Shreveport, La. Siding material. 2,376,907; May 29.
Davis, Walwin L., Avon, assignor to Romec Pump Company, Elyria, Ohio. Coupling. 2,371,507; Mar. 13.
Davis, William: *See*—
Brown, William T., assignor.
Davis, William M., Cambridge, Mass. Tool supporting rack. 2,371,433; Mar. 13.
Davison, Charles R., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Protecting grate. 2,370,343; Feb. 27.
Davison Chemical Corporation, The: *See*—
Gabeler, William H., assignor.
Shoeld, Mark, assignor.
Davison, Leona, et al.: *See*—
Root, Joseph M., assignor.
Davison, Robert L., assignor to J. B. Pierce Foundation, New York, N. Y. Building construction. 2,372,187; Mar. 27.
Davison, Robert L., assignor to J. B. Pierce Foundation, New York, N. Y. Building construction. 2,372,768; Apr. 3.
Davison, Walter E., et al.: *See*—
Root, Joseph M., assignor.
Davol Rubber Company: *See*—
Auzin, John M., assignor.
Davy, Lee G.: *See*—
Von Bramer, H., and Davy.
Daw, Burton G., Webster Groves, Mo. Conveyer. 2,368,525; Jan. 30.
Dawes, Chester L., et al., trustees: *See*—
Boughton, W. A., Mansfield, and Hughes, assignors.
Dawihl, Walther, Kohlhasenbruck, near Berlin, Germany, assignor, by mesne assignments, to Alien Property Custodian. Making shaped bodies capable of being sintered. 2,378,539; June 19.
Dawn, George J., Waukegan, Ill., assignor to American Can Company, New York, N. Y. Conveyer for ovens. 2,390,075; Dec. 4.
Dawsey, Lynn H., Kenmore, and H. A. Rudolph, Buffalo, assignors to Buffalo Electro Chemical Company, Inc., Tonawanda, N. Y. Strontium peroxide and manufacturing same. 2,375,772; May 15.
Dawson, Albert J., assignor to Dravo Corporation, Pittsburgh, Pa. Rudder for boats. 2,383,714; Aug. 28.
Dawson, Arthur L. B.: *See*—
Meredew, G. C., and Dawson, assignors.
Dawson, Edward, New York, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Ball, disk, and drum mechanism. 2,388,680; Nov. 13.
Dawson, Edward J., East Gary, Ind. Extensometer. 2,376,038; May 15.
Dawson, Edward L., and H. Taylor, assignors to Turner Brothers Asbestos Company Limited, Spotland, Rochdale, England. Fabric pad for laundry and like presses. 2,382,141; Aug. 14.
Dawson, Fred J., Bronx, N. Y., assignor to Ortho Products, Inc., Linden, N. J. Cabinet. 2,370,941; Mar. 6.
Dawson, George A., Stelton, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized concentrated photographic developing compositions. 2,366,496; Jan. 2.
Dawson, George H., Needham, Mass., and P. O. Unger, Elmhurst, assignors to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,381,040; Aug. 7.
Dawson, Hector G., Glendale, Long Island, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Nut. 2,386,197; Oct. 9.
Dawson, John W., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Resistance welding system. 2,377,328; June 5.
Dawson, John W., West Newton, and H. Klemperer, Belmont, assignors to Raytheon Manufacturing Company, Newton, Mass. Welding system. 2,383,473; Aug. 28.
Dawson, Leo H., Washington, D. C. Measuring surface brightness. 2,372,661; Apr. 3
Dawson, Oliver H., Baytown, Tex., assignor to Standard Oil Development Company. Dealkylation of alkylated phenols. 2,366,497; Jan. 2.
Dawson, Oliver H., Bayton, Tex., assignor to Standard Oil Development Company. Production of tertiary paraffins. 2,389,598; Nov. 27.
Dawson, Oliver H. P., Baytown, Tex., assignor to Standard Oil Development Company. Separation and purification of green or water-soluble sulphonic acids. 2,368,452; Jan. 30.
Dawson, Reginald D., Berkeley, and C. F. Blankenhorn, Oakland, assignors to Shell Development Company, San Francisco, Calif. Well drilling fluid. 2,371,955; Mar. 20.
Dawson, Sidney, assignor to R. Groetchen, Chicago, Ill. Cooker. 2,372,362; Mar. 27.
Dawson, Sidney, assignor to R. Groetchen, Chicago, Ill. Burner construction for cookers. 2,372,363; Mar. 27.
Dawson, William W., Lost Creek, W. Va. Motor drive for small machinery. 2,367,267; Jan. 16.
Day, Harold M.: *See*—
Jayne, D. W., Jr., and Day.
Jayne, D. W., Jr., Day, and Gieseke.
Day, Howard Q., assignor of one-half to himself, and one-half to O. F. Day, Chicago, Ill. Apparatus for cutting curved surfaces. 2,390,927; Dec. 11.
Day, J. H., Company, The: *See*—
Rechtin, C. R., and Trostle, assignors.
Day, James F., Richlands, Va. Railway car tether releasing means. 2,370,523; Feb. 27.
Day, Lamar L.: *See*—
Day, Leslie, assignor.
Day, Leonora: *See*—
Spickelmier, E., Long, McKinley, and Day.
Day, Leslie, Chicago, Ill., assignor of one-half to Lamar L. Day, St. George, Staten Island, N. Y. Control system. 2,391,228; Dec. 18.
Day, Olive F.: *See*—
Day, Howard Q., assignor.
Day, Roger O., Westfield, and B. L. Gordon, Montclair, N. J., assignors to The Linde Air Products Company. Method of and apparatus for heat-treating metal bodies. 2,387,835; Oct. 30.
Day-Brite Lighting, Inc.: *See*—
Biller, David J., assignor.
Rozier, Louis J., assignor.
Dayton Acme Co.: *See*—
Canady, Don, assignor.
Dayton, Ernest L., Detroit, Mich. Fluid type seal. 2,385,406; Sept. 25.

Dayton Pump and Manufacturing Company, The: *See*—
Bench, D. E., and Crosby, assignors.
Eickmeyer, E. E., Horvath, and Zumbrink, assignors.
Dayton Rubber Manufacturing Company, The: *See*—
Bacon, Henry M., assignor.
Luáces, E. L., and Crosby, assignors.
Dayton Steel Foundry Company, The: *See*—
Walther, G., and Miller, assignors.
Dazley, Frederick C.: *See*—
Mueller, A. G., Young, and Dazley.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Ribbon cable for terminal banks. 2,370,846; Mar. 6.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telecommunication system. 2,376,346; May 22.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telecommunication system. 2,380,950; Aug. 7.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Automatic and semiautomatic telephone exchange system. 2,381,727; Aug. 7.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone exchange system. 2,385,968; Oct. 2.
Deal, Erastus C., Wilkes-Barre, Pa., assignor to Deal Slide-Lock Devices, Inc., Bronx, N. Y. Slide-lock device. 2,380,030; July 10.
Deal, Erastus C., Wilkes-Barre, Pa., assignor to Deal Slide-Lock Devices, Inc., Bronx, N. Y. Lock, latch, and the like. 2,390,076; Dec. 4.
Deal, Harmon B., Glen Ridge, N. J., assignor to Radio Corporation of America. Remote control system. 2,378,540; June 19.
Deal, Harmon B., Glen Ridge, N. Y., assignor to Radio Corporation of America. Power line signaling system. 2,388,530; Nov. 6.
Deal, Harmon B., Glen Ridge, N. J., assignor to Radio Corporation of America. Low-frequency signaling. 2,388,531; Nov. 6.
Deal Slide-Lock Devices, Inc.: *See*—
Deal, Erastus C., assignor.
Deal, Troy M., and W. Baker, Cedar Rapids, Iowa, assignors to Link-Belt Speeder Corporation. Stabilizer. 2,381,425; Aug. 7.
Dean, Albert G.: *See*—
Pancoe, G. W., and Dean.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car underframe. 2,366,709; Jan. 9.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal structure and making the same. 2,383,370; Aug. 21.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car end structure. 2,383,371; Aug. 21.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car construction. 2,383,372; Aug. 21.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft or like hollow body with external reinforcement therefor. 2,383,935; Sept. 4.
Dean, John C., Douglaston, and R. T. Edwards, New York, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Treating paper stock. 2,390,695; Dec. 11.
Dean, John G., Pittsburgh, and R. Heiligman, Philadelphia, Pa., and R. Riley, Birmingham, N. J., assignors to The Permutit Company, New York, N. Y. Manufacture of zeolitic materials. 2,371,427; Mar. 13.
Dean, Maurice R.: *See*—
Walls, W. S., and Dean.
Dean, Raymond M.: *See*—
Lieber, E. and D.
Dean, Reginald S., Washington, D. C., assignor to the Government of the United States, as represented by the Secretary of the Interior. Production of potable water from saline solutions. 2,366,184; Jan. 2.
Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Structural element having low heat conductivity. 2,366,601; Jan. 2.
Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Manganese alloys. 2,376,867; May 29.
Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Manganese alloys. 2,378,916; June 26.
Dean, Reginald S., and C. T. Anderson, Salt Lake City, Utah, assignors to Chicago Development Company, Chicago, Ill. Magnesium alloy. 2,376,868; May 29.
Dean, Reginald S., Washington, D. C., and C. T. Anderson, Rolla, Mo., assignors to Chicago Development Company, Chicago, Ill. Alloys. 2,376,869; May 29.
Dean, Russell T., Stamford, assignor to American Cyanamid Company, New York, N. Y. Rubber plasticizers. 2,373,173; Apr. 10.
Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Polymerized allyl esters. 2,374,081; Apr. 17.
Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Rubber vulcanization accelerators. 2,385,335; Sept. 25.
Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticized compositions. 2,389,959; Nov. 27.
Dean, Russell T., Stamford, and E. O. Hook, Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticized compositions. 2,389,489; Nov. 20.
Dean, Walter A.: *See*—
Kempf, L. W., and Dean.
Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,577; May 22.
Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,578; May 22.
Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,579; May 22.
Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,580; May 22.
Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,581; May 22.
Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Brazing alloy. 2,376,582; May 22.
Dean, Walter A., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Quenching of aluminum-magnesium alloys. 2,390,238; Dec. 4.
Deane, Richard, South Slocan, British Columbia, Canada. Dynamic torque compensator. 2,375,404; May 8.
Deans, Frederick E.: *See*—
Brooksby, E., and Deans.
Deans, Robert S., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Castor table. 2,366,443; Jan. 2.
Deans, Robert S., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Edge scraper for electrolytic tinning lines and the like. 2,386,663; Oct. 9.
De Anthony, Robert P., Dayton, Ohio. Polyphase protective system. 2,389,613; Nov. 27.
Dearborn, Arthur S.: *See*—
Morgan, T. J., and Dearborn.
Dearborn Chemical Company: *See*—
Gunderson, Lewis O., assignor.
Dearborn Glass Company: *See*—
McCormic, Joseph A., Jr., assignor.
Deardorff, Clinton E.: *See*—
Butrovich, G. W., and Deardorff.
Deardorff, Paul A., Detroit, Mich., and C. A. Balton, Buffalo, N. Y. Hydraulic transmission. 2,370,640; Mar. 6.
Dearing, Le Roy M., and C. H. Guell, assignors to Eastman Kodak Company, Rochester, N. Y. Developers containing silver halide solvents. 2,371,740; Mar. 20.
Dearsley, George: *See*—
Harris, R. W., and Dearsley.
Dearsley, George, and R. W. Harris, Deptford, London, S. E. 8, assignors to Molins Machine Company Limited, Deptford, London, England. Feeding device for automatic machines. 2,373,747; Apr. 17.
Dearstyne, Lewis, Upper Darby, Pa., and J. J. Rutkowski, assignors to Switlik Parachute Company, Trenton, N. J. Parachute pack. 2,383,293; Aug. 21.
Deason, Johnston M.: *See*—
Brown, W. T., W. L., and L. C., assignors.
Deavenport, Ben M., assignor of twenty-five per cent to L. L. Ledbetter, and thirty per cent to S. E. Adams, Clarksdale, Miss. Two-depth seed planter. 2,366,389; Jan. 2.
De Baufre, William L., Lincoln, Nebr. Process and apparatus for producing industrial oxygen. 2,380,417; July 31.
De Beaumont, P. S., Washington, D. C., assignor to Packard Motor Car Company, Detroit, Mich. Indicator device. 2,390,643; Dec. 11.
De Beauregard, Amedee C.: *See*—
Alkan, R., and de Beauregard.
De Becze, George: *See*—
Liebmann, A. J., and de Becze.
De Bell, John M., Longmeadow, and E. R. Derby, Springfield, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Plasticized polyvinyl acetal resin. 2,384,537; Sept. 11.
De Bell, John M., Longmeadow, and E. R. Derby, Springfield, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Plasticized polyvinyl acetal resin. 2,384,538; Sept. 11.
De Benedictis, Aldo: *See*—
Luten, D. B., Jr., and De Benedictis.
De Benedictis, Aldo, and D. B. Luten, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating 2,3,6-trimethyl phenol and 2-methyl-4-ethyl phenol. 2,370,719; Mar. 6.
Debicki, Alfred F., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. 2,391,395; Dec. 25.
De Boer, Christian: *See*—
Weick, F. E., and De Boer.
De Botelho, Martin, New York, N. Y. Cosmetic unit. 2,388,470; Nov. 6.
De Brabander, Camiel, Newport, assignor to American Viscose Corporation, Wilmington, Del. Device for treating filamentary material. 2,390,572; Dec. 11.

De Bruijn, Hendrik, Geleen, and M. H. R. J. Plusje, Maastricht, Netherlands; vested in the Alien Property Custodian. Process for the production of substantially anhydrous calcium nitrate. 2,375,898; May 15.
De Bruin, Peter, Monterey Park, Calif. Swing package and swing seat. 2,375,087; May 1.
De Bruin, Peter, Monterey Park, Calif. Swing bracket. 2,387,721; Oct. 30.
De Cardy, Otto, Chicago, Ill., assignor to The Heyer Corporation. Locking device. 2,389,424; Nov. 20.
De Castro, Manuel M., Habana, Cuba. Registering device for weighing apparatus. 2,376,234; May 15.
De Castro, Manuel M., San Francisco, Calif. Light sensitive apparatus. 2,376,235; May 15.
De Causse, Octave S., Hollywood, Calif. Self-locking high-shear rivet. 2,376,329; May 22.
Decker, Alonzo G., Jr., Baltimore County, Md., assignor to The Black and Decker Manufacturing Company. Bit control for percussive tools. 2,391,553; Dec. 25.
Decker, Ferdinand A., Jr., Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Thread guide. 2,388,239; Nov. 6.
Decker, Ferdinand A., Jr., and P. G. Woodward, Parkersburg, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Method and apparatus for evaluating thread tensioning devices. 2,380,951; Aug. 7.
Decker, Ferdinand A., Jr., and L. K. Spangler, Parkersburg, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Wrapper for wound filamentary masses. 2,382,400; Aug. 14.
Decker, Jacob: *See*—
Theler, F. J., Binns, and Decker.
Decker, Jacob, and H. Ernst, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,367,758; Jan. 23.
Decker, Jacob, Cincinnati, and A. D. C. Stuckey, Hamilton, assignors to The Cincinnati Milling Machine Co., Cincinatti, Ohio. Grinding machine. 2,367,759; Jan. 23.
Decker, Jacob, and B. A. Kearns, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,376,236; May 15.
Decker, Jacob, Cincinnati, and A. D. C. Stuckey, Hamilton, assignors to The Cincinnati Milling Co., Cincinnati, Ohio. Grinding machine. 2,376,237; May 15.
Decker, John A., Bayonne, and D. P. Wilkes, Raritan Township, Middlesex County, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,382,863; Aug. 14.
Decker, Taylor E.: *See*—
Barrows, Walter, assignor.
Deckert, Clarence A., Jackson Heights, N. Y. Hospital bed. 2,373,017; Apr. 3.
Deckert, Clarence A., Jackson Heights, N. Y. Hospital bed. 2,373,018; Apr. 3.
Decorated Metal Manufacturing Company, Inc.: *See*—
Atwood, Rawson, assignor.
DeCosta, Edwin J., and J. S. Glickauf, Jr., Chicago, Ill. Automatic service equipment. 2,377,133; May 29.
De Cota, Emri J., Larkspur, Calif. Steam generator. 2,389,898; Nov. 27.
De Craene, Edmond P., Westchester, and R. Fennema, assignors to Crane Co., Chicago, Ill. Valve actuating means. 2,370,604; Feb. 27.
Decum Syndicate: *See*—
Wilson, George K., assignor.
Deddo, Leonard, Chicago, Ill. Building structure. 2,389,899; Nov. 27.
Dedrick, William H., Waco, Tex., assignor to Beech Aircraft Corporation, Wichita, Kans. Beading tool. 2,377,406; June 5.
Deebel, George F., Dayton, Ohio, assignor to Monsanto Chemical Company. Esters of 2-butene-1,4-diol. 2,366,667; Jan. 2.
Deems, Frank E.: *See*—
McDaniel, L. L., and Deems.
Deere & Company: *See*—
Anderson, R. L., Arnold, and Paradise, assignors.
Andrews, Norman F., assignor.
Brown, Theophilus, assignor.
Brown, T., and Paul, assignors.
Cantral, John I., assignor.
Coultas, Wilbur J., assignor.
Coultas, W. J., Johnson, and Walker, assignors.
Court, Frank T., assignor.
Hayes, J. B., and Dort, assignors.
Johnson, Theodore W., assignor.
Korum, Henry E., assignor.
Louthan, George R., assignor.
Oehler, Alvin W., assignor.
Oehler, A. W., and Adams, assignors.
Oerman, Orey W., assignor.
Paradise, L. A., and Oehler, assignors.
Pasturczak, Stanley F., assignor.
Pilcher, Harold W., assignor.
Rasmussen, C. T., and Griff, assignors.
Silver, Walter H., assignor.
Sklovsky, M., and Nordenson, assignors.
Strandlund, Carl G., assignor.
Stueland, Harold M., assignor.
Thomas, Haydon P., assignor.
White, Charles H., assignor.
Deerfsun, Joseph A., Coney Island, N. Y. Hanger for wearing apparel. 2,383,593; Aug. 28.
Deerhake, Franklin M., Schenectady, N. Y., assignor to General Electric Company. Remote gain control for video amplifiers. 2,368,453; Jan. 30.
Dees, Alfred F., assignor to The Ohio Brass Company, Mansfield, Ohio. Conveyer control. 2,371,956; Mar. 20.
De Fazi, Carlo: *See*—
De Fazi, Fulvio, assignor.
De Fazi, Fulvio, New York, N. Y., assignor of one-half to C. De Fazi, Jamaica Plain, Mass. Swaging apparatus 2,386,296; Oct. 9.
Defender Photo Supply Co., Inc.: *See*—
Brown, Robert F., assignor.
Potter, R. S., and Brown, assignors.
De Feo, Fred, New York, N. Y. Sweat band. 2,387,567; Oct. 23.
Defiance Sales Corporation: *See*—
Bannon, John F., assignor.
De Flon, James G., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Spray nozzle. 2,375,528; May 8.
De Fonseca, Max C., Cascais, Portugal. Apparatus for the multiplication of images of a body. 2,389,843; Nov. 27.
De Forest, Lee, Los Angeles, Calif. Method of and apparatus for determining the ground speed and/or course of aircraft. 2,391,554; Dec. 25.
De Forest's Training, Inc.: *See*—
Thompson, Orville I., assignor.
De Freitas, Joseph L., assignor to Specialized Engineering Company, Fresno, Calif. Parachute release. 2,373,386; Apr. 10.
De Geofroy, Louis: *See*—
Rawlings, F. N., and De Geofroy.
Degering, Edward F.: *See*—
Gwynn, B. H., and Degering.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Contents gauge for deep tanks. 2,369,027; Feb. 6.
De Giers, Clarence A., Forest Hills, assignor to The Liquidometer Corporation, Long Island City, N. Y. Tank contents gauge with correction for temperature. 2,382,695; Aug. 14.
De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Remote regulation of atmospheric condition. 2,371,428; Mar. 13.
De Giers, Clarence A., Forest Hills, and A. Wickesser, St. Albans, assignors to The Liquidometer Corporation, Long Island City, N. Y. Temperature control for refrigerator cars. 2,390,993; Dec. 18.
Degnan, William M.: *See*—
Hill, A. J., and Degnan.
Degnen, William J., Westfield, N. J., H. M. Nelly, Jr., Houston, Tex., and P. C. Keith, Peapack, assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for converting hydrocarbon oils. 2,370,234; Feb. 27.
Degnen, William J., Westfield, N. J., H. M. Nelly, Jr., Houston, Tex., and P. C. Keith, Jr., Peapack, assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for converting hydrocarbon oils. 2,378,394; June 19.
De Graw, Moroni J., Boise, Idaho. Wrench. 2,386,444; Oct. 9.
De Grazia, Joseph, Washington, D. C. Drawstring for trouser legs. 2,390,077; Dec. 4.
De Groote, August H.: *See*—
Pierce, F. G., and De Groote.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,534; May 8.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,535; May 8.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,536; May 8.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,537; May 8.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,538; May 8.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,375,539; May 8.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,375,540; May 8.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Salts of certain substituted aldimines, etc. 2,375,899; May 15.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,082; Dec. 4.
De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,083; Dec. 4.
De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,375,530; May 8.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter, and making same. 2,375,531; May 8.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Derivatives of 5-amino-1,3-dioxanes and making same. 2,384,605; Sept. 11.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Derivatives of 5-amino-1,3-dioxanes and making same 2,384,606; Sept. 11.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Derivatives of 5-amino-1,3-dioxanes and making same. 2,384,607; Sept. 11.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters, and making same. 2,366,239; Jan. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Water soluble high molal oxyalkylated esters, and making same. 2,366,240; Jan. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. New composition of matter. 2,366,498; Jan. 2.

De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Basic acylated cyclic diamine. 2,369,817; Feb. 20.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Water-soluble high molal oxyalkylated esters, and making same. 2,369,818; Feb. 20.

De Groote, Melvin, University City and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters and making same. 2,371,429; Mar. 13.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,254; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,255; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,256; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,257; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,258; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,372,259; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,372,364; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,372,365; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,372,366; Mar. 27.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,373,102; Apr. 10.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,373,174; Apr. 10.

De Groote, Melvin, University City, B. Keiser, Webster Groves, and A. F. Wirtel, Kirkwood, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter and making same. 2,373,228; Apr. 10.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esteramides. 2,373,229; Apr. 10.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Ester diamides. 2,373,230; Apr. 10.

De Groote, Melvin, University City and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molal oxyalkylated esters and making same. 2,375,529; May 8.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Acylated hydroxylated polyamine. 2,375,532; May 8.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esters of hydroxylated acylated ureas. 2,375,533; May 8.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. New chemical compound and making same. 2,381,115; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain subresinous esterification derivatives of high molal hydroxy acid amides and making same. 2,381,116; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Ester-linked acyl amides and making same. 2,381,117; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain ester-linked acylated derivatives of polyamino ether alcohols and making same. 2,381,118; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Ester-linked acylated aminoalcohols and making same. 2,381,575; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain subresinous esterification derivatives of acylated polyamines and making same. 2,381,576; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Subresinous esterification derivatives of hydroxylated amides and making same. 2,381,577; Aug. 7.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esterification reaction product and making same. 2,382,612; Aug. 14.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Subresinous esterification derivatives of hydroxylated acylated diamides and making same. 2,384,080; Sept. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Esterification derivatives of polyacylated amides and making same. 2,384,081; Sept. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Acylated aminoalcohol esters of carbonic acid. 2,384,608; Sept. 11.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,385,969; Oct. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,385,970; Oct. 2.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,386,445; Oct. 9.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Composition of matter. 2,386,446; Oct. 9.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain pyridinium compounds and making the saame. 2,386,936; Oct. 16.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Urea pyridinium compounds. 2,386,937; Oct. 16.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,078; Dec. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,079; Dec. 4.

De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,080; Dec. 4.

De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,390,081; Dec. 4.

De Guerin, Joseph D. S., Twickenham, assignor to Rotax Limited, Willesden Junction, London, England. Cartridge firing apparatus for power generation. 2,367,012; Jan. 9.

De Guire, Olfan, Silverton, Oreg. Screen-grid modulation control. 2,385,566; Sept. 25.

De Haven, Edward J., Green Bay, Wis., assignor to St. Joe-Mullen Container Corporation, St. Joseph, Mich. Paperboard container or the like. 2,366,602; Jan. 2.

De Havilland Aircraft Company Limited, The: *See*—
Gillmore, K. B., and Warde, assignors.
Halford, F. B., Brodie, and Miller, assignors.
Thomas, Frederick M., assignor.
Dehmel, Richard C., Summit, N. J. Aircraft training apparatus. 2,366,603; Jan. 2.
Deimel, Albert H.: *See*—
Peterson, C. D., and Deimel.
Deisley, Edward J., T. Ulrich, and A. R. Lindsay, Detroit, Mich., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle structure, especially vehicle front end structure. 2,380,031; July 10.
Deitch, Clement, assignor of one-half to G. L. Parrish, Port Angeles, Wash. Mechanical cigarette holder. 2,370,016; Feb. 20.
Deiters, August M., assignor to Southern Wood Preserving Company, Atlanta, Ga. Loading and unloading crane. 2,382,299; Aug. 14.
Deitz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Treating of nonferrous materials. 2,369,028; Feb. 6.
Deitz, Louis S., Jr., Westfield, N. J., and W. H. Jacobson, Tottenville, assignors to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Smelting of nonferrous materials. 2,369,029; Feb. 6.
Deitz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Material extruding apparatus. 2,371,679; Mar. 20.
Deitz, Victor R., Washington, D. C., assignor to the Government of the United States, as represented by the Secretary of the Department of Commerce. Treating bone black. 2,369,139; Feb. 13.
De Jahn, Fredrik W., New York, N. Y. Gas mixture for methanol. 2,383,715; Aug. 28.
De Jahn, Fredrik W.: *See*—
Ramseyer, C. F., and de Jahn.
De Jong, Jack: *See*—
Muggy, M. K., and de Jong.
De Jong, Johan J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of saturated hydrocarbons. 2,381,041; Aug. 7.
De Jonge, John C., Grand Rapids, Mich. Stabilization of pyrethrum preparations. 2,375,773; May 15.
De Jonge, John C., Grand Rapids, Mich. Stabilization of rotenone preparations. 2,375,774; May 15.
De Juhasz, Kalman J., State College, Pa. Maximum pressure gauge. 2,382,547; Aug. 14.
De Kiss, Nicholas, North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Accumulator bladder. 2,378,467; June 19.
Dekker, Arien, Fynaart, Netherlands; vested in the Alien Property Custodian. Crude oil burner. 2,367,460; Jan. 16.
De la Cierva, Juan, Madrid, Spain, assignor, by mesne assignments, to Autogiro Company of America. Rotor-equipped aircraft. 2,380,580; July 31.
De la Cierva, Juan, Madrid, Spain, assignor, by mesne assignments, to Autogiro Company of America. Aircraft having rotative wings. 2,380,582; July 31.
De la Cierva, Juan, Madrid, Spain, assignor, by mesne assignments, to Autogiro Company of America. Aircraft with autorotative wings. 2,380,583; July 31.
Delahan, Edward H., and A. G. Frojd, Rockford, assignors to Borg-Warner Corporation, Chicago, Ill. Finishing bearing cups. 2,368,007; Jan. 23.
Delalande, Paul J. M. R., assignor to United States Ordnance Company, Washington, D. C. Land mine 2,374,179; Apr. 24.
Delamere Company, Inc: *See*—
Huppert, William, assignor.
Delamere, Rudolf D., Toronto, Ontario, Canada. Displacement apparatus. 2,369,539; Feb. 13.
Delamere, Rudolf D., Toronto, Ontario, Canada. Conveyor for filling machines. 2,369,540; Feb. 13.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Pot type burner. 2,366,839; Jan. 9.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Liquid fuel burner. 2,373,814; Apr. 17.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Fuel burner control system. 2,375,900; May 15.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Vaporizing burner. 2,388,907; Nov. 13.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Vaporizing burner. 2,388,908; Nov. 13.
De Lancey, Ralph W., assignor to The Miller Company, Meriden, Conn. Liquid fuel burner. 2,390,059; Dec. 4.
De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Mounting for explosionproof motors. 2,389,900; Nov. 27.
De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, Springfield, Mass. Counting mechanism. 2,390,239; Dec. 4.
De Lancey, Warren H., assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Power transmitting mechanism. 2,390,240; Dec. 4.
De Laney, Colton, Berkeley, assignor to California Spray-Chemical Corporation, Richmond, Calif. Herbicide. 2,391,299; Dec. 18.
Delaney, Cyril Terence, and Gallay, Limited: *See*—
Belaieff, James F., assignor.
Delaney, John J.: *See*—
Griffith, C. P., and Delaney.
De Lange, Cornelis, and C. L. Boucher, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking layer cell. 2,388,532; Nov. 6.
Delano, Raymond P., Jr., Baltimore, Md., assignor to Franklin Railway Supply Company, Inc., New York, N. Y. Locomotive drifting control mechanism. 2,383,534; Aug. 28.
De Lanty, Loren J., Spring Valley, N. Y., and W. A. Williams, Grayville, Ill., assignors to Sperry Products, Inc., Hoboken, N. J. Flaw detector means. 2,368,119; Jan. 30.
Delany, John J.: *See*—
Langdon, J. D., and Delany.
Delany, John J., Brooklyn, assignor to Coyne & Delany Company, New York, N. Y. Swing spout mixing faucet. 2,389,599; Nov. 27.
De la Peña, Juan M., Mexico City, Mexico. Apparatus for making hand knitted garments. 2,382,614; Aug. 14.
De Lauder, Lawson R., Bartow, Fla. Match book cover. 2,369,884; Feb. 20.
De Lauder, Lawson R., Bartow, Fla. Condiment shaker. 2,373,551; Apr. 10.
De Laval Separator Company, The: *See*—
Danielsson, Gösta J. D., assignor.
Flowers, Alan E., assignor.
Hapgood, Cyrus H., assignor.
Lindgren, H. O., and Thylefors, assignors.
De Laval Steam Turbine Company: *See*—
Haverstick, John S., assignor.
Sennet, Morgan B., assignor.
Delbrook Ventilating Co.: *See*—
Foisy, Francis W., assignor.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Radio and like tube socket and contact for the same. 2,369,541; Feb. 13.
Delean, Albert, Kirkland Lake, Ontario, Canada. Ash removal and sifting device. 2,386,938; Oct. 16.
De Leeuw, Frederick J. G.: *See*—
Schmelkes, F. C., and de Leeuw.
Delegard, Carl J., Chicago, and R. Kreutz, Elmwood Park, Ill. Method and apparatus for decorticating. 2,383,778; Aug. 28.
Delfino, John V.: *See*—
Bogin, S. R., and Delfino.
Delfoe, Edward F., and J. M. Williams, Brooklyn, N. Y. Discharge cap for spray devices. 2,367,485; Jan. 16.
De Lisle, Harry: *See*—
Nash, James, assignor.
Dell, James A., assignor to Simplex Time Recorder Co., Gardner, Mass. Card guide and safety latch. 2,377,407; June 5.
Dell, James A., and H. E. Hobby, assignors to Simplex Time Recorder Co., Gardner, Mass. Card time recorder. 2,389,345; Nov. 20.
Dellbringge, Edward O., assignor of one-half to A. L. Morgan, Sr., St. Louis, Mo. Supporting device for trailers. 2,376,478; May 22.
Delloye, Andre L. C., Paris, France; vested in the Alien Property Custodian. Vitreous insulator. 2,371,880; Mar. 20.
Delman, Herman B.: *See*—
Gluckman, Abraham, assignor.
Sabo, Louis, assignor.
Del Mar, Bruce E., West Los Angeles, and E. E. Van Dyke, Van Nuys, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Sealing gland. 2,390,928; Dec. 11.
De Loe, Paul, assignor to Towne Robinson Nut Company, Detroit, Mich. Nut retainer die and ejector. 2,380,584; July 31.
Deloffre, Marcel C. H., Toorak, Victoria, Australia. Manufacture of yeast. 2,367,931; Jan. 23.
De Long, Theodore R.: *See*—
Stewart, R. R., and De Long.
De Lopez, Ralph, Los Angeles, Calif. Parachute. 2,369,286; Feb. 13.
Deloraine, Edmond M., New York, and L. A. de Rosa, West Brighton, Staten Island, N. Y., assignors to Federal Telephone and Radio Corporation, Newark, N. J. Intelligence transmission system. 2,369,662; Feb. 20.
De Lorimier, Alfred A., U. S. Army, Memphis, Tenn. Apparatus for locating foreign bodies. 2,390,520; Dec. 11.
Deloro Smelting & Refining Company Limited: *See*—
Riddihough, Maurice, assignor.
Delp, Leonard A., Ann Arbor, Mich. Bearing unit and lubricating material therefor. 2,379,478; July 3.
Del Riccio, Lorenzo, Los Angeles, Calif. Scanning lens. 2,373,815; Apr. 17.
Del Riccio, Lorenzo, Los Angeles, Calif. Photographic method. 2,382,616; Aug. 14.
Del Riccio, Lorenzo, Los Angeles, Calif. Photographically recording the order of passage of moving objects. 2,382,617; Aug. 14.

Delta Manufacturing Company, The: *See*—
Wiken, Christy A., assignor.
Wiken, C. A., and Boehnke, assignors.
Wiken, C. A., and Reibig, assignors.

Delta Star Electric Company, The: *See*—
Hampton, Weldon O., assignor.

De Lubicz-Bakanowski, Zygmunt, and R. Suk, Oxford, England. Training device comprising a dummy gun. 2,378,840; June 19.

De Lubicz-Bakanowski, Zygmunt, and F. J. Minns, assignors to The Swift Rifle Company Limited, Oxford, England. Device for use in zeroing dummy rifles and other dummy firearms used for training marksmen. 2,380,296; July 10.

De Luxe Products Corporation, The: *See*—
Flint, Charles R., assignor.
Hurn, James E., assignor.

Delvaux, Arthur L., Sr., Los Angeles, Calif. Lathe chuck centering device. 2,370,017; Feb. 20.

Del Vecchio, Constantine, Brooklyn, N. Y. Electric heater for steam furnaces. 2,366,318; Jan. 2.

Delzer, William F., Milwaukee, Wis. Beer dispenser. 2,369,721; Feb. 20.

De Maertelaere, Pierre: *See*—
Hardy, R., and de Maertelaere.

De Martino, Lawrence J.: *See*—
Rubenstein, J. H., and De Martino.

De Mato, Samuel P., assignor to James Cunningham, Son & Company, Rochester, N. Y. Attachment for screw machines. 2,384,895; Sept. 18.

Demb, Kenneth, assignor to Sylvania Electric Products Inc., Salem, Mass. Viscometer. 2,382,979; Aug. 21.

Dembenski, Joseph E., New York, N. Y. Sanitary dental floss holder. 2,381,530; Aug. 7.

Demeulenaere, Marcel, Flushing, N. Y. Cash register. 2,384,082; Sept. 4.

De Millar, Floyd O., Warwick, R. I. Knife sharpener. 2,378,754; June 19.

De Milleville, Marie J. M., Paris, France; vested in the Alien Property Custodian. Method and apparatus for filling containers. 2,382,696; Aug. 14.

Deming Company, The: *See*—
Samelson, Bernard, assignor.

Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pressure regulator. 2,378,468; June 19.

Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Breathing apparatus. 2,387,123; Oct. 16.

Demmien, William C., Williamsport, Pa. Combined table and benches. 2,367,011; Jan. 9.

Demolis, André, assignor to Aktiengesellschaft vormals B. Siegfried, Zofingen, Switzerland. Preparation of the sodium salt of 4,4′-diaminodiphenylsulphone-N-N′-diglucosulphonic acid. 2,386,037; Oct. 2.

Demonet, Eugene A., Short Hills, N. J., and W. B. Blanton, Merrick, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph exchange system. 2,387,246; Oct. 23.

De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Temporary rivet. 2,379,134; June 26.

De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Plate fastening device. 2,388,603; Nov. 6.

Dempsey, James M., Atmore, Ala., assignor to Newport Industries, Inc., Pensacola, Fla. Green decorticating machine. 2,375,287; May 8.

Dempsey, Lewis P., Detroit, Mich. Electrode holder. 2,367,760; Jan. 23.

Dempsey, Oscar E., Tulsa, Okla. Lifting apparatus. 2,390,241; Dec. 4.

Dempster, Burgess, Bala-Cynwyd, Pa., assignor, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Heat control apparatus. 2,370,847; Mar. 6.

Dempster, George R., Knoxville, Tenn. Transporting and dumping equipment. 2,369,722; Feb. 20.

Dempster, George R., Knoxville, Tenn. Transporting and dumping equipment. 2,387,500; Oct. 23.

Demuth, Charles, Jamaica, N. Y. Variable volume air distributor. 2,367,104; Jan. 9.

Demuth, Charles, Mineola, N. Y. Muffler. 2,372,231; Apr. 10.

Demuth, Wilbur O., Gnadenhutten, assignor to The Bowerston Shale Corporation, Bowerston, Ohio. Container holder. 2,387,982; Oct. 30.

Demyanovich, George, Coaldale, Pa. Comb. 2,380,730; July 31.

Denault, Clinton L., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,389,346; Nov. 20.

Den Breejen, Adrian, J. J. Amari, and R. Luce, Chicago, D. H. Petty, Skokie, R. Webster, Evanston, and T. K. Webster, Jr., Winnetka, Ill., assignors to The Hydro-Blast Corporation, Chicago, Ill. Method and apparatus for sand reclamation. 2,383,045; Aug. 21.

Dench, Edward C., South Orange, N. J., assignor to Interchemical Corporation, New York, N. Y. Glossmeter. 2,388,727; Nov. 13.

Dendler, Ralph E., Berwick, and R. C. Kepner, Bloomsburgh, Pa., assignors to American Car & Foundry Company, New York, N. Y. Composite mine car. 2,367,761; Jan. 23.

Denham, Robert H., Scotia, N. Y., assignor to General Electric Company. Die for coating fiber-insulated wire. 2,380,728; July 31.

Denham, William W., Mobile, Ala. Concrete block and tile mold. 2,367,486; Jan. 16.

De Niederhäusern, Georges, assignor to the firm of Durand & Huguenin S. A., Basel, Switzerland. Matting lustrous fibrous materials and agents therefor. 2,376,908; May 29.

Denis, Henry, Brooklyn, N. Y. Traffic lighting system. 2,379,283; June 26.

Denisoff, Alexander C., Saint Margarets, East Twickenham, England, assignor to The Liquidometer Corporation, Long Island City, N. Y. Remote indicating or control system. 2,367,845; Jan. 23.

Denison, John S., Mellen, Wis. Drill. 2,391,396; Dec. 25.

Denison, Mortimer C., and M. E. Wassom, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufactuer of orthio-nitro-anisole. 2,370,524; Feb. 27.

Denison, Noel M., assignor to C. Earl Hovey, Kansas City, Mo., trustee. Cap detector for automatic bottle vending machines. 2,388,125; Oct. 30.

Denison, Walter A.: *See*—
Wilkes, B. G., and Denison.

Denlinger, Victor J., Paradise, Pa. Potato harvester. 2,369,723; Feb. 20.

Denman, Harry B., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Gasket material. 2,368,118; Jan. 30.

Denman Tire and Rubber Company: *See*—
Brown, John J., assignor.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Progressive heat treating apparatus. 2,368,809; Feb. 6.

Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for variable heating. 2,382,779; Aug. 14.

Denner, Francis H., Dover, N. J. Apparatus for drying. 2,383,474; Aug. 28.

Dennett, Firth L.: *See*—
Bass, S. L., Upright, and Dennett.

Dennett, Roger, San Francisco, Calif. Necktie shaper and former. 2,375,405; May 8.

Dennis, Frank F.: *See*—
Pilcher, J. M., and Dennis.

Dennis, Fred R., Lyndhurst, and E. P. Felch, Jr., Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Synchronizing system. 2,369,663; Feb. 20.

Dennis, James B., West Lanham Hills, Md. Crimping tool. 2,382,401; Aug. 14.

Dennis, Martin, Company, The: *See*—
Bersworth, Frederick C., assignor.

Dennis, Paul A.: *See*—
Heinemann, E. H., and Dennis.

Dennis, W. J., & Company: *See*
Oswald, Joseph H., assignor.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for rectification. 2,366,958; Jan. 9.

Dennis, Wolcott, Darien, Conn., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Treating fermentation residues. 2,375,288; May 8.

Dennis, Wolcott, Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of gaseous mixtures by liquefaction and rectification. 2,386,297; Oct. 9.

Dennison, Edward S., New London, assignor to Electric Boat Company, Groton, Conn. Torpedo launching gear. 2,387,124; Oct. 16.

Dennison Manufacturing Company: *See*—
Kallander, Ernest L., assignor.

Denny, Victor L., Jr., Augusta County, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous tint finish. 2,375,839; May 15.

Denoon, Clarence E., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanizable isobutylene - monovinylacetylene synthetic rubber. 2,384,731; Sept. 11.

Densten, Ulysses G., Quakertown, Pa. Preserving jar opener and closer. 2,387,651; Oct. 23.

Dent, Herbert, Chicago, Ill. Tape for use in manufacture of lamp shades. 2,372,814; Apr. 3.

Dentay, E. G., et al.: *See*—
Eddy, Arnold, assignor.

Dentists' Supply Company of New York, The: *See*—
Gibson, Albert E., Jr., assignor.
Saffir, Jacob A., assignor.

Dentists' Supply Company, The: *See*—
Saffir, Jacob A., assignor.
Whittemore, Winthrop C., assignor.

Denton, Harry L., assignor to Wenzel Projector Company, Chicago, Ill. Gear. 2,372,625; Mar. 27.

Denton, Harry L., assignor to Wenzel Projector Company, Chicago, Ill. Sprocket gear scraping device. 2,372,815; Apr. 3.

Denton, John J.: *See*—
Lecher, H. Z., Parker, and Denton.

Denton, Lewis E., Houston, Tex. Oil well apparatus. 2,378,469; June 19.

D'Entremont, Franklin R., Lynn, Mass., assignor to General Electric Company. Electric induction apparatus. 2,391,229; Dec. 18.
Deobald, Harold J.: *See*—
Singer, P. A., and Deobald.
De Paolo, Joseph J.: *See*—
Cordiano, H. V., De Paolo, and Lacks.
De Patto, Antonio L., assignor of one-half to L. C. L. De Patto, Watertown, Mass. Automobile windshield attachment. 2,371,430; Mar. 13.
De Patto, Lena Cerniglia L.: *See*—
De Patto, Antonio L., assignor.
Depew, Harlan A., Haddonfield, N. J., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Purification of zinc oxide. 2,372,367; Mar. 27.
De Phillips, Henry A., Belleville, N. J. Electron discharge vessel. 2,373,661; Apr. 17.
De Poix, Henri M. J. T., Rueil, France, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Preserving perishable foodstuffs. 2,376,583; May 22.
Depp, Marlin C.: *See*—
Fragola, C. F., Depp, and Curry.
Depp, Marlin C., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flux valve. 2,384,819; Sept. 18.
Depp, Wallace A., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,373,175; Apr. 10.
Dequick, Henry J., assignor to The Illinois Lock Company, Chicago, Ill. Padlock. 2,374,669; May 1.
Derby, Elmer R.: *See*—
De Bell, J. M., and Derby.
Derby, Elmer R., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl acetal composition. 2,371,131; Mar. 13.
Derby, Elmer R., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl acetal composition. 2,371,957; Mar. 20.
Derby, Elmer R., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Polyvinyl acetal plastic composition. 2,377,214; May 29.
Derby, Elmer R., Springfield, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Polyvinyl acetal plastic compositions. 2,378,288; June 12.
Derby, George T., Jacksonville, Fla. Container sealing means. 2,372,885; Apr. 3.
Derby, Harold K., Berkeley, assignor to F. E. Booth Company, Inc., San Francisco, Calif. Making dehydrated citrus fruits. 2,379,068; June 26.
Derby, John H., Scarsdale, N. Y. Release box. 2,387,125; Oct. 16.
Derby Sealers, Incorporated: *See*—
Krueger, Alfred P., assignor.
Derby, Wallene R., Oakwood, Ohio, assignor to Monsanto Chemical Company. Production of formaldehyde. 2,376,668; May 22.
De Remer, Jay G., Darien, Conn., assignor to J. G. De Remer Research Corporation, Union City, N. J. Washing machine. 2,372,769; Apr. 3.
De Remer, Jay G., Darien, Conn., assignor to J. G. De Remer Research Corporation, Union City, N. J. Washing machine. 2,372,770; Apr. 3.
De Remer, J. G., Research Corporation: *See*—
De Remer, Jay G., assignor.
Derham, Philip A., Rosemont, assignor to Armstrong Cork Company, Lancaster, Pa. Safety razor case. 2,378,622; June 19.
Derho, John J., Mishawaka, Ind. Combination hanger support. 2,369,217; Feb. 13.
Derman, Harry, Great Neck, N. Y. Collapsible closet. 2,371,680; Mar. 20.
Derman, Harry, Great Neck, N. Y. Cabinet. 2,386,664; Oct. 9.
Derman, Harry, Laurelton, Long Island, N. Y. Door frame construction for cabinets. 2,384,896; Sept. 18.
Dering, Henry O.: *See*—
Davies, R. J., Dering, and Parker.
De Roche, Daryl R., Baltimore, and D. D. Jones, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Continuous vulcanization process and apparatus. 2,373,816; Apr. 17.
De Rohden, Charles, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Magnesium-base rare earth alloys. 2,384,370; Sept. 4.
De Roode, Trimble, New York, N. Y. Passenger accommodations in vehicles. 2,382,402; Aug. 14.
De Rosa, Louis A.: *See*—
Deloraine, E. M., and de Rosa.
Derr, Ralph B.: *See*—
Newsome, J. W., and Derr.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,372,061; Mar. 20.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,374,001; Apr. 17.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Synchronizing control system. 2,381,264; Aug. 7.
Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker control systems. 2,390,782; Dec. 11.
Derrick, Donald G.: *See*—
Meir, J. K., and Derrick.
Derry, Frank M., Missoula, Mont.; dedicated to the free use of the people in the territory of the United States. Parachute. 2,384,416; Sept. 4.
Dersch, Fritz, and N. Heimbach, Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Production of photographs in blue tones. 2,384,897; Sept. 18.
Derungs, Ernest A., Le Locle, Switzerland. Selecting control device. 2,388,043; Oct. 30.
De Ruschi, Agustin L. V.: *See*—
De Ruschi, Juan B. A. E. and A. L. V.
De Ruschi, Juan B. A. E. and A. L. V., Banfield, Argentina. Automatic safety device applying to doors and windows. 2,375,901; May 15.
De Samsonow, Vassily, Ponca City, Okla. Indicating aircraft flight condition. 2,380,635; July 31.
De Sart, Albert W., Sr., assignor to United Acoustigraph Corporation, Los Angeles, Calif. Sound recording and reproducing apparatus. 2,367,846; Jan. 23.
Descarsin, Maurice, Paris, France; vested in the Alien Property Custodian. Electrical heating of articles made of glass or other vitreous material. 2,385,567; Sept. 25.
Deschamps, Desire J., Rutherford, N. J., assignor to Deschamps Fuel Injection Corporation, New York, N. Y. Mixture control apparatus. 2,388,681; Nov. 13.
Deschamps, Desire J., Rutherford, B. H. Dow, Nutley, and D. C. Clarke, Mountain Lakes, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Engine accessory. 2,372,816; Apr. 3.
Deschamps Fuel Injection Corporation: *See*—
Deschamps, Desire J., assignor.
De Schoulepnikow, Jean: *See*—
Durrenmatt, H. K., and de Schoulepnikow.
Desetti, Gild E., Woodbury, N. J., W. A. Dew, B. H. Mackey, and R. G. Woodbridge, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the recovery of solvents. 2,367,487; Jan. 16.
De Seversky, Alexander P., New York, N. Y. Life boat for airplanes. 2,389,600; Nov. 27.
Deshaw, Zoltan, Ilford, England. Loosening a corrosion frozen metal-to-metal joint. 2,371,033; Mar. 6.
Designers For Industry, Inc.: *See*—
Lanese, Donald C., assignor.
Lee, Asa R., assignor.
Designs, Incorporated: *See*—
Brown, Percy M., assignor.
De Simó, Martin, Piedmont, and J. J. O'Connor, Oakland, assignors to Shell Development Company, San Francisco, Calif. Sulfur compounds. 2,374,983; May 1.
De Simo, Martin, Piedmont, and Robert M. Roberts, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of dienes. 2,391,555; Dec. 25.
Desjardins, Oscar: *See*—
McIlwrick, J., and Desjardins.
Desmet, John P., Modesto, Calif. Rivet applying tool. 2,386,939; Oct. 16.
Desmond, Virginia D., Wrentham, Mass., assignor to Pilgrim Plastics, Inc. Rattle. 2,380,368; July 10.
Desoutter, Charles, London, N. Y. 3, England. Portable riveting press. 2,374,737; May 1.
Despres, Lilly D., New York, N. Y., assignor, by mesne assignments, to Weco Products Company, Chicago, Ill. Snood. 2,368,972; Feb. 6.
Després, Lilly D., New York, N. Y., assignor, by mesne assignments, to Weco Products Company, Chicago, Ill. Hair net. 2,388,957; Nov. 13.
Dessaur, Murray, assignor to himself and R. D. Gale, Bronx, N. Y. Detachable toilet paper holder. 2,374,586; Apr. 24.
Dessureau, Ernest F., Meriden, Conn. Garment hanger. 2,376,584; May 22.
De Stefano, John, Jackson Heights, N. Y. Sea water distilling device. 2,383,294; Aug. 21.
De Stramp, Louise: *See*—
Hinton, O. A., and De Stramp.
De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Lipstick holder. 2,371,808; Mar. 20.
De Sylva, Oscar J., assignor to Shellmar Products Company, Mount Vernon, Ohio. Liquid sealing method. 2,368,645; Feb. 6.
Detjen, Edgar W., Milwaukee, Wis. Water motor for lawn sprinklers, etc. 2,390,355; Dec. 4.
De Toro, Nicholas, Bridgeport, Conn., assignor to General Electric Company. Glow switch for starting discharge devices. 2,376,669; May 22.
De Tosti, Dominick, Patchogue, N. Y. Extension-leaf table. 2,366,499; Jan. 2.
De Tour, Frank W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on shoes. 2,371,741; Mar. 20.
Detrick, M. H., Company: *See*—
Hosbein, L. H., and Ellman, assignors.
Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,377,997; June 12.
Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,377,998; June 12.

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Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,378,000; June 12.

Detroit Aluminum & Brass Corp.: *See*—
Strickland, R. L., and Segall, assignors.

Detroit Gasket & Manufacturing Company: *See*—
Denman, Harry B., assignor.

Detroit Harvester Company: *See*—
Kost, Harold W., assignor.

Detroit Lubricator Company: *See*—
Dillman, Earnest J., assignor.
Doucet, Edward J., assignor.
Landon, Walter S., assignor.
Russel, Philip S., assignor.
Russell, Philip S., assignor.
Von Wangenheim, Adolf, assignor.
von Wangenheim, Adolf, assignor.

Detroit Macoid Corporation: *See*—
Hendrie, George S., assignor.
Sherman, Orville B., assignor.

Detroit Research Laboratories Inc.: *See*—
Hudson, William H., assignor.

Detroit Rex Products Company: *See*—
Dinley, C. F., and McCracken, assignors.

Detroit Steel Products Company: *See*—
Randall, William C., assignor.

Detroit Stoker Company: *See*—
Beers, Royce L., assignor.

Detroit Tap & Tool Company: *See*—
Hellstrom, Sven B., assignor.
Spedding, Howard, assignor.
Walters, Fritz, assignor.

Dettle, Lawrence E.: *See*—
Rockola, D. C., Dettle, and Triman.

Dettle, Lawrence E., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Apparatus for coating record blanks. 2,388,126; Oct. 30.

Dettling, Joseph J., assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for repairing pneumatic tire casings. 2,391,300; Dec. 18.

Dettman, Harold V., Riverside, Ill. Eccentric die sheet metal flanging machine. 2,384,284; Sept. 4.

Dettmer, Alfred B., Cleveland, Ohio, assignor to The Weldon Tool Company. End mill. 2,377,329; June 5.

Dettwyler, William, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,373,817; Apr. 17.

Dettwyler, William, Pitman, and F. B. Stilmar, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing anthraquinone vat dyes. 2,369,951; Feb. 20.

Detwiler, Joseph S., assignor to Taylor Instrument Companies, Rochester, N. Y. Fire control system. 2,373,877; Apr. 17.

Deubel, Justin A., assignor to Perfex Corporation, Milwaukee, Wis. Control system. 2,373,103; Apr. 10.

De Urzaiz, Luis: *See*—
Iseman, John W., assignor.

Deutsch, Eugene, assignor of thirty per cent to J. Deutsch and thirty per cent to H. Deutsch, Chicago, Ill. Spring unit for use in furniture, autos, etc. 2,375,289; May 8.

Deutsch, Hans, Chicago, Ill. Utility bag. 2,384,285; Sept. 4.

Deutsch, Harry: *See*—
Wolman, L., and Deutsch.

Deutsch, Harry, et al.: *See*—
Deutsch, Eugene, assignor.

Deutsch, Jakob, Basel, Switzerland, assignor, by mesne assignment, to The National Cash Register Company, Dayton, Ohio. Cash register with attached automatic stamp issuing apparatus. 2,368,526; Jan. 30.

Deutsch, Julius, et al.: *See*—
Deutsch, Eugene, assignor.

Deutsch, Walther, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Electrical dehydration of petroleum emulsions. 2,382,697; Aug. 14.

De Vaney, Fred D., assignor to Erie Mining Company, Hibbing, Minn. Beneficiation of magnetite concentrates by flotation. 2,388,471; Nov. 6.

De Vellier, William A., New York, N. Y., assignor to New Process Screw Corporation, Waterville, Conn. Header die for use in making screw blanks for double threaded screws. 2,373,878; Apr. 17.

De Vellier, William A., New York, N. Y., assignor to New Process Screw Corporation, Waterville, Conn. Making diamond headed screw blanks for double threaded screws and header dies for use therewith. 2,373,948; Apr. 17.

Development Engineering Company: *See*—
Bagley, William H., Jr., assignor.

Dever, Franklin J., Columbus, Ohio. Beverage maker. 2,391,397; Dec. 25.

Deverall, Charles N.: *See*—
Schoepflin, P. H., Deverall, and Stutz.

De Verter, Walton, Chicago, Ill. Electromagnetic sound reproducer. 2,383,594; Aug. 28.

De Verter, Walton, Oak Park, assignor of one-third to S. L. Brenner, Chicago, Ill. Tube testing device. 2,380,095; July 10.

De Vigier, William A., Northwood, assignor of one-half to Acrow (Engineers) Limited, Northwood, Middlesex, England. Extrusion apparatus for molding blocks, tubes, and the like. 2,386,665; Oct. 9.

De Vilbiss Company, The: *See*—
Bailey, F. A., and Miller, assignors.
Miller, Godfrey A., assignor.
Peeps, Donald J., assignor.
Petersen, J. S., Miller, Wendshuh, and Moser, assignors.
Roselund, Harold A., assignor.
Sykes, R. E., and Moser, assignors.

De Villiers, Truman E., Okmulgee, Okla., assignor to Morris Paper Mills, Chicago, Ill. Bottle carrier 2,375,631; May 8.

De Villiers, Rudolph E. V. R.: *See*—
Brahn, Benno B. A., assignor.

De Villiers, Truman E., Okmulgee, Okla., assignor to Cities Service Oil Company, New York, N. Y. Detergent composition. 2,383,114; Aug. 21.

Devine, George F., Easton, Conn., assignor to General Electric Company. Background noise suppressor. 2,369,952; Feb. 20.

Devine, J. E., et al.: *See*—
Ellis, Clarence M., assignor.

De Vine, John D., Chicago, Ill. Composition and compounds utilizing the same. 2,375,978; May 15.

Devitt, Matthew W. M.: *See*—
Sargent, R. E., and Devitt.

De Vlieg, Charles B., Detroit, Mich. Method of and apparatus for making impeller wheels. 2,390,994; Dec. 18.

De Vlieg, Charles B., Detroit, Mich. Horizontal boring machine. 2,391,398; Dec. 25.

De Vlieg, Gerard A., Rockford, Ill. Machine for boring. 2,383,958; Sept. 4.

De Vlieg, Gerard A., Rockford, Ill. Machine for sharpening cutters. 2,390,521; Dec. 11.

De Voe, William E.: *See*—
Bazley, R. L., and De Voe.

Devol, Manson L., Wilkinsburg, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Forming glass sheets. 2,387,866; Oct. 30.

Devonshire Research Corporation: *See*—
Choate, C. E., and Townsend, assignors.

De Vore, Henry B., Newark, N. J., assignor to Radio Corporation of America. Manufacturing mosaic electrodes. 2,380,505; July 31.

De Vries, Ralph P.: *See*—
Touceda, E. G., and De Vries.

De Vries, Reinier P., Melrose, Mass. Fuel carburation system. 2,384,609; Sept. 11.

De Vry Corporation: *See*—
Ress, Thomas I., assignor.

Dew, Stanley J., Toronto, Ontario, Canada. Flexible support for artificial legs. 2,381,265; Aug. 7.

Dew, Walter A.: *See*—
Desetti, G. E., Dew, Mackey, and Woodbridge.

De Walt Products Corporation: *See*—
Gardner, W. W., assignor.

Dewan, Leon, Arverne, assignor to P. W. Andrews, New York, N. Y. Pressure gauge. 2,378,201; June 12.

De Weerth, Harmannus K., Buenos Aires, Argentina. Machine for cooking, dehydrating, and/or cooling foodstuffs. 2,374,425; Apr. 24.

De Weerth, Harmannus K., Buenos Aires, Argentina. Machine for cooking, dehydrating and/or cooling foodstuffs. 2,374,587; Apr. 24.

Dewey and Almy Chemical Company: *See*—
de Poix, Henri M. J. T., assignor.
Habib, E. E., and Gott, assignors.
McMordie, S., and Peterson, assignors.

Dewey & Almy Chemical Company et al.: *See*—
Fox, Vernie A., assignor.
Walton, Richard R., assignor.

Dewey, Clarence L., Elkhart, Ind. Gas burner. 2,368,646; Feb. 6.

Dewey, Clarence L., Elkhart, Ind. Metal tube shaping machine. 2,368,973; Feb. 6.

Dewey, Clarence L., Elkhart, Ind. Table structure. 2,369,140; Feb. 13.

Dewey, Clarence L., Elkhart, Ind. Forming rear axle housings. 2,370,641; Mar. 6.

Dewey, Clarence L., Elkhart, Ind. Frame for furniture or the like. 2,374,180; Apr. 24

Dewey, Clarence L., Elkhart, Ind. Metallic bedstead. 2,376,347; May 22.

Dewey, Clarence L., Elkhart, Ind. Propeller shaft. 2,380,952; Aug. 7.

Dewey, Clarence L., Elkhart, Ind. Tube straightening machine. 2,384,457; Sept. 11.

Dewey, Frederick L., Canton, Ill., assignor to International Harvester Company. Plow. 2,383,373; Aug. 21.

Dewey, Ritchie P., assignor to Barber-Colman Company, Rockford, Ill. Portable hardness testing instrument. 2,372,662; Apr. 3.

Dewhirst, Paul A.: *See*—
Hamer, Leland S., assignor.

Dewhurst, Maurice R.: *See*—
Elliott, R. C., Dewhurst, and Booth.

De Witt, Bernard, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Purification of titanium tetrachloride. 2,370,525; Feb. 27.

De Witt, Clinton M.: *See*—
Knowles, E. F., and De Witt.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Receptacle and making it. 2,389,601; Nov. 27.
De Witt, William J., Auburn, N. Y., E. L. Ott, Shelton, and W. B. Runk, Waterbury, Conn., assignors to Shoe Form Co. Inc., Auburn, N. Y. Fishhook making machine. 2,379,886; July 10.
De Woody, Charles M., assignor to Ace Glass Incorporated, Vineland, N. J. Clamp for spherical joints. 2,388,633; Nov. 6.
De Woody, Charles M., assignor to Ace Glass Incorporated, Vineland, N. J. Container for aseptic filling and dispensing of sterile liquids. 2,388,634; Nov. 6.
Dexter Company, The: *See*—
Blough, Ronald S., assignor.
Dexter Folder Company: *See*—
Baker, Leonard, assignor.
Baker, L., and Williams, assignors.
Dextone Company, The: *See*—
Falco, Louis A., assignor.
De Young, Martin: *See*—
Bunker, V. W., De Young, and Kropf.
De Young, Martin, assignor to Gallmeyer & Livingston Company, Grand Rapids, Mich. Grinding machine control. 2,378,066; June 12.
Deyrup, Alden, Westfield, K. H. Ballard, Perth Amboy, and J. J. Strickarz, Sewaren, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of electrical capacitors. 2,389,419; Nov. 20.
Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vehicles for application of ceramic colors. 2,379,507; July 3.
Deyrup, Alden J., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of capacitors. 2,389,420; Nov. 20.
Deyrup, Alden J., Westfield, and K. H. Ballard, Perth Amboy, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of electrical capacitors. 2,390,025; Nov. 27.
D'heedene, Albert R., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coaxial impedance element. 2,379,952; July 10.
Diagraph-Bradley Stencil Machine Corporation: *See*—
Herb, Otto J., assignor.
Lepp, William H., assignor.
Dial, William R., and C. Gould, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Casting resins. 2,379,218; June 26.
Diamond Alkali Company: *See*—
Robinson, Edward A., assignor.
Diamond Chain and Manufacturing Company: *See*—
Mize, George G., assignor.
Diamond, Hyman: *See*—
Larsen, R. G., and Diamond.
Diamond Power Specialty Corporation: *See*—
Rasmussen, Robert, assignor.
D'Ianni, James D.: *See*—
Clifford, A. M., and D'Ianni.
D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Esters and preparing the same. 2,382,548; Aug. 14.
Diaz, Manuel D., assignor of sixty one-hundredths to A. C. Oquendo, Habana, Cuba. Nonrefillable closure for bottles and like containers. 2,380,825; July 31.
Diaz y Diaz, Manuel, assignor of sixty one-hundredths to A. C. Oquendo, Habana, Cuba. Closure device for rendering bottles nonrefillable. 2,382,864; Aug. 14.
Dibben, William H. J.: *See*—
Christian, D. A., and Dibben.
Dibert, James O., Altoona, Pa. Eyeglass holder. 2,380,297; July 10.
Dibner, Bern, Crompond, N. Y. Connecting a sleeve to a wire. 2,375,741; May 8.
Dicalite Company, The: *See*—
Harrison, M. A., assignor.
DiCarlo, Joseph J., Spokane, Wash. Bomb ejector. 2,375,351; May 8.
Dichter, Jakob. Berlin-Schoneberg, Germany; vested in the Alien Property Custodian. Apparatus for shaping elliptical glass tubes. 2,371,881; Mar. 20.
Dick, A. B., Company: *See*—
Davis, Alex B., assignor.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston construction. 2,370,942; Mar. 6.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Piston sealing means. 2,383,959; Sept. 4.
Dick, George F. and G. H., Evanston, Ill., and J. E. Wood, Prospect Park, Pa.; said J. E. Wood assignor to said G. F. Dick and said G. H. Dick. Preparations of scarlet fever toxin for administration by mouth. 2,369,218; Feb. 13.
Dick, Gladye H.: *See*—
Dick, George F. and G. H., and Wood.
Dick, Herbert L., Barrington, assignor to Tested Appliance Company, Chicago, Ill. Apparatus for the purification of water. 2,389,185; Nov. 20.
Dick, Joseph A., Greenock, Pa. Cutting fluid pump unit for drilling machines. 2,381,650; Aug. 7.
Dick, Ralph W., Fort Wayne, Ind. Folding chair. 2,382,300; Aug. 14.
Dicke, Oscar H. and R. H., Rochester, N. Y. Electric clock system. 2,377,617; June 5.
Dicke, Oscar H., Rochester, N. Y., and R. H. Dicke, Cambridge, Mass. Electric clock. 2,377,618; June 5.
Dicke, Robert H.: *See*—
Dicke, Oscar H. and R. H.
Dickens, L. A., Co., Inc.: *See*—
Dickens, Lonnie A., assignor.
Dickens, Lonnie A., Archdale, assignor to L. A. Dickens Co., Inc., High Point, N. C. Valve mechanism. 2,381,651; Aug. 7.
Dickenson, Ernest H., assignor to Ingersoll-Rand Company, New York, N. Y. Manufacture of detachable drill bits. 2,387,983; Oct. 30.
Dickenson, R. E., et al.: *See*—
Mikelson, Nordal, assignor.
Dickenson, W. J., et al.: *See*—
Mikelson, Nordal, assignor.
Dickerman, Harry K., assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Ammunition carton. 2,391,230; Dec. 18.
Dickerman, Hurbert E., Springfield, Mass. Measuring apparatus. 2,371,742; Mar. 20.
Dickerson, Walter T., Company, The: *See*—
Gordon, Hiram, assignor.
Dickerson, Winifred S., Bluefield, W. Va. Hair curler. 2,380,154; July 10.
Dickey, Joseph B.: *See*—
McNally, J. G., and Dickey.
Strain, W. H., and Dickey.
Dickey, Joseph B., and A. Loria, assignors to Eastman Kodak Company, Rochester, N. Y. Surface-active agents. 2,369,443; Feb. 13.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds and material colored therewith. 2,372,663; Apr. 3.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Morpholine compounds. 2,374,181; Apr. 24.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Arylene diamine compounds. 2,374,337; Apr. 24.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Arylamino compounds. 2,374,807; May 1.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Substituted naphthenyl hydroxy methane phosphonic acids. 2,376,130; May 15.
Dickey, Joseph B., E. B. Towne, and W. H. Strain, assignors to Eastman Kodak Company, Rochester, N. Y. Making aromatic amines. 2,382,613; Aug. 14.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,386,599; Oct. 9.
Dickey, Joseph B., Rochester, N. Y., and J. B. Normington, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. N-Aryltetrahydroquinolines. 2,387,751; Oct. 30.
Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Knoxville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating process and resulting product. 2,388,833; Nov. 13.
Dickey, Joseph B., and J. R. Byers, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds. 2,391,011; Dec. 18.
Dickey, Joseph B., Rochester, N. Y., and J. G. McNally, Knoxville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Alkylating arylamines. 2,391,139; Dec. 18.
Dickey, Roy N., assignor to Meets-A-Need Manufacturing Company, Seattle, Wash. Hinge construction for waffle irons and the like. 2,367,847; Jan. 23.
Dickey, Roy N., assignor to Meets-A-Need Manufacturing Company, Seattle, Wash. Waffle iron. 2,376,585; May 22.
Dickieson, Alton C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,387,652; Oct. 23.
Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Accounting means. 2,377,764; June 5.
Dickinson, Arthur H., Greenwich, Conn., assignor to International Business Machines Corporation, New York, N. Y. Record controlled computing machine. 2,390,427; Dec. 4.
Dickinson, Edna V., et al.: *See*—
Bruen, George C., assignor.
Dickinson, John T., Basking Ridge, N. J., O. Morfit, Scarsdale, N. Y., and L. J. Van Orden, Bloomfield, N. J., assignors to Standard Oil Company, Chicago, Ill. Propane fractionation of heavy oils. 2,367,671; Jan. 23.
Dickinson, John T., Basking Ridge, N. J., H. P. Wickham, Glen Head, and O. Morfit, Scarsdale, N. Y., assignors to Standard Oil Company, Chicago, Ill. Propane fractionation of heavy oils. 2,383,535; Aug. 28.
Dickison, Niles, Portsmouth, Va. Roller tension for spinning frames. 2,373,176; Apr. 10.
Dickson, Elizabeth B., et al.: *See*—
Kendall, George H., assignor.

Dickson, James J., and O. R. Rogers, Dayton, Ohio. Method and apparatus for telemetering flight test data. 2,378,395; June 19.
Dickson, L. C., Jr., et al.: *See*—
Kendall, George H., assignor.
Dickson, T. C., Jr., et al.: *See*—
Kendall, George H., assignor.
Dickson, Thomas A.: *See*—
Abbott, R. H., and Dickson.
Dickson, Thomas A., assignor to Colorado Iron Works Company, Denver, Colo. Hydraulic classification method. 2,373,662; Apr. 17.
Dickten, Emil, Jr., Totowa, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polarized relay. 2,378,986; June 26.
Di Cosmo, Pasquale V., assignor to The Canister Company, Phillipsburg, N. J. Container and closure therefor. 2,370,018; Feb. 20.
Di Cosmo, Pasquale V., assignor to The Canister Company, Phillipsburg, N. J. Container and closure with opening means therefor. 2,375,632; May 8.
Di Cosmo, Pasquale V., assignor to The Canister Company, Phillipsburg, N. J. Container and sealing same. 2,378,470; June 19.
Di Cosmo, Pasquale V., and M. C. Ricciardi, Dover, N. J. Fuse assembly machine. 2,367,672; Jan. 23.
Dictaphone Corporation: *See*—
Lucarelle, Joseph M., assignor.
Norton, L. D., and Frykman, assignors.
Yerkovich, S., Sherman, and Cameron, assignors.
Dictograph Products Company, Inc.: *See*—
Koch, Henry, assignor.
Diebold, Incorporated: *See*—
Abbott, A. L., Spencer, and Lichtenstein, assignors.
Miller, Karl H., assignor.
Diederich, Henry J., St. Paul, Minn. Storm window fastener. 2,374,426; Apr. 24.
Dieffenbach, Ferd, Greentree, Pa. Method and apparatus for the inspection of paint films. 2,373,104; Apr. 10.
Diehl, Claus: *See*—
Dalmer, O., Diehl, and Pieper.
Diehl, G. M., Machine Works, The: *See*—
Gustin, George M., assignor.
Diehl, Harold A., Bay City, and J. C. McDonald, assignors to The Dow Chemical Company, Midland, Mich. Rolling composite magnesium-base alloy sheets. 2,366,185; Jan. 2.
Diehl, John A., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Seadrome contact light buoy. 2,367,818; Jan. 23.
Diehl, John E.: *See*—
Shobert, E. I., II, Diehl, and Schutz.
Diehl, Walter S., U. S. Navy. Aircraft wing slot baffle. 2,368,205; Jan. 30.
Diehn, Karl H., Dundalk, and L. C. Crewe, Baltimore, Md., assignors to Bethlehem Steel Company. Drawing. 2,390,644; Dec. 11.
Diem, Hans, assignor to Edouard Dubied & Cie Societe Anonyme, Neuchatel, Switzerland. Circular knitting machine provided with pattern means. 2,370,619; Mar. 6.
Diem, Hans J., Bradenton, Fla. Insecticide. 2,388,393; Nov. 6.
Diera, Lewis G.: *See*—
Knudsen, Percy E., and Diera.
Dierking, Lester H., assignor to E. H. Kramer, Detroit, Mich. Planer gauge. 2,372,368; Mar. 27.
Dies, Charles A., Chicago, Ill. Globe valve. 2,373,552; Apr. 10.
Diesel, Benjamin A., Los Angeles, Calif. Pickup truck. 2,385,196; Sept. 18.
Dietert, Harry W., Detroit, Mich. Combustion tube assembly. 2,370,293; Feb. 27.
Dietert, Harry W., Detroit, Mich. Apparatus for testing the gas permeability of molded specimens. 2,371,508; Mar. 13.
Dietert, Harry W., Detroit, Mich. Film or photographic plate processing machine. 2,384,898; Sept. 18.
Dietrich, Hans L., Berlin, Germany; vested in the Alien Property Custodian. Receiver. 2,369,542; Feb. 13.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrocarbon oil. 2,370,943; Mar. 6.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic phosphorus compounds. 2,373,627; Apr. 10.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphurized hydrocarbon derivatives. 2,373,879; Apr. 17.
Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrocarbon oil. 2,387,501; Oct. 23.
Dietrich, Otto E., Morton, Ill. Reversible pitch propeller. 2,384,780; Sept. 11.
Dietrich, Walter L., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Tilt-type lever-operated switch. 2,377,134; May 29.
Dietz, Albert E., Washington, D. C. Pneumatic tire. 2,368,974; Feb. 6.
Dietz, Douglas, Smithton, Ill. Carcass saw. 2,381,489; Aug. 7.
Dietz, Karl: *See*—
Voss, Arthur, Dietz, and Thomas.
Dietzgen, Eugene, Co.: *See*—
Dietzgen, Joseph E., assignor.
Dietzgen, Joseph E., Winnetka, assignor to Eugene Dietzgen Co., Chicago, Ill. Slide rule. 2,369,819; Feb. 20.
Diezel, Willy, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Seaming mechanism. 2,382,469; Aug. 14.
Diezel, Willy, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Cover feeding and marking device. 2,386,845; Oct. 16.
Diezel, Willy, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Seaming mechanism. 2,391,684; Dec. 25.
Diffley, Peter J., Springfield, Mass. Handguard. 2,390,522; Dec. 11.
Di Giovanni, Joseph, Fairview, N. J., assignor to United Elevator Service, Inc., New York, N. Y. Elevator system. 2,384,986; Sept. 18.
Di Grado, Salvatore, and C. C. Greco, Philadelphia, Pa. Furniture brace. 2,373,818; Apr. 17.
Dike, Theodore W.: *See*—
Golick, A. J., and Dike.
Laucks, I. F., Merritt, Lawshe, and Dike.
Dileo, Dominick, Utica, N. Y. Fishing line reel. 2,389,602; Nov. 27.
Dileo, Dominick, Utica, N. Y. Fishing line reel brake. 2,390,356; Dec. 4.
Dilg, Walter C., Floral Park, assignor to Waugh Equipment Company, New York, N. Y. Grate bar. 2,372,260; Mar. 27.
Di Lieto, Alfonso L., Ozone Park, assignor to A. Kreamer, Inc., Brooklyn, N. Y. Receptacle and rack. 2,376,670; May 22.
Dilks, Charles F., South Norwalk, Conn. Sound reproducing and amplifying device. 2,384,371; Sept. 4.
Dill, Gilbert D., Wilmette, Ill., assignor to Standard Oil Development Company, New York, N. Y. Facilitating and controlling chemical reactions or physical treatments. 2,381,119; Aug. 7.
Diller, Burgoyne A., U. S. Navy. Blinker signaling device. 2,376,586; May 22.
Diller, Sanford, Benton Harbor, Mich. Fruit brushing machine. 2,376,587; May 22.
Dilley, June D., Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Washer and cotter pin lock. 2,391,140; Dec. 18.
Dillinger, Joy F.: *See*—
Bandur, A. F., Dillinger, and Ogden.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Expansion valve. 2,368,592; Jan. 30.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Electric switch. 2,374,636; Apr. 24.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,377,765; June 5.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control means. 2,389,111; Nov. 13.
Dillon, Harry R., Richmond, Va. Hammock. 2,378,202; June 12.
Dillon, Lyle, San Gabriel, and E. G. Ragatz, San Marino, assignors to Union Oil Company of California, Los Angeles, Calif. Apparatus and method for coalescing foam. 2,381,578; Aug. 7.
Dillon, Stephen V., Tulsa, Okla. Remote control locking means. 2,387,126; Oct. 16.
Dilworth, Richard M., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Flexible coupling. 2,383,850; Aug. 28.
Dilworth, Richard M., Hinsdale, and T. O. Lillquist, Clarendon Hills, Ill., assignors to General Motors Corporation, Detroit, Mich. Transition control system. 2,388,782; Nov. 13.
Dimick, Hanna G.: *See*—
Owen, David T., assignor.
Dimick, William A., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale beam. 2,390,696; Dec. 11.
Dimmer, Robert P., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Radio receiver control means. 2,379,284; June 26.
Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Reduction in reflection from glass. 2,371,611; Mar. 20.
Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Dichroic reflector. 2,379,790; July 3.
Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Interferometer. 2,381,728; Aug. 7.
Dimond, Lloyd E., Portsmouth, Va. Sausage casing. 2,366,710; Jan. 9.
Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Traffic observing apparatus. 2,378,541; June 19.
Dimple Tie Corporation: *See*—
Kleinmann, Max., assignor.
Dimsdale, Wilfrid H., and A. E. Clarke, assignors to Ilford Limited, Ilford, England. X-ray dosage indicator. 2,387,887; Oct. 30.
Dinkfeld, August M., Berkeley, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Molding and curing self-setting magnesia. 2,368,975; Feb. 6.

Dinley, Clarence F., and W. L. McCracken, assignors to Detroit Rex Products Company, Detroit, Mich. Extraction method. 2,377,135; May 29.
Dinley, Clarence F., and W. L. McCracken, assignors to Detroit Rex Products Company, Detroit, Mich. Extraction apparatus. 2,377,136; May 29.
Dinnick, George M.: *See*—
Mouromtseff, I. E., and Dinnick.
Di-Noc Manufacturing Company, The: *See*—
Reese, Thomas S., assignor.
Dinsley, Alfred, La Canada, Calif. Shark repellent. 2,389,719; Nov. 27.
Dinsmore, Ray P., assignor to Wingfoot Corporation, Akron, Ohio. Threadlike structure. 2,386,666; Oct. 9.
Di Pietro, Carmelo V., Birmingham, Mich. Beverage dispensing apparatus. 2,371,431; Mar. 13.
Di Pietro, Carmelo V., Birmingham, Mich. Faucet. 2,371,432; Mar. 13.
Dippel, Cornelis J., and K. J. Keuning, Eindhoven, Netherlands, H. J. J. Verkinderen, Mortsel, and R. L. H. Van Hoestenberghe, Berchem, Belgium; vested in the Alien Property Custodian. Copyfilms for lenticular sound tracks. 2,380,585; July 31.
Dircksen, Arnold D., Dayton, Ohio. Day and night message conveyer. 2,370,150; Feb. 27.
Dircksen, Arnold D., Dayton, Ohio, C. Bardwell, West Los Angeles, and J. C. Rose, assignors to Bardwell & McAlister, Inc., Los Angeles, Calif. Variable indicator light cap. 2,372,937; Apr. 3.
Dircksen, Arnold D., and J. E. Golob, Dayton, Ohio. Identification light for aerial delivery containers. 2,376,330; May 22.
Dirkes, Robert F.: *See*—
Clark, F. H., and Dirkes.
Dirkes, Robert F., Jamaica, N. Y., J. W. Long, Plainfield, and T. E. Melick, Neshanic, N. J., and E. W. Hewitt, Stamford, Conn., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph printer. 2,375,541; May 8.
Dirksen, Henry W.: *See*—
Eagle, J. H., Dirksen, and Orser.
Dirksen, Ole A., and H. G. Beesley, Spencer, Iowa. Post driver. 2,378,131; June 12.
Dishauzi, Steve J., Hollidays Cove, W. Va., assignor to National Steel Corporation. Continuous strip pickling. 2,381,652; Aug. 7.
Dishner, John H., Dallas, Tex. Evaporative cooling unit. 2,384,016; Sept. 4.
Disken, Martin B., Brooklyn, N. Y. Card holding attachment. 2,390,357; Dec. 4.
Dismukes, Newton B., Houston, Tex., assignor to Standard Oil Development Company. Plugging strata in bore holes. 2,371,383; Mar. 13.
Dispersions Process, Inc.: *See*—
Zemaitis, Joseph F., assignor.
Display Finishing Company, Inc.: *See*—
Quinby, Albert J., assignor.
Disse, Josef A., Detroit, Mich. Universal vise. 2,390,428; Dec. 4.
Distillation Products, Inc.: *See*—
Baxter, J. G., and Robeson, assignors.
Cawley, John D., assignor.
Hecker, John C., assignor.
Hickman, Kenneth C. D., assignor.
Hickman, K. C. D., and Kuipers, assignors.
Shantz, Edgar M., assignor.
Distillers Company Limited, The: *See*—
Brittain, E. H., Joshua, and Whitmarsh, assignors.
Mugdan, M., and Barton, assignors.
Staudinger, H. P., and Tuerck, assignors.
Staudinger, H. P., Tuerck, and Brittain, assignors.
Staudinger, H. P., Tuerck, and Brighton, assignors.
Stanley, H. M., and Smart, assignors.
Stanley, H. M., and Youell, assignors.
Tuerck, Karl H. W., assignor.
Tuerck, K. H. W., and Lichtenstein, assignors.
Wood, W. L., and Bowen, assignors.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Railway hatch cover and locking means therefor. 2,372,369; Mar. 27.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car construction. 2,385,062; Sept. 18.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Lifting mechanism for sliding doors. 2,386,385; Oct. 9.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Freight car. 2,390,873; Dec. 11.
Di Tona, Joseph O. C., Newark, N. J. Spark plug. 2,388,472; Nov. 6.
Dittler, Alexander: *See*—
Cook, Frank G., assignor.
Dittman, Karl H., assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Receptacle. 2,376,530; May 22.
Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inhibiting polymerization. 2,373,464; Apr. 10.
Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bright dip. 2,382,865; Aug. 14.
Ditto, Eugene D., Brookline, assignor to Marine Optical Mfg. Co., Boston, Mass. Industrial goggle. 2,367,389; Jan. 16.
Ditto, Hugo M., Newton, assignor, by mesne assignments, to Marine Optical Mfg. Co., Boston, Mass. Goggles. 2,388,635; Nov. 6.
Ditto, Incorporated: *See*—
Bour, Robert C., assignor.
Champion, William J.
Champion, William J., assignor.
Chatterton, Cecil M., assignor.
Erickson, A. L., and Haskell, assignors.
Gibson, J. L., and Peterson, assignors.
Hess, Arthur L., assignor.
Tatge, Robert W., assignor.
Wilderson, Eli, assignor.
Ditto, Joseph C.: *See*—
Martine-Lally, L. A., Doney and Ditto.
Ditty, Allan V., Detroit, and A. J. Bradford, Grosse Pointe Park, assignors, by mesne assignments, to Technical Service, Incorporated, Detroit, Mich. Foldable stage structure. 2,369,340; Feb. 13.
Diurson, Axel R. K., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Vehicle brake control. 2,369,543; Feb. 13.
Di Valvasone, A. Ferstat: *See*—
Fendring, Harry E., assignor.
Divelbiss, George K., Clinton County, and A. Krofft, Easton, Mo. Bag holder. 2,371,743; Mar. 20.
Diver, Joseph E.: *See*—
Freel, W. G., Diver, and Jones.
Divine, Theodore C., Bellevue, Idaho. Outlet box hanger. 2,380,155; July 10.
Diving Equipment and Salvage Co., Inc.: *See*—
Browne, John W., assignor.
Dix, Winfield S., Myerstown, Pa. Boat. 2,373,019; Apr. 3.
Dixie Cup Company: *See*—
Barbieri, Cesare, assignor.
Brewer, Clarence T., assignor.
Carew, Herman, assignor.
Dixon, Albert W., assignor to The Alvey-Ferguson Company, Cincinnati, Ohio. Adjustable standard. 2,376,238; May 15.
Dixon, Fate, assignor of one-half to A. L. Walton, Durham, N. C. Machine for grinding bits. 2,384,899; Sept. 18.
Dixon, James K.: *See*—
Lecher, H. Z., and Dixon.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York. N. Y. P-cymene from monocyclic terpenes. 2,376,308; May 15.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York. Dehydrogenation of menthane. 2,376,309; May 15.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Dimethyl styrene from monocyclic terpenes. 2,376,310; May 15.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. 4-methyl-alpha-methyl styrene from bicyclic terpenes. 2,387,836; Oct. 30.
Dixon, James K., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Cracking of alpha-methylstyrenes. 2,391,821; Dec. 25.
Dixon, Jonathan, Catonsville, Md. Combined liquid-level indicator and controller. 2,377,330; June 5.
Dixon, Joseph, Crucible Company: *See*—
Hasselquist, Hugo S., assignor.
Miller, Kay, assignor.
Dixon, Keith E.: *See*—
Thompson, R. K., and Dixon.
Dixon, Ralph H., Belleville, N. J. Fastener device. 2,370,452; Feb. 27.
Dixon, Steve: *See*—
Haddock, J. L., and Dixon.
Dixon, William, Henderson, Ky. Back washer. 2,378,471; June 19.
Di Zoppola, Mario, New York, assignor to General Bronze Corporation, Long Island City, N. Y. Igniting a torch under water. 2,383,046; Aug. 21.
Doak, Robert S.: *See*—
Sontheimer, C. G., and Doak.
Doan, Donald J., and L. Vaughn, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacture of lead oxide. 2,380,096; July 10.
Dobbs, Fred, et al.: *See*—
Fitz, Charles L., assignor.
Dobeckmun Company, The: *See*—
Schmidt, David, assignor.
Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Shuttle car. 2,372,475; Mar. 27.
Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,384,083; Sept. 4.
Doble, Abner, assignor to Stanley Steam Motors Corporation, Chicago, Ill. Steam power plant. 2,379,887; July 10.
Dobmeier, Harold J., and G. A. Weingartner, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft control means. 2,383,779; Aug. 28.
Dobřemysl, Josef, Cambridge, England. Extractor for automatic guns. 2,366,840; Jan. 9.

Dobřemysl, Josef, Cambridge, England. Feed mechanism of machine and like automatic guns. 2,383,780; Aug. 28.
Dobřemysl, Josef, London, England. Automatic firearm. 2,367,488; Jan. 16.
Dobřemysl, Josef, London S. W. 15, England. Automatic gun. 2,389,960; Nov. 27.
Dobrenen, Charles, Los Angeles, Calif. Portable folding crib. 2,369,885; Feb. 20.
Dobrzynski, Nusyn, Haderah, Palestine. Liquid gauge tube. 2,371,509; Mar. 13.
Dobson, William A., Hartford, Conn., assignor to Underwood Corporation. Typewriting machine. 2,384,017; Sept. 4.
Dobson, William M., and A. L. Frye, Long Beach, and T. A. Griggs, San Pedro, assignors to Richfield Oil Corporation, Los Angeles, Calif. Well drilling. 2,380,156; July 10.
Docksey, Patrick: *See*—
Evans, N., and Docksey.
Docteur, Russell W., Rochester, N. Y. Fishing spoon. 2,375,290; May 8.
Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Indicating apparatus. 2,379,219; June 26.
Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,387,127; Oct. 16.
Dodds, Edwin M.: *See*—
Humphreys, T. D., and Dodds.
Dodds, John M., Timperley, and G. J. Scoles, East Sheen, assignors to Metropolitan-Vickers Electrical Company Limited, London, England. Step-by-step driving mechanism. 2,378,987; June 26.
Dodds, William E., Corsicana, Tex. Toy rocket chute. 2,380,223; July 10.
Dodenhoff, William D.: *See*—
Kottemann, Otto A., assignor.
Doderer, Adolph W.: *See*—
Stuhlman, F. A., and Doderer.
Doderer, Adolph W., assignor to Borg-Warner Corporation, Chicago, Ill. Machine for rolling circular objects. 2,368,008; Jan. 23.
Dodge, Adiel Y., Rockford, Ill. Clutch. Re. 22,682; Oct. 16.
Dodge, Adiel Y., Rockford, Ill. Coupling. 2,366,841; Jan. 9.
Dodge, Adiel Y., Rockford, Ill. Fluid clutch. 2,371,227; Mar. 13.
Dodge, Adiel Y., Rockford, Ill. Torque transmission. 2,371,228; Mar. 13.
Dodge, Adiel Y., Rockford, Ill. Torque transmission. 2,371,229; Mar. 13.
Dodge, Adiel Y., Rockford, Ill. Transmission. 2,372,817; Apr. 3.
Dodge, Adiel Y., Rockford, Ill. Clutch. 2,383,295; Aug. 21.
Dodge, Adiel Y., Rockford, Ill. Clutch and bearing structure. 2,383,595; Aug. 28.
Dodge, Adiel Y., Rockford, Ill. One-way clutch. 2,385,799; Oct. 2.
Dodge, Adiel Y., Rockford, Ill. Making vaned elements. 2,387,722; Oct. 30.
Dodge, Adiel Y., Rockford, Ill. Transmission. 2,389,186; Nov. 20.
Dodge, Adiel Y., Rockford, Ill. One-way clutch. 2,389,961; Nov. 27.
Dodge, Adiel Y., and C. E. Swenson, Rockford, Ill. Combined one-way clutch and bearing. 2,366,842; Jan. 9.
Dodge, Adiel Y., and C. E. Swenson, Rockford, Ill. One-way clutch. 2,366,843; Jan. 9.
Dodge, Barnett F.: *See*—
Pardee, W. A., and Dodge.
Dodge, Dwight A.: *See*—
Tuwiner, S. B., and Dodge.
Dodge, Gordon F., Columbus, Ohio, assignor to The Jeffery Manufacturing Company. Belt-centering device. 2,366,390; Jan. 2.
Dodge, Henry M., Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Windshield or window construction. 2,382,963; Aug. 21.
Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Molding apparatus for making thin-walled hollow articles. 2,370,294; Feb. 27.
Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Torsional joint. 2,379,508; July 3.
Dodge, Kenneth J.: *See*—
MacGuire, W. E., and Dodge.
Dodge Manufacturing Corporation: *See*—
Firth, David, assignor.
Firth, D., and Fast, assignors.
Lower, Donald P., assignor.
Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,372,886; Apr. 3.
Dodge, William W., Jr., Asheville, N. C. Control mechanism for vehicles. 2,366,391; Jan. 2.
Dodington, Sven H. M., Forest Hills, N. Y., assignor to Federal Telephone and Radio Corporation. Transformer. 2,383,475; Aug. 28.
Dodson, Edward, Putney Heath, London, S. W. 15, England. Servo-motor. 2,376,671; May 22.
Dodson, Edward, Puriton, near Bridgewater, England. Fluid-pressure-operated means for controlling apparatus at a distance. 2,379,692; July 3.
Dodson, Wayne E., Bloomfield, N. J., assignor to General Electric Company. Refrigerating system. 2,379,286; June 26.
Dodson, Wayne E., Caldwell, N. J., assignor to General Electric Company. Multistage refrigerating system. 2,386,198; Oct. 9.
Dodwell, John M., Shawbridge, Quebec, Canada. Seed planting machine. 2,384,820; Sept. 18.
Doe, Alec: *See*—
Tompkins, W., and Doe.
Doe, Thomas B., and R. L. Kenngott, New York, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fuse. 2,368,747; Feb. 6.
Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,372,938; Apr. 3.
Doehler Die Casting Company: *See*—
Bartholomew, Howard W., assignor.
Doehm, Karl A.: *See*—
Weidauer, C., and Doehm.
Doehring, Walter M., assignor to The Sheffield Corporation, Dayton, Ohio. Tool. 2,387,128; Oct. 16.
Doepner, Herman J., St. Paul, Minn. Fingerprinting apparatus. 2,384,018; Sept. 4.
Doerner, Henry A., Pullman, Wash. Magnesium distillation furnace. 2,379,888; July 10.
Doerner, Henry A., Pullman, Wash. Sludge separator. 2,380,097; July 10.
Doerner, Henry A., Pullman, Wash. Automatic reamer. 2,380,098; July 10.
Doggett, Leo W.: *See*—
Thompson, E. H., and Doggett.
Doggett, Leo W., assignor to Automatic Canteen Company of America, Chicago, Ill. Multiple stack loading mechanism for cup dispensers. 2,370,848; Mar. 6.
Doherty, William H., Elmhurst, N. Y. Shoe sole. 2,386,667; Oct. 9.
Dohl, Robert A., and E. G. Ziegelhoefer, Rochester, N. Y., assignors to Commercial Controls Corporation. Envelope hopper for mail treating machines. 2,390,573; Dec. 11.
Dohner & Lippincott: *See*—
Lippincott, Joshua G., assignor.
Dohrer, Francis J.: *See*—
Wall, H. M., and Dohrer.
Doisy, Edward A., Webster Groves, and P. A. Katzman, University City, assignors to President and Board of Trustees of St. Louis University, St. Louis, Mo. Obtaining chorionic gonadotropic hormone. 2,375,979; May 15.
Doisy, Edward A., and D. W. MacCorquodale, Webster Groves, and S. A. Thayer, S. B. Binkley, and R. W. McKee, assignors to President & Board of Trustees of St. Louis University, St. Louis, Mo. Vitamin K compounds and obtaining same. 2,373,105; Apr. 10.
Doke, Ernest G., assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Light gauge securing clip. 2,386,386; Oct. 9.
Dolan, Thomas A., Chicago, Ill. Foot massage device. 2,369,544; Feb. 6.
Dolch, William C., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Flow controlling valve. 2,367,106; Jan. 9.
Dole Valve Company, The: *See*—
Brown, Clyde A., assignor.
Chace, Thomas B., assignor.
Dolezal, Edward, L. J. Weber, and V. V. Hubby, Bartlesville, Okla., assignors to Phillips Petroleum Company. Furnace construction. 2,366,959; Jan. 9.
Dolgorukov, Gregory S., Detroit, Mich. Drafting instrument. 2,379,791; July 3.
Dolian, Frank E., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Emulsion paste waxes. 2,374,474; Apr. 24.
Dollahite, Marlin E.: *See*—
Weeth, W. W. and E., and Dollahite.
Dollinger Corporation: *See*—
Dollinger, Lewis L., assignor.
Dollinger, Lewis L., assignor to Dollinger Corporation, Rochester, N. Y. Flow indicator. 2,389,603; Nov. 27.
Dolly Toy Company, The: *See*—
Holtvoigt, John H., assignor.
Doman, Carl T., Geddes, assignor to Aircooled Motors Corporation, Syracuse, N. Y. Lubricating system for internal-combustion engines. 2,366,701; Jan. 9.
Doman, Carl T., Geddes, assignor to Aircooled Motors Corporation, Syracuse, N. Y. Valve lubricating system for internal-combustion engines. 2,381,339; Aug. 7.
Dombrow, Bernard A., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Treatment of fat-soluble vitamin-containing materials. 2,380,418; July 31.
Dome Chemicals Incorporated: *See*—
Wershaw, Irving B., assignor.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Thermionic amplifier. 2,368,454; Jan. 30.
Domestic Egg Products Inc.: *See*—
Pollak, Frederick F., assignor.

Dominick, Theodore W., U. S. Navy. Relief map base. 2,386,199; Oct. 9.
Dominion Diamond Cutting Company: *See*—
Nunes-Vas, Jacobus, assignor.
Dominion Electrical Manufacturing, Inc.: *See*—
Jordan, Richard H., assignor.
Dominion Engineering Works Limited: *See*—
Malkin, Bernard A., assignor.
Welsford, H. G., and Muir, assignors.
Dominion Foundries & Steel Employees' Savings and Profit Sharing Fund: *See*—
Sherman, Clifton W.
Dominion Foundries & Steel Limited, et al.: *See*—
Sherman, Clifton W., assignor.
Dominion Hoist & Shovel Company Limited: *See*—
Nix, Edmund A., assignor.
Dominion Magnesium Limited: *See*—
Breyer, Frank G., assignor.
Pidgeon, Lloyd M., assignor.
Whiton, L. V., and Weld, assignors.
Dominion Minerals, Incorporated: *See*—
Brenner, Ralph E., assignor.
Dominion Tar & Chemical Company Limited: *See*—
Sturrock, M. G., and Lawe, assignors.
Dominion Textile Company Limited: *See*—
Kershaw, J. G., and Fisher, assignors.
Domler, Charles A., assignor to The Hadley Company, Inc., Providence, R. I. Clasp. 2,369,724; Feb. 20.
Donachie, Matthew J., Holyoke, Mass., assignor to The Beryllium Corporation, New York, N. Y. Surface hardening beryllium copper alloys and articles comprised thereof. 2,380,506; July 31.
Donahue, John E.: *See*—
Smith, B. I., and Donahue.
Donahue, John E., Elizabeth, N. J., assignor to Standard Oil Development Company. Furnace tube plate design. 2,370,782; Mar. 6.
Donahue, Leo: *See*—
MacFarlane, John D., assignor.
Donal, John S., Jr., Summit, N. J., assignor to Radio Corporation of America. Electron discharge device and manufacture. 2,366,319; Jan. 2.
Donald, Forrest V., assignor to Simplicity Manufacturing Company, Port Washington, Wis. Tractor for garden cultivators and other implements. 2,368,290; Jan. 30.
Donaldson, Malcolm G., Okeechobee, Fla. Paper picker. 2,367,105; Jan. 9.
Donaldson, Paul H., Arlington, Mass. Photographic process. 2,377,292; May 29.
Donarico, Lorenze: *See*—
Hickey, Rowena C., assignor.
Donath, George A., Los Angeles, Calif. Grid pasting machine. 2,382,367; Aug. 14.
Dondero, John A., Brooklyn, N. Y. Inking utensil. 2,378,132; June 12.
Dondero, John A., Brooklyn, N. Y. Badge. 2,388,728; Nov. 13.
Dondero, John A., Brooklyn, N. Y. Ink pad and spreader assembly. 2,388,729; Nov. 13.
Donegan, William E., Livingston, assignor to Certified Tool & Die Co., Cranford, N. J. Receptacle. 2,369,341; Feb. 13.
Donelian, Khatchik O.: *See*—
Evans, F. C., and Donelian.
Donelson, William W., Boston, and J. W. Downey, Newton Center, assignors to The Federal Flooring Corporation, Boston, Mass. Sparkproof flooring. 2,378,623; June 19.
Doney, William A.: *See*—
Martine-Lally, L. A., Doney and Ditto.
Donlan, Theodore R., Union, assignor, by mesne assignments, to Standard Alcohol Company, Linden, N. J. Hydraulic media for low temperature operation. 2,379,792; July 3.
Donlan, Theodore R., Union, N. J., assignor to Standard Oil Development Company. Hydraulic media. 2,382,698; Aug. 14.
Donlan, Theodore R., Union, and A. Gathman, Elizabeth, N. J., assignors to Standard Oil Development Company. Oil solubilizing compositions. 2,391,087; Dec. 18.
Donley, Hugh L., Collingswood, N. J., assignor to Radio Corporation of America. Magnetic frequency converter. 2,370,720; Mar. 6.
Donley, Hugh L., Collingswood, N. J., assignor to Radio Corporation of America. Oscillator tuning system. 2,382,615; Aug. 14.
Donnellan, Maurice L., Ypsilanti, Mich. Aeronautical take-off gear. 2,366,892: Jan. 9.
Donnelly, Charles A.: *See*—
Barnum, L. N., Donnelly, and Maple.
Donnelly, Frank P., Alderson, Pa. Corn protector shield. 2,389,032; Nov. 13.
Donnelly, James, assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,368,810: Feb. 6.
Donnelly, James A., Largent, W. Va. Smoking pipe and making same. 2,373,296; Apr. 10.
Donnelly, John C., Greenwich, Conn., assignor to Maguire Industries, Incorporated. Processing foods. 2,382,780; Aug. 14.
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,373,232; Apr. 10.
Donnelly, Thomas S., Jr., assignor to Bordon Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,387,888; Oct. 30.
Donovan, Edward F., assignor to Cappel, MacDonald and Company, Dayton, Ohio. Walking push toy. 2,378,289; June 12.
Donovan, Thomas S.: *See*—
Bean, F. R., and Donovan.
Dons, Eddie M. and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating wax and oil. 2,370,453; Feb. 27.
Dons, Eddie M. and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Apparatus for separating wax and oil. 2,370,454; Feb. 27.
Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Extracting constituents of mineral oils. 2,390,429; Dec. 4.
Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Apparatus for extracting constituents of mineral oils. 2,390,430; Dec. 4.
Doolan, Leonard W., Jr.: *See*—
Stanfield, R. S., and Doolan.
Doolittle, Arthur K.: *See*—
Quarles, R. W., and Doolittle.
Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Forming composite materials. 2,391,619; Dec. 25.
Doom, Ernest F., New Rochelle, N. Y., assignor to Electro Metallurgical Company. Production of alloy steel. 2,375,291; May 8.
Doose, Gabriel H. W., New Orleans, La. Catamaran type life raft. 2,377,215; May 29.
Doran Brothers, Incorporated: *See*—
Schultze, Paul, assignor.
Doran, Homer M., M. A. Jackson, and A. I. Alf, Great Falls, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Recovery of indium. 2,384,610; Sept. 11.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Hydraulic torque transmission arrangement. 2,370,526; Feb. 27.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Hydraulic torque transmission arrangement. 2,374,588; Apr. 24.
Dorau, Conrad O., assignor to The New Britain Spring Company, New Britain, Conn. Hair spring container. 2,375,088; May 1.
Dorer, Herbert H.: *See*—
Hermann, S., Hahn, and Dorer.
Dorfan, Morton I., Pittsburgh, Pa. Flue gas scrubber. 2,380,826; July 31.
Dorfman, Hiller D.: *See*—
Dyer, L. W., and Dorfman.
Dorfman, Hiller D., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Enclosed circuit breaker. 2,383,296; Aug. 21.
Dorfman, Leo O., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding system. 2,387,889; Oct. 30.
Dorfman, Leslie: *See*—
Bouwer, A. B., and Dorfman.
Dorfman, Robert I., New York, N. Y. Game apparatus. 2,375,292; May 8.
Doriat, Martin: *See*—
Berg, H., and Doriat.
D'Orio, Pat A., Oak Park, and J. W. Huff, Elmwood Park, assignors, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Radio receiving system. 2,390,209; Dec. 4.
Dorland, Rodger M., and R. M. Boehm, assignors to Masonite Corporation, Laurel, Miss. Etherification of lignins and lignin-like material. 2,379,889; July 10.
Dorland, Rodger M., and R. M. Boehm, assignors to Masonite Corporation, Laurel, Miss. Esterification of lignins and lignin-like material. 2,379,890; July 10.
Dorman, Alfred A.: *See*—
Akins, Jake, assignor.
Dorman, Edgar P., assignor to The United Glass Bottle Manufacturers Limited, London, England. Profiling machine. 2,390,828; Dec. 11.
Dorman, Jack R., Cincinnati, Ohio. Coupling for tubing. 2,366,444; Jan. 2.
Dormeyer, A. F., Mfg. Co.: *See*—
Setterlund, Sidney N., assignor.
Strauss, H. M. A., and Harbaugh, assignors.
Strauss, A., Feltman, Hunt, and Harbaugh, assignors.
Dormeyer Corporation: *See*—
Kennedy, Verne C., assignor.
Dorothea, Gale, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article inspecting machine. 2,383,297; Aug. 21.
Dorough, George L.: *See*—
Arnold, H. W., and Dorough.
Dorough, George L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric material obtained by polymerizing a mixture of a conjugated diene and a cyclic imide of an olefinic dicarboxylic acid. 2,384,239; Sept. 4.
Dorough, George L., Niagara Falls, N. Y., and D. M. McQueen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Processes of color photography. 2,380,032; July 10.

Dorough, George L., Niagara Falls, N. Y., and D. M. McQueen, Newark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic elements containing polyvinyl acetal color formers. 2,380,033; July 10.
Dorr Company, The: *See*—
Clemens, Robert F., assignor.
Geissler, William E., assignor.
Haagensen, Edward A., assignor.
Rawlings, Franklin N., assignor.
Rawlings, F. N., and De Geofroy, assignors.
Reybold, D. C., and Fischer, assignors.
Shafor, Ralph W., assignor.
Thompson, R. B., and Roberts, assignors.
Weber, William C., assignor.
Dorrell, Robert F., assignor of fifty per cent to W. C. Dvorak, Chicago, Ill. Bottle filler and capper machine. 2,383,781; Aug. 28.
D'Orsay, Marcelle, New York, N. Y. Nose guard for eyeglasses. 2,390,523; Dec. 11.
Dorsett, William C., C. C. Sperling, and O. C. Walker, assignors to Petroleum Conversion Corporation, Elizabeth, N. J. Cracking petroleum. 2,378,067; June 12.
Dorsman, Cornelis, Eindhoven, Netherlands; vested in the Alien Property Custodian. Device for measuring low direct voltages. 2,372,062; Mar. 20.
Dort, Russell L.: *See*—
Hayes, J. B., and Dort.
Dortort, Isadore K., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,373,297; Apr. 10.
Doschek, Antony, Crafton, Pa. Method of and means for identifying metals. 2,366,844; Jan. 9.
Doss, A. K., et al.: *See*—
Compton, Henry P., assignor.
Doss, Jerome E., Tampa, Fla. Striper. 2,369,342; Feb. 13.
Dosser, Robert C: *See*—
Britton, J. W., and Dosser.
Dostal, James J., Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Machine tool. 2,372,818; Apr. 3.
Doster, Howard G., assignor to The Ohio Injector Company, Wadsworth, Ohio. Valve. 2,373,020; Apr. 3.
Doty, Boyd A., assignor to Hard Manufacturing Company, Buffalo, N. Y. Over-bed table. 2,368,748; Feb. 6.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record controlled tape perforator with manually controlled tape perforating operations. 2,372,887; Apr. 3.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Tape controlled card punching machine. 2,375,293; May 8.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,377,766; June 5.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record punching machine. 2,390,486; Dec. 4.
Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Record controlled tape punching machine. 2,391,773; Dec. 25.
Doucet, Edward J., assignor to Detroit Lubricator Company, Detroit, Mich. Fuel burner control means. 2,379,565; July 3.
Doughboy Machines, Inc.: *See*—
Humphrey, James M., assignor.
Dougherty, Charles A., Wilmington, Del. Vehicle rack. 2,370,019; Feb. 20.
Dougherty, Gregg, Princeton, and R. H. Barth, Ridgewood, N. J., assignors, by mesne assignments, to Heyden Chemical Corporation. Derivatives of benzyl sulphonic acids. 2,373,298; Apr. 10.
Dougherty, Gregg, Princeton, and R. H. Barth, Ridgewood, N. J., assignors to Heyden Chemical Corporation, New York, N. Y. Nitrogen derivatives of benzyl sulphonic acids. 2,373,299; Apr. 10.
Dougherty, Lemuel E., Fairhope, Ala. Hydraulic remote control system. 2,372,188; Mar. 27.
Dougherty, Lemuel E., Fairhope, Ala. Hydraulic remote control system. 2,372,189; Mar. 27.
Dougherty, Lemuel E., Miami, Fla. Hydraulic remote control system. 2,389,962; Nov. 27.
Dougherty, Lemuel E., Miami, Fla. Hydraulic remote control system. 2,389,963; Nov. 27.
Dougherty, Patrick F.: *See*—
Barton, P. D., and Dougherty.
Doughty, Samuel C., Perkasie, Pa. Pattern chain for knitting machines and the like. 2,388,311; Nov. 6.
Douglas Aircraft Company: *See*—
Del Mar, B. E., and Van Dyke, assignors.
Eckhardt, F. F., Pearson, and Albertine, assignors.
Heinemann, E. H., and Dennis, assignors.
Kleinhans, E. S., and Reaser, assignors.
Milburn, P. W., and Adamson, assignors.
Phillips, S. H., and Wisberg, assignors.
Douglas Aircraft Company, Inc.: *See*—
Boyd, Leo B., assignor.
Bronson, George A., assignor.
Burton, Edward F., and Rogers, assignors.
Burton, E. F., Adams, and Wheelon, assignors.
Butrovich, G. W., and Deardorff, assignors.
Klemperer, W. B., and Goldberg, assignors.
Klemperer, W. G., and Tharratt, assignors.
Douglas Aircraft Company, Inc.: *See*—Continued
Lehmeier, Carl F., assignor.
Milburn, P. W., and Adamson, assignors.
Ostergren, Ralph H., assignor.
Powers, Marvin A., assignor.
Rechton, G. D., Ward, and Watson, assignors
Van Dyke, William D., assignor.
Douglas, Bradley C., Clayton, assignor to American Stove Company, St. Louis, Mo. Electric ignition system for gaseous fuel burners. 2,388,909; Nov. 13.
Douglas, George A.: *See*—
Campbell, J. S., Brown, and Douglas.
Douglas, H. A., Mfg. Co.: *See*—
Beal, Fay, assignor.
Bolley, Herschel C., assignor.
Bolley, H. C., and Johnson.
Drury, Thomas W., assignor.
Johnson, Elmer E., assignor.
Douglas, Harry A., Bronson, Mich. Airplane. 2,369,820; Feb. 20.
Douglas, Louis M.: *See*—
Cook, S. S., and Douglas.
Signer, J. U., and Douglas.
Douglas, Raymond M., Alpena, Mich., and R. S. Huyck, assignors to Bendix Aviation Corporation, South Bend Ind. Piston. 2,386,668; Oct. 9.
Douglass, Edward R., Eckman, N. Dak. Geometrical instrument. 2,382,618; Aug. 14.
Douglass, Kingman, Lake Forest, and C. R. Moline, Homewood, Ill., assignors to Allied Railway Equipment Company, Railway truck. 2,389,614; Nov. 27.
Douglass, Myrl R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,373,465; Apr. 10.
Doumani, Thomas F., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Separation of sulphur dioxide from gases. 2,370,020; Feb. 20.
Dour, Nicholas F., Chicago, and V. R. Stenger, Hinsdale, Ill. Reel construction. 2,391,141; Dec. 18.
Douslin, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Liquefied gas expander. 2,379,953; July 10.
Douslin, Donald R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Automatic pressure control for low-temperature, low-pressure factionating columns. 2,388,312; Nov. 6.
Douslin, Donald R., Bartlesville, Okla., and C. F. Weinaug, Phillips, Tex., assignors to Phillips Petroleum Company. Furfural purification. 2,388,834; Nov. 13.
Douthett, Orin R., Brooklyn, N. Y., assignor to Barber Asphalt Corporation, Barber, N. J. Rigid foam. 2,384,611; Sept. 11.
Douthitt, Frank W., assignor of one-half to M. V. Douthitt, Big Stone City, S. Dak., and one-half to M. V. Kraus, Le Center, Minn. Fertilizer distributor. 2,371,958; Mar. 20.
Douthitt, Maurice V., et al: *See*—
Douthitt, Frank W., assignor.
Douty, Alfred, Elkins Park, and F. B. Freese, Lansdale, assignors to American Chemical Paint Company, Ambler, Pa. Paint. 2,385,800; Oct. 2.
D'Ouville, Edmond L.: *See*—
Shoemaker, B. H., and D'Ouville.
D'Ouville, Edmond L., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Conversion of butanes into high antiknock motor fuel. 2,369,444; Feb. 13.
D'Ouville, Edmond L., and A. G. Oblad, assignors to Standard Oil Company, Chicago, Ill. Butadiene production by the pyrolysis of diisopropyl. 2,376,961; May 29.
D'Ouville, Edmond L., and B. L. Evering, assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,381,439; Aug. 7.
Doux, Alfredo W., New York, N. Y. Combined suitcase, head and back rest. 2,373,106; Apr. 10.
Dove, Thomas, Jr., Pottsville, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Lowering device for large cartridges. 2,387,701; Oct. 23.
Dow, Bernard H.: *See*—
Deschamps, D. J., Dow, and Clarke.
Dow Chemical Company, The: *See*—
Amos, James L., assignor.
Amos, J. L., and Soderquist, assignors.
Ansel, Gerhard, assignor.
Bakarian, Puzant W., assignor.
Ballman, Donald K., assignor.
Bass, S. L., Rauner, and Lipke, assignors.
Bass, S. L., Upright, and Dennett, assignors.
Boulton, H. L., and Savage, assignors.
Bradshaw, Russell R., assignor.
Britton, Edgar C., assignor.
Britton, E. C., and Hansen, assignors.
Britton, E. C., and Harding, assignors.
Britton, E. C., and Le Fevre, assignors.
Britton, E. C., and Moll, assignors.
Britton, E. C., and Monroe, assignors.
Britton, E. C., and Slagh, assignors.
Britton, E. C., Coleman, and Schroeder, assignors.
Britton, E. C., Moyle, and Bryner, assignors.
Britton, E. C., Nutting, and Huscher, assignors.
Britton, J. W., and Dosser, assignors.
Brown, T. E., and Davis, assignors.

Dow Chemical Company, The: *See*—Continued
Bryant, Charles M., assignor.
Busk, Robert S., assignor.
Chamberlain, Leonard C., assignor.
Chisholm, Douglas S., assignor.
Coleman, Gerald H., assignor.
Coleman, G. H., and Griess, assignors.
Coleman, G. H., and Smith, assignors.
Coleman, G. H., Schroeder, and Griess, assignors.
Collings, W. R., Freeman, Roberts, and Hisey, assignors.
Davidson, John H., assignor.
Diehl, H. A., and McDonald, assignors.
Dreisbach, Robert R., assignor.
Dreisbach, R. R., and Heusted, assignors.
Dulmage, F. C., Jr., and Kauppi, assignors.
Freeman, R. D., and Schmelter, assignors.
Goggin, W. C., Matheson, and Hanson, assignors.
Grebe, J. J., and Bauman, assignors.
Grebe, J. J., Bauman, and Robinson, assignors.
Gregg, Charles L., assignor.
Griswold, Thomas, Jr., assignor.
Gunn, George F., assignor.
Guss, C. O., and Amidon, assignors.
Hanawalt, Joseph D., assignor.
Hanawalt, J. D., and Hess, assignors.
Hanson, Alden W., assignor.
Hanson, A. W., and Goggin, assignors.
Hebbard, George M., assignor.
Hooker, G. W., and Landee, assignors.
Hooker, G. W., and Stowe, assignors.
Hooker, G. W., Drake, and Stowe, assignors.
Hooker, G. W., Stowe, and Drake, assignors.
Hunter, Melvin J., assignor.
Hunter, M. J., and Kropscott, assignors.
Keller, Cornelius H., assignor.
Kirk, Roy C., assignor.
Kirk, R. C., Nelson, and McConica, assignors.
Lamb, N., and Mast, assignors.
Lawrence, A. A., and Bass, assignors.
Lehnhard, Philip J., Jr., assignor.
Livak, John E., assignor.
Logan, C. E., Dowling, and Hartung, assignors.
Loose, William S., assignor.
Lynn, G. E., and Fletcher, assignors.
Lynn, G. E., and Thiegs, assignors.
Matheson, Lorne A., assignor.
McConica, Thomas H., III, assignor.
McConica, T. H., III, MacPhail, and Kirk, assignors.
McDonald, John C., assignor.
Moyle, Clarence L., assignor.
Nelson, C. E., and Holdeman, assignors.
Nutting, H. S., and Horsley, assignors.
Ohlman, Edward O., assignor.
Perkins, Ralph P., assignor.
Peterson, Norman R., assignor.
Poffenberger, N., and Holmes, assignors.
Reid, James B., assignor.
Robbins, William B., assignor.
Robinson, Harold A., assignor.
Schambra, W. P., and Shigley, assignors.
Schmidt, Herbert W., assignor.
Shigley, Claire M., assignor.
Slagh, Harold R., assignor.
Slansky, Cyril M., assignor.
Smith, Frank B., assignor.
Smith, F. B., and Hansen, assignors.
Stalker, Edward A., assignor.
Stowe, Stephen C., assignor.
Wenck, Peter R., assignor.
Wiley, Ralph M., assignor.
Wright, Norman, assignor.

Dow Company, The: *See*—
Kelly, E. M., Kivari, Kite, Roberts, and Sutherland, assignors.

Dow, Orville E., and H. E. Goldstine, Port Jefferson, N. Y., assignors to Radio Corporation of America. High-frequency coupling circuit. 2,373,233; Apr. 10.

Dow, Raymond, Flushing, N. Y. Typewriter attachment. 2,369,445; Feb. 13.

Dow, Walter K., Baltimore, Md. Safety shutoff valve and system. 2,372,190; Mar. 27.

Dowd, Archie J., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding apparatus. 2,367,489; Jan. 16.

Dowd, Archie J., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributor mechanism. 2,371,034; Mar. 6.

Dowd, Charles G., Fetters Hot Springs, Calif. Paper currency. 2,384,667; Sept. 11.

Dowd, Raymond E., Chicago, Ill. Quick-release harness construction. 2,372,557; Mar. 27.

Dowd, Raymond E., Chicago, Ill. Safety belt. 2,372,558; Mar. 27.

Dowding, Leonard F., Eastchester, assignor to The Texas Company, New York, N. Y. Temperature control for hydrocarbon oil processing. 2,389,604; Nov. 27.

Dower, David W., Burlingame, and A. W. Clark, Albany, Calif., assignors to The Union Switch and Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,370,620; Mar. 6.

Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,374,082; Apr. 17.

Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,388,313; Nov. 6.

Dowey, Thomas L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,389,247; Nov. 20.

Dowling, Dudley R., Graceville, near Brisbane, assignor of one-third to F. Z. Eager, and one-third to J. Kelly, Brisbane, Queensland, Australia. Rotary pump. 2,384,286; Sept. 4.

Dowling, Juliet, Fulton County, Ga. Novelty device. 2,378,755; June 19.

Dowling, Martin C.: *See*—
Logan, C. E., Dowling, and Hartung.

Dowling, Philip H., Forest Hills, and H. L. Taylor, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrolytic method of preparing electrical rectifiers. 2,368,749; Feb. 6.

Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder. 2,383,241; Aug. 21.

Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder release means. 2,383,242; Aug. 21.

Down, Sidney G., Edgewood, and C. C. Farmer, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,374,002; Apr. 17.

Down, Sidney G., Edgewood, and C. C. Farmer, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,379,285; June 26.

Downer, Gerald W., deceased, by H. E. Murphy, administrator, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Ammunition feed device. 2,388,958; Nov. 13.

Downes, Daniel T., Creighton, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Container for corrosive liquids and other substances. 2,384,084; Sept. 4.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Fuel drain valve. 2,368,120; Jan. 30.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Electrically operated cutoff valve. 2,370,021; Feb. 20.

Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Cylindrical valve assembly. 2,375,633; May 8.

Downey, John W.: *See*—
Donelson, W. W., and Downey.

Downey, Paul M., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Thermoplastic compositions. 2,387,502; Oct. 23.

Downey, Reginald L., Scotia, N. Y., assignor to General Electric Company. Oscillator circuit. 2,369,953; Feb. 20.

Downey, Reginald L., Scotia, N. Y., assignor to General Electric Company. Crystal oscillator circuit. 2,369,954; Feb. 20.

Downing Box Company: *See*—
Richards, J. R., and Evert, assignors.

Downing, Francis B., Kansas City, Mo. Flattening appliance for disk records. 2,388,127; Oct. 30.

Downing, Frederick B., and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of petroleum hydrocarbons. 2,373,021; Apr. 3.

Downing, Frederick B., Penns Grove, N. J., and H. M. Fitch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,382,781; Aug. 14.

Downing, Frederick B., Carneys Point, A. F. Benning, and R. C. McHarness, Woodstown, N. J., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Octafluorocyclobutane and pyrolytic process for its production. 2,384,821; Sept. 18.

Downing, Frederick B., Carneys Point, A. F. Benning, Woodstown, and R. C. McHarness, Carneys Point, N. J., assignors to Kinetic Chemicals, Inc., Wilmington, Del. Composition of matter and pyrolytic methods of synthesizing them. 2,387,247; Oct. 23.

Downing, James R. O., assignor to National Research Corporation, Boston, Mass. Diffusion pump. 2,386,299; Oct. 9.

Downing, James R. O., and W. B. Humes, assignors to National Research Corporation, Boston, Mass. Diffusion pump. 2,386,298; Oct. 9.

Downing, Joseph M.: *See*—
Volkman, Charles, assignor.

Downs, Austin H., Glen Ridge, N. J., assignor, by mesne assignments, to R. F. Alder, Philadelphia, Pa. Multiple spraying device. 2,380,827; July 31.

Downs, Charles D., Woodbury, and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Pigments and making the same. 2,386,885; Oct. 16.

Downsbrough, George A.: *See*—
Coss, H. T., Pearce, and Downsbrough.

Dowty Equipment Limited: *See*—
Bound, Rowland H., assignor.
MacKenzie, Donald, assignor.
Snarey, George N., assignor.
Underwood, Cyril J., assignor.

Doyle, Frank B., Phillipsburg, N. J., E. H. Markley, Easton, Pa., and J. F. Plummer, Jr., Phillipsburg, N. J., assignors to Ingersoll-Rand Company, New York, N. Y. Apparatus for dehydration. 2,370,295; Feb. 27.

Doyle, Irving W., Massapequa, N. Y., assignor to Fairchild Camera and Instrument Corporation. Camera magazine. 2,380,034; July 10.

Doyle, Thomas F., Nogales, Ariz. Protective device for severed horns. 2,369,219; Feb. 13.

Doyon, Joseph S., et al.: *See*—
Karow, George A.

Drab, Joseph M., North Royalton, Ohio. Storm window. 2,388,044; Oct. 30.

Drackett Company, The: *See*—
Fiedler, Stuart O., assignor.
Gangloff, Wilmer C., assignor.
Gangloff, W. C., and Fiedler, assignors.

Draim, Samuel F., Pascagoula, Miss. Lawn mower. 2,385,568; Sept. 25.

Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Internal screw thread lapping machine. 2,379,693; July 3.

Drake, Bernard: *See*—
Paddle, L. H., and Drake.

Drake, Bernard, Bromley, England. Electric frequency dividing system. 2,383,177; Aug. 21.

Drake, Charles E., Bloomfield, N. J., assignor to United States Rubber Company, New York, N. Y. Abrasive articles. 2,381,266; Aug. 7.

Drake, Charles E., Bloomfield, N. J., assignor to United States Rubber Company, New York, N. Y. Abrasive articles. 2,381,267; Aug. 7.

Drake, Earl D., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,386,387; Oct. 9.

Drake, Edward P.: *See*—
Ryan, C. D., and Drake.

Drake, Emma C., et al.: *See*—
Mallonee, James W., assignor.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Governor. 2,371,157; Mar. 13.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Reversible magnetic gearing. 2,373,663; Apr. 17.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Governor adjusting mechanism. 2,374,083; Apr. 17.

Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Method and apparatus for producing alternating current of precisely controlled frequency. 2,376,421; May 22.

Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Rail flaw detector mechanism. 2,367,848; Jan. 23.

Drake, Harcourt C., Hempstead, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Rail flow detector mechanism. 2,390,783; Dec. 11.

Drake, Jerry H., assignor to H. M. Herbener, Thomasville, Ga. Toolholder. 2,391,142; Dec. 18.

Drake, John L.: *See*—
Paddock, O. H., and Drake.

Drake, Leonard C., Wenonah, and L. P. Evans, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Preparing oxide gels. 2,378,290; June 12.

Drake, Leonard C., Wenonah, and J. Herman and E. T. Scafe, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Restoration of catalysts. 2,380,731; July 31.

Drake, Lewis R.: *See*—
Hooker, G. W., Drake, and Stowe.
Hooker, G. W., Stowe, and Drake.

Drake, Russell P., Caledonia, assignor to Barber-Colman Company, Rockford, Ill. Drop wire compressor for warp drawing machines. 2,386,600; Oct. 9.

Drane, Phillips B., Tulsa, Okla. Turret attachment for drill presses. 2,368,009; Jan. 23.

Drane, Phillips B., Tulsa, Okla. Gasket for pressure relief disk valves. 2,386,940; Oct. 16.

Drane, Phillips B., Tulsa, Okla. Diaphragm operated valve. 2,389,720; Nov. 27.

Drapeau, Joseph E., Jr.: *See*—
Burruss, D. N., Jr., and Drapeau.

Drapeau, Joseph E., Jr., Calumet City, Ill., assignor to The Glidden Company, Cleveland, Ohio. High density compressible iron powder and process. 2,381,440; Aug. 7.

Draper Corporation: *See*—
Allen, J. G., and Villani, assignors.
Brown, Carl D., assignor.
Hamilton, Wallace, assignor.
Maurer, Albert, assignor.
Nichols, Edward C., assignor.
Shoesmith, Albert, assignor.
Tuten, James M., assignor.

Draper, Frederick C., Chipping Sodbury, assignor to Parnall Aircraft Limited, The Aerodrome, Yate, near Bristol, England. Appliance for bending tubing. 2,372,063; Mar. 20.

Dravo Corporation: *See*—
Dawson, Albert J., assignor.
Henderson, D., Rush, and Anderson, assignors.

Dray, Sheldon: *See*—
Marisic, M. M., and Dray.

Dray, Walter R., Kendall Township, Kendall County, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester thresher. 2,377,331; June 5.

Dray, Walter R., Yorkville, Ill. Thresher machine. 2,383,911; Aug. 28.

Drayer & Hanson, Incorporated: *See*—
Clancy, Gilbert E., assignor.

Drda, Alois P., Medina, assignor to The Midland Steel Products Company, Cleveland, Ohio. Metallic arc welding. 2,372,261; Mar. 27.

Drebes, Fred C., assignor to Boynton & Company, Chicago, Ill. Follower for file drawers. 2,367,849; Jan. 23.

Dreger, Emil E., Summit, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,596; Aug. 28.

Dreger, Emil E., Summit, N. J., and A. C. Bell, Jackson Heights, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent bars or cakes. 2,385,614; Sept. 25.

Dreher, George M., Grosse Pointe Woods, Mich. Combustion apparatus. 2,382,301; Aug. 14.

Dreier, Victor G., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,377,926; June 12.

Dreifke, Raymond F., St. Louis, Mo., assignor to Curtiss-Wright Corporation. Landing gear lock. 2,385,063; Sept. 18.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Abrasion-resistant synthetic rubber. 2,374,589; Apr. 24.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Production of rubberlike copolymers of diolefins and unsaturated ketones. 2,383,782; Aug. 28.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Co-polymerization products and making same. 2,385,695; Sept. 25.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of divinyl-benzene compounds from corresponding ethylated benzene compounds. 2,385,696; Sept. 25.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Rubberlike copolymers and making same. 2,386,447; Oct. 9.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Production of synthetic rubbers. 2,386,448; Oct. 9.

Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Recovery of rubberlike products from emulsion. 2,386,449; Oct. 9.

Dreisbach, Robert R., and G. B. Heusted, assignors to The Dow Chemical Company, Midland, Mich. Production of unsaturated ketones. 2,380,828; July 31.

Drennan, Harry E.: *See*—
Schulze, W. A., Hillyer, and Drennan.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,371,809; Mar. 20.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of diolefins. 2,386,200; Oct. 9.

Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polymerization catalyst. 2,387,318; Oct. 23.

Drennan, Harry E., and W. A. Schulze, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treating hydrocarbons. 2,386,300; Oct. 9.

Drescher, Ernest W.: *See*—
Bennett, W. O., Jr., and Drescher.

Drescher, Ernest W., assignor to Hamilton Watch Company, Lancaster, Pa. Watch. 2,372,771; Apr. 3.

Dresser Industries, Inc.: *See*—
Baxter, Ernest W., assignor.
Newell, Frederick T., assignor.

Dresser, Myron A., Mamaroneck, N. Y., assignor to Standard Oil Development Company. Photogrammetry. 2,367,341; Jan. 16.

Dressler, Russell G., and R. E. Vivian, Los Angeles, Calif. Hydrogenation of tall oil. 2,369,446; Feb. 13.

Dressler, Russell G., Nutley, N. J., R. E. Vivian, Los Angeles, Calif., and T. Hasselstrom, Savannah, Ga. Obtaining stable products from tall oil. 2,371,230; Mar. 13.

Drew, John, Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Regeneration of nickel alloy catalysts. 2,388,959; Nov. 13.

Drew, Raymond L., Arlington, N. J., assignor to American Dyewood Company, New York, N. Y. Recovering hematoxylin. 2,369,343; Feb. 13.

Drewitt, James G. N.: *See*—
Dreyfus, H., and Drewitt.

Drewitt, James G. N., London, W. 1, assignor to British Celanese Limited, London, England. Oxidation of organic compounds. 2,389,187; Nov. 20.

Dreyer, John F., Cincinnati, Ohio, assignor to The Formica Insulation Company. Fluorescent sulphide pigment composition. 2,385,615; Sept. 25.

Dreyfus, Camille, New York, N. Y. Textile process. 2,366,241; Jan. 2.

Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Extruding fused thermoplastic compositions. 2,370,721; Mar. 6.

Dreyfus, Henry, London, England. Production of cellulose dreivatives. 2,376,422; May 22.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of cellulose derivatives. 2,380,157; July 10.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Anthraquinone dyestuffs. 2,381,971; Aug. 14.
Dreyfus, Henry, London, England. Production of ethyl cellulose. 2,381,972; Aug. 14.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Process and apparatus for the production of plastic sheet material. 2,383,047; Aug. 21.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of organic compounds. 2,387,723; Oct. 30.
Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of polyhydric alcohols. 2,389,347; Nov. 20.
Dreyfus, Henry, London, D. Finlayson, and W. I. Taylor, Spondon near Derby, England, assignors to Celanese Corporation of America. Light structure. 2,377,846; June 5.
Dreyfus, Henry, and J. G. N. Drewitt; said Drewitt assignor to British Celanese Limited, London, England. Condensation of aldehydes with ketones. 2,378,988; June 26.
Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electric high-frequency generator. 2,369,287; Feb. 13.
Dreyfuss, Paul D., Hollywood, Calif., assignor to Chromogen, Incorporated. Light sensitive photographic materials. 2,368,647; Feb. 6.
Dreyling, Luella P., South River, N. J. Poultry litter. 2,376,672; May 22.
Dril-Tap Company: *See*—
Sohm, Alfred L., assignor.
Driscoll, Dennis L., South Gate, assignor to L. F. Baash, Los Angeles, Calif. Liner hanger. 2,373,880; Apr. 17.
Driscoll, Donald J.: *See*—
Burr, J. H., and Driscoll.
Driscoll, James, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacture of fibrocementitious sheets. 2,383,716; Aug. 28.
Driscoll, James, Plainfield, and E. J. Poltorak, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Packing. 2,376,039; May 15.
Driscoll, William F.: *See*—
Maloney, William J., assignor.
Drissner, Alfred E., and W. J. Hogg, assignors to The National Acme Company, Cleveland, Ohio. Stock stop for metalworking machines. 2,381,441; Aug. 7.
Dri-Steam Products, Inc.: *See*—
Wegmann, Adolph J., assignor.
Dritz, Arthur M., Brooklyn, N. Y. Toy bow and arrow. 2,370,783; Mar. 6.
Drmic, Stipan A., Watsonville, Calif. Gripping or cutting tool. 2,384,822; Sept. 18.
Drobish, Adolph E., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,386,545; Oct. 9.
Drobish, Adolph E., Oak Park, and R. A. Kay, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Device for testing electrical condensers. 2,390,784; Dec. 11.
Dronigke, Erich: *See*—
Schuler, H., Gruttner, and Dronigke.
Droski, Walter J., Grand Rapids, Mich. Safety delivery link slide. 2,385,064; Sept. 18.
Drott, Edward A., and J. H. Kerber, assignors to Hi-Way Service Corporation, Milwaukee, Wis. Industrial truck. 2,387,568; Oct. 23.
Drown, Lyle L., assignor to General Motors Corporation, Detroit, Mich. Nonoverfill device. 2,375,406; May 8.
Drown, William L., Paxton, Mass. Sensing mechanism. 2,367,568; Jan. 16.
Drucker, Albert, assignor to Burke & James, Inc., Chicago, Ill. Film developing reel. 2,369,220; Feb. 13.
Drucker, Samuel, assignor, to Burke & James, Inc., Chicago, Ill. Photographic devices and appurtenances for reproduction purposes. 2,388,394; Nov. 6.
Druey, Jean: *See*—
Hartmann, M., and Druey.
Hartmann, M., Cueni, Druey, and von Meyenburg.
Drum, Elmer E., Manitowoc, Wis. Electric lantern. 2,380,637; July 31.
Drum, Harry S., Abington, and A. Hopkins, assignors to Smith, Drum and Company, Philadelphia, Pa. Apparatus for processing wool and fibrous material. 2,368,916; Feb. 6.
Drumm, Elmer E., Manitowoc, Wis. Electric lantern. 2,380,636; July 31.
Drummond, Folsom E., Dayton, assignor to The Monarch Machine Tool Company, Sidney, Ohio. Flame hardening torch. 2,378,001; June 12.
Drummond, Folsom E., Metuchen, N. J., assignor to New Wrinkle, Inc., Wilmington, Del. Producing rapid drying coating compositions. 2,381,653; Aug. 7.
Drummond, Folsom E., and W. A. Waldie, assignors to New Wrinkle, Inc., Dayton, Ohio. Wrinkle finish drying compositions. 2,373,177; Apr. 10.
Drummond, Folsom E., Metuchen, N. J., and D. E. Bench, Dayton, Ohio, assignors to The Himmel Brothers Company, Hamdon, Conn. Electrolytic apparatus. 2,378,002; June 12.
Drummond, Robert S., Detroit, Mich. Herringbone gear finishing. 2,380,224; July 10.
Drury, Thomas W., Sturgis, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Junction block. 2,384,287; Sept. 4.
Dry, John D., New York, N. Y. Hospital bed. 2,369,447; Feb. 13.
Dryer, Charles G., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,391,399; Dec. 25.
Drying & Concentrating Company: *See*—
Hall, Joseph M., assignor.
Drysdale, Bob, Sunnyvale, Calif. Charge forming device. 2,386,388; Oct. 9.
Duane, John P., Wilmington, Del. Depilatory article of wearing apparel. 2,372,664; Apr. 3.
Dubassoff, Dmitri T., New York, N. Y. Structural beam. 2,380,953; Aug. 7.
Dubay, Frank X., Minneapolis, Minn. Fur cleaning apparatus. 2,384,458; Sept. 11.
Dubeau, Archie L.: *See*—
Vincent, G. P., and Dubeau.
Vincent, G. P., Dubeau, and Synam.
Dubeau, Archie L., Rumford, R. I., and J. D. MacMahon, Niagara Falls, and G. P. Vincent, Poughkeepsie, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Rayon bleaching and scouring treatment. 2,373,881; Apr. 17.
Dubied, Edouard, & Cie Societe Anonyme: *See*—
Diem, Hans, assignor.
Dubilier, William, New Rochelle, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Terminal construction. 2,374,084; Apr. 17.
Dubitsky, Jack: *See*—
Schutz, N. R., and Dubitsky.
Dubner, Harry J., Forest Hills, N. Y. Foundation garment. 2,381,442; Aug. 7.
Du Bois, Arthur E.: *See*—
Sydenham, H. G., Clowe, and Du Bois.
Du Bois, Joseph E., assignor of one-fifth to V. I. Du Bois, Detroit, Mich., one-fifth to L. T. Holzworth, North Tonawanda, one-fifth to R. C. Sterne, one-fifth to E. Silbert, and one-fifth to F. E. Taylor, Buffalo, N. Y. Eyeshield. 2,368,750; Feb. 6.
Du Bois, Virginia I., et al.: *See*—
Du Bois, Joseph E., assignor.
Du Bose, George P.: *See*—
Lea, H. V., Schmidt, and du Bose.
Du Bose, George P., et al.: *See*—
Lea, H. V., and Schmidt, assignors.
Du Brie, Stanley R., Ann Arbor, Mich. Furnace. 2,385,065; Sept. 18.
Dubsky, John R., Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation. Electrode cooler for electric arc furnaces. 2,389,033; Nov. 13.
Du Charme, William S., Lakewood, assignor to Superior Valve Manufacturing Company, Cleveland, Ohio. Valve. 2,368,206; Jan. 30.
Du Charme, William S., Lakewood, assignor to Superior Valve Manufacturing Company, Cleveland, Ohio. Faucet. 2,375,980; May 15.
Duchaussoy, Camille, Charenton, France; vested in the Alien Property Custodian. Mechanism for transmitting motion. 2,376,673; May 22.
Ducklo, Robert L., assignor, by mesne assignments, to Benjamin W. Freeman, Cincinnati, Ohio. Die. 2,367,490; Jan. 16.
Duckoff, Maxwell E., Manchester, N. H. Shoe binding. 2,377,216; May 29.
Duclos, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for charging extrusion presses. 2,368,751; Feb. 6.
Dudley, Adolphus M., Oakmont, assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Electric vibration generator. 2,384,987; Sept. 18.
Dudley, Harry J.: *See*—
Fox, A., and Dudley.
Dudley, J. K., Philadelphia, Pa. Shuttle. 2,381,042; Aug. 7.
Dudley, John K., Philadelphia, Pa. Warp regulator. 2,370,022; Feb. 20.
Dudley, John L., et al.: *See*—
Bauer, William J., assignor.
Duell, Charles H., Sharpsburg, Pa. Dispensing container. 2,378,003; June 12.
Duell, Edith B., Sharpsburg, Pa. Dispensing container. 2,378,004; June 12.
Duerkob, Manfred F., St. Louis, Mo., assignor to McGraw Electric Company, Elgin, Ill. Protector for electric circuits. 2,386,094; Oct. 2.
Duesel, Bernard F.: *See*—
Tisza, E. T., Duesel, and Oroshnik.
Dueweke, Florian G., Detroit, Mich. Awning. 2,380,928; Aug. 7.
Dufay-Chromex Limited: *See*—
Gluck, Bruno, assignor.
Duff, Robert H.: *See*—
Lamb, E. P., and Duff

Duff, T H, Plainview, Tex. Liquefied hydrocarbon gas storage and dispensing system. 2,371,231; Mar. 13.
Duffield, Norman H., and C. F. Jackson, assignors to Reynolds Spring Company, Jackson, Mich. Fire hose safety bracket. 2,371,959; Mar. 20.
Duffield, William A., Windsor, Ontario, assignor to Windfields Limited, Montreal, Quebec, Canada. Variable-speed transmission. 2,373,234; Apr. 10.
Duffin, Walter M.: *See*—
Brownlee, G., and Duffin.
Duffy, Charles H.: *See*—
Voogd, M., Caddy, and Duffy.
Duffy, Charles H., Washington, D. C. Mechanical movement. 2,373,107; Apr. 10.
Duffy Manufacturing Company: *See*—
Boersma, Reemer A., assignor.
Dugas, Joseph J., assignor to Higgins Industries, Inc., New Orleans, La. Transmission device. 2,389,490; Nov. 20.
Duggan, James E., Birmingham, Mich. Nut structure. 2,372,888; Apr. 3.
Duggan, James E., Birmingham, Mich. Self-locking nut structure. 2,372,889; Apr. 3.
Duggan, James E., Birmingham, Mich. Mask structure. 2,388,835; Nov. 13.
Duggan, James J., Charleston, W. Va. Combined flame arrester and vent valve. 2,388,395; Nov. 6.
Duis, Troy F., Streator, Ill. Receptacle and carrier. 2,368,752; Feb. 6.
Duke, Earl H., and J. L. Wait, Jr., Houston, Tex. Mechanism for accelerating the wheels of the landing gear of an airplane. 2,386,301; Oct. 9.
Duke, James B.: *See*—
Schilling, K. F., Cole, Duke, and Houston.
Duke, Sam, Chicago, Ill. Invalid walker. 2,374,182; Apr. 24.
Duke, Sam, Chicago, Ill. Folding table. 2,374,670; May 1.
Duke, Sam, Chicago, Ill. Folding wheel chair. 2,379,566; July 3.
Dukehart, Morton McI., Jr., New Rochelle, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container for sterile compresses. 2,391,301; Dec. 18.
Du Laney, George W., Camden, N. J. Wall construction. 2,387,431; Oct. 23.
Du Laney, George W., Camden, N. J. Structural wall section. 2,387,432; Oct. 23.
Dulken, Charles F.: *See*—
Kresse, H. E., and Dulken.
Dulken, Charles F., and H. E. Kresse, Arlington, N. J. Apparatus for treating thread. 2,368,648; Feb. 6.
Dulmage, Frederick C., Jr., and T. A. Kauppi, assignors to The Dow Chemical Company, Midland, Mich. Laminar structure. 2,378,291; June 12.
Du Mais, Leo J: *See*—
Heck, J. T. and Du Mais.
Du Mais, Leo J., assignor to Da-Lite Screen Company, Inc., Chicago, Ill. Portable picture screen. 2,370,235; Feb. 27.
Du Mais, Leo J., assignor to Da-Lite Screen Company, Inc., Chicago, Ill. Camera support. 2,370,611; Feb. 27.
Dumaw, Everett J., Pentwater, Mich. Ventilating window sash. 2,384,240; Sept. 4.
Dumelin, Charles, Detroit, Mich. Ankle coupling for artificial feet. 2,368,917; Feb. 6.
Dummett, William M.: *See*—
York, H. H., and Dummett.
Du Mont, Allen B., Laboratories, Inc.: *See*—
Beste, Harold E., assignor.
Campbell, Richard L., assignor.
Goldsmith, Thomas T., Jr., assignor.
Kessler, Robert E., assignor.
Koch, S. J., and Robillard, assignors.
Koch, S. J., and Rutherford, assignors.
Rutherford, Robert E., assignor.
Stanier, Andrew F., assignor.
Dumore Company, The: *See*—
Bluemink, G. G., and Nelson, assignors.
Nelson, J. H., and Servis, assignors.
Duncan, Abner D., Ponca City, Okla. Livestock feeding apparatus. 2,384,900; Sept. 18.
Duncan Electric Manufacturing Company: *See*—
Road, Richard A., assignor.
Duncan, Gordon W., Scotch Plains, N. J., assignor to Standard Oil Development Company. Slushing oil compositions. 2,382,699; Aug. 14.
Duncan, Walter E., Rosiclare, Ill., assignor to Mahoning Mining Company, Youngstown, Ohio. Reducing barite in fluorspar concentrate. 2,381,120; Aug. 7.
Duncan, William M., Alton, Ill. Stoker link and making the same. 2,370,236; Feb. 27.
Duncombe, George H., Jr.: *See*—
Austin, C. R., and Duncombe.
Dunham, Charles E., Los Angeles, Calif. Razor rack. 2,390,060; Dec. 4.
Dunham Company, The: *See*—
Kraus, Raymond M., assignor.
McVicar, Harold R., assignor.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,368,121; Jan. 30.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,368,122; Jan. 30.
Dunham, Elmer J., and K. E. Mulvany, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,381,729; Aug. 7.
Dunham, George S., Merion, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Conversion of hydrocarbons. 2,374,338; Apr. 24.
Dunham, George S., Merion, Pa., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for catalytic hydrocarbon conversion. 2,386,846; Oct. 16.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine control. 2,374,590; Apr. 24.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,380,732; July 31.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,383,783; Aug. 28.
Dunham, Le Roy S., East Orange, and H. M. Teague, Bloomfield, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Primary battery. 2,390,574; Dec. 11.
Dunipace, Donald W., Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transparent closure. 2,375,352; May 8.
Dunlap, Charles K., and L. B. Stogner, Hartsville, S. C., assignors to Sonoco Products Company. Cone marking machine and method. 2,387,248; Oct. 23.
Dunlap, Kermit S., Summit, G. A. Kelsall, Belleville, C. A. Lovell, Summit, N. J., and R. F. Mallina, Hastings on Hudson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,376,131; May 15.
Dunlap, Lawrence H., assignor to Armstrong Cork Company, Lancaster, Pa. Linoleum compositions. 2,382,212; Aug. 14.
Dunlap, Lawrence H., assignor to Armstrong Cork Company, Lancaster, Pa. Copolymerization of drying oils, and vinyl compounds. 2,382,213; Aug. 14.
Dunlap, Ralph L., and R. J. Schatz, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Abrasive articles. 2,389,491; Nov. 20.
Dunlay, Edward E.: *See*—
Franklin, L. U., and Dunlay.
Dunleavy, William J., East Douglas, assignor to Whitin Machine Works, Whitinsville, Mass. Clearer for roving or spinning frames. 2,382,214; Aug. 14.
Dunlop Rubber Company Limited: *See*—
Blanco, J. R., Neale, and Twiss, assignors.
Trevaskis, Henry, assignor.
Dunn, Clarence L.: *See*—
Pierotti, G. J., and Dunn.
Dunn, Ervin M., and J. C. Baucom, Concord, N. C. Knock-off motion for drawing machines. 2,384,417; Sept. 4.
Dunn, Floyd S., Greensburg, Mo. Hay stacker and loader. 2,367,932; Jan. 23.
Dunn, George E., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint. 2,370,023; Feb. 20.
Dunn, George E., assignor to Universal Products Company, Incorporated, Dearborn, Mich. Universal joint. 2,377,408; June 5.
Dunn, Guy A., Oakland, assignor to California Packing Corporation, San Francisco, Calif. Pear peeler stemming tube brake assembly. 2,380,954; Aug. 7.
Dunn, Joseph G., Arlington, Va. Quick releasing tricing block. 2,370,151; Feb. 27.
Dunn, Paul A., Jr., Kenmore, N. Y. Apparatus for jacking airplanes or the like. 2,369,545; Feb. 13.
Dunn, Roland H.: *See*—
McWhirter, E. M. S., and Dunn.
McWhirter, E. M. S., Dunn, Chambers, and Warden.
Dunn, Thomas H., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Drilling mud. 2,391,622; Dec. 25.
Dunn, William C.: *See*—
Denneen, F. S., and Dunn.
Dunn, William J., Lake Charles, La. Flushing apparatus. 2,388,836; Nov. 13.
Dunn, William M., San Bernardino, Calif. Venetian blind. 2,374,591; Apr. 24.
Dunn, William T.: *See*—
Iavelli, Teno, and Dunn.
Neracher, C. A., and Dunn.
Neracher, C. A., Dunn, Iavelli, and Syrovy.
Dunning, Albert W: *See*—
Warren, George E., assignor.
Dunning, Leon M.: *See*—
Smith, R. H., Miller, and Dunning.
Dunning, Mac W., Dallas, Tex. Prism telescope. 2,375,634; May 8.
Dunsheath, Percy, Abinger, assignor to W. T. Henley's Telegraph Works Company Limited, Westcott, Dorking, England. Method and apparatus for the continuous production of paper strips. 2,369,221; Feb. 13.
Dunstan, Lyle A., Portland, Oreg. Printing point indicator. 2,372,317; Mar. 27.
Dunton, Charles H., Berkeley, Calif. Transformer. 2,388,473; Nov. 6.
Dunwoody Automatic Gun and Projectile Company: *See*—
Penney, Harold D., assignor.

Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping shoe uppers. 2,379,425; July 3.
Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping shoe uppers. 2,385,336; Sept. 25.
Du Pont, E. I., de Nemours & Company: *See*—
Acken, M. F., and Cavanaugh, assignors.
Acken, M. F., and Filbert, assignors.
Acken, M. F., and Olsen, assignors.
Acken, M. F., and Vyverberg, assignors.
Agre, Courtland L., assignor.
Agre, Courtland Le V., assignor.
Agre, C. L., and Leekley, assignors.
Alderson, Witty L., Jr., assignor.
Alles, Francis P., assignor.
Arnold, H. W., and Dorough, assignors.
Arnold, Melvin R., assignor.
Austin, Paul R., assignor.
Bake, Louis S., assignor.
Balthis, Joseph H., assignor.
Barnes, Carl E., assignor.
Bartlett, Edward P., assignor.
Balassa, Ladislaus, assignor.
Ballard, Kermit H., assignor.
Batchelder, G. W., Featherer, and Hughes, assignors.
Beard, Earl E., assignor.
Beaton, Daniel H., assignor.
Black, Crayton K., assignor.
Bolton, Elmer K., assignor.
Bordner, Charles A., assignor.
Braun, Ernest J., assignor.
Brooks, R. E., Peterson, and Weber, assignors.
Brown, R. G., and Roberts, assignors.
Brubaker, Merlin M., assignor.
Burke, William J., assignor.
Burke, W. J., and Hoover, assignors.
Burke, W. J., and Werntz, assignors.
Burrows, Lawton A., assignor.
Burrows, L. A., Holmes, and Spaeth, assignors.
Buxbaum, Edwin C., assignor.
Calcott, W. S., and Starkweather, assignors.
Calcott, W. S., Waddell, and Rosenberg, assignors.
Carlson, Harrison C., assignor.
Carr, Clifford E., assignor.
Carter, Albert S., assignor.
Carter, A. S., and Johnson, assignors.
Carter, A. S., and Webber, assignors.
Carter, A. S., and Willett, assignors.
Cass, Oliver W., assignor.
Cass, O. W., and Bordner, assignors.
Castner, James B., assignor.
Castner, J. B., and Lawson, assignors.
Chambers, F. S., Jr., and Woodbury, assignors.
Chapman, F. F., Johnson, and Loving, assignors.
Chenoweth, O. E., and Lewis, assignors.
Christ, Robert E., assignor.
Coes, Loring, Jr., assignor.
Coffman, Donald D., assignor.
Coffman, D. D., and Alderson, assignors.
Coffman, D. D., and Stevenson, assignors.
Coffman, R. T., and Marks, assignors.
Coghill, Philip S., assignor.
Coleman, Clarence E., assignor.
Conaway, Rollin F., assignor.
Coolidge, C., and Reese, assignors.
Coopey, Walter, assignor.
Cornthwaite, W. R., and Scott, assignors.
Cramer, Francis B., assignor.
Cupery, Martin E., assignor.
Davis, Clyde O., assignor.
Davis, C. O., and Kirst, assignors.
Dawson, George A., assignor.
Denny, Victor L., Jr., assignor.
Denison, M. C., and Wassom, assignors.
Denoon, Clarence E., Jr., assignor.
Desetti, G. E., Dew, Mackey, and Woodbridge, assignors.
Dettwyler, William, assignor.
Dettwyler, W., and Stilmar, assignors.
Deyrup, Alden J., assignor.
Deyrup, A. J., and Ballard, assignors.
Deyrup, A. J., Ballard, and Strickarz, assignors.
Dietrich, Melvin A., assignor.
Dittmar, Harry R., assignor.
Dorough, George L., assignor.
Dorough, G. L., and McQueen, assignors.
Downing, F. B., and Fitch, assignors.
Downing, F. B., and Pedersen, assignors.
Edgar, D. E., and Sullivan, assignors.
Etzel, Gastao, assignor.
Evans, P. B., and Scott, assignors.
Farlow, Mark W., assignor.
Farlow, M. W., and Whitman, assignors.
Fields, Reuben T., assignor.
Fielitz, F. J., and Marks, assignors.
Fisher, N. G., and Wiley, assignors.
Flenner, A. L., and Kaufert, assignors.
Fogg, Robert E., assignor.
Fontana, M. G., Kidder, and Kraus, assignors.
Fothergill, Robert E., assignor.
Fox, Arthur L., assignor.
Fox, A. L., and Johnson, assignors.
Gilbert, Harvey N., assignor.
Du Pont, E. I., de Nemours & Company: *See*—Continued
Gocher, W. S., Jennings, and Langkammerer, assignors.
Graham, Donald P., assignor.
Gralow, Bruce B., assignor.
Gray, Hugh W., assignor.
Green, Howard D., assignor.
Greenewalt, Crawford H., assignor.
Gresham, William F., assignor.
Gubelmann, Ivan, assignor.
Guy, Hubert G., assignor.
Hamill, W. H., and Vogt, assignors.
Hamilton, Lyle A., assignor.
Handforth, S. L., and Johnson, assignors.
Hanford, William E., assignor.
Hanford, W. E., and Roland, assignors.
Hanford, W. E., Roland, and Young, assignors.
Hansley, Virgil L., assignor.
Hansley, V. L., and Bristol, assignors.
Harbaugh, Max L., assignor.
Harford, Edward F., assignor.
Harmon, Jesse, assignor.
Harmon, J., and Mighton, assignors.
Harrington, Charles J., assignor.
Hawkinson, A. T., and Elston, assignors.
Hayes, Paul J., assignor.
Heintz, W. P., and Zillessen, assignors.
Hemming, Charles B., assignor.
Henke, Clyde O., assignor.
Henne, Albert L., assignor.
Hennion, G. F., and Toussaint, assignors.
Hetherington, Harry C., assignor.
Hilberg, Frank C., assignor.
Hill, D. P., and Peirce, assignors.
Hoffman, Raymond A., assignor.
Hoffman, Robert M., assignor.
Hoffman, W. A., and Schreiber, assignors.
Holbrook, G. E., and Kaufert, assignors.
Holmen, R. E., and McGlone, assignors.
Holmes, Harrison H., assignor.
Hoover, F. W., and Vaala, assignors.
Houtz, Ray C., assignor.
Howell, Edward T., assignor.
Hubbuch, L. P., and Robinson.
Hull, Donald R., assignor.
Hull, Richard O., assignor.
Hunt, Madison, assignor.
Hurt, D. M., and Rohrmann, assignors.
Hyden, W. L., and Mitchell, assignors.
Iler, Ralph K., assignor.
Iler, R. K., and McAdam, assignors.
Jennings, Andrew B., assignor.
Johnson, Aaron D., assignor.
Johnson, Charles R., assignor.
Johnson, Charles W., assignor.
Johnson, C. R., and Nydegger.
Joyce, Robert M., Jr., assignor.
Keller, Edwin H., assignor.
Kharasch, Morris S., assignor.
Kingerley, Richard W., Jr., assignor.
Kirby, James E., assignor.
Kirby, J. E., and Lontz, assignors.
Kirby, J. E., and Woodward, assignors.
Kirk, Joseph S., assignor.
Kirkpatrick, Edward C., assignor.
Klein, David X., assignor.
Knake, Max C., assignor.
Knox, James J., assignor.
Korb, E. L., and Sabina, assignors.
Krase, Norman W., assignor.
Kraus, Philip B., assignor.
Kvalnes, Donovan E., assignor.
Kvalnes, D. E., and Carson, assignors.
Latham, George H., assignor.
Latour, Theodore R., assignor.
Lazier, Wilbur A., assignor.
Lazier, W. A., and Whitman, assignors.
Leary, Richard E., assignor.
Leary, R. E., and Marks, assignors.
Littler, Clarence A., assignor.
Llewellyn, Walter E., assignor.
Loder, Donald J., assignor.
Loder, D. J., and Bruner, assignors.
Loder, D. J., and Gresham, assignors.
Lulek, R. N., and Johnson, assignors.
Lundquist, William E., assignor.
Lyon, Robert C., assignor.
Macht, Maurice L., and Renfrew, assignors.
Mark, H. F., and Siggia, assignors.
Marks, Barnard M., assignor.
Marks, B. M., and Ranck, assignors.
Martin, Elmore L., assignor.
Maxwell, Robert W., assignor.
McAdam, Francis J., assignor.
McAlevy, A., Strain, and Chance, assignors.
McBerty, Ford H., assignor.
McComb, James R., assignor.
McCrosky, Robert D., assignor.
McKinney, Robert M., assignor.
McQueen, David M., assignor.
Mehler, Albert J., Jr., assignor.
Meunier, Paul L., assignor.
Mighton, C. J., assignor.
Miller, Charles F., assignor.

Du Pont, E. I., de Nemours & Company: *See*—Continued
Miller, H. C., and Schreiber, assignors.
Mitchell, J. A., and Lanning, assignors.
Morgan, Paul W., assignor.
Mummery, Lester R., assignor.
Murray, Otis W., assignor.
Neal, A. M., and Vincent, assignors.
Nebel, Walter, assignor.
Noble, Max V., assignor.
Olsen, Christian E., assignor.
Parker, Joseph L., assignor.
Patterson, G. D., and Sloan, assignors.
Peters, Franklin T., assignor.
Pedersen, Charles J., assignor.
Pedersen, C. J., and Bender, assignors.
Peppel, William J., assignor.
Peterson, James H., assignor.
Peterson, Merlin D., assignor.
Peterson, Oscar, assignor.
Pilcher, William S., assignor.
Pinkey, P. S., and Stevenson, assignors.
Pitman, Earle C., assignor.
Preston, Paul F., assignor.
Prichard, William W., assignor.
Reichert, J. S., McNeight, and Elston, assignors.
Reynolds, W. B., Rossander, and Kvalines, assignors.
Richardson, Hubert O., assignor.
Robinson, John W., assignor.
Rogers, Arthur O., assignor.
Roland, John R., assignor.
Rosenberg, Hans R., assignor.
Rosenberg, H. R., and Turnbull, assignors.
Rothrock, Henry S., assignor.
Salisbury, Le Roy F., assignor.
Salzberg, P. L., and Werntz, assignors.
Sauer, John C., assignor.
Scheiderbauer, Robert A., assignor.
Schmitz, William R., Jr., assignor.
Schweitzer, Carl E., assignor.
Seidel, George R., assignor.
Shannon, Olyn W., assignor.
Smith, Albert F., assignor.
Smith, A. F., and Stevenson, assignors.
Smith, Joseph E., assignor.
Spanagel, Edgar W., assignor.
Sparks, Chiles E., assignor.
Stark, Henry M., assignor.
Starkweather, Howard W., assignor.
Starkweather, H. W., and Wilder, assignors.
Sveda, Michael, assignor.
Swalheim, Donald A., assignor.
Taylor, Guy B., assignor.
Teahan, Charles J., assignor.
Terry, Daniel H., assignor.
Theobald, Clement W., assignor.
Thomas, John C., assignor.
Trepagnier, Joseph H., assignor.
Turnbull, Stockton G., Jr., assignor.
Vaala, Gordon T., assignor.
Vaala, G. T., and Carlin, assignors.
Vana, Charles A., assignor.
Vincent, John R., assignor.
Waddell, Myron C., assignor.
Wahl, Milton H., assignor.
Waldron, W. R., and Franklin, assignors.
Walker, Herbert W., assignor.
Walker, Joseph F., assignor.
Wanderer, Frederick W., assignor.
Watkins, William W., assignor.
Weber, A. G., and Peterson, assignors.
Weber, John R., assignor.
Weinmayr, Viktor, assignor.
Wende, Charles W. J., assignor.
Wentz, William M., assignor.
Whitman, Gerald M., assignor.
Wiley, Richard H., assignor.
Williams, William W., assignor.
Wilson, Cyril D., assignor.
Wirth, W. V., and Vaughen, assignors.
Wood, R. C., and Young, assignors.
Woodhouse, J. C., and Walker, assignors.
Woodward, Harold E., assignor.
Youker, Mortimer A., assignor.
Young, James H., assignor.
Zinner, Daniel, assignor.
Zolad, John J., assignor.

Du Pont, Eleuthere P., Montchanin, Del., and S. du Pont, Wilbraham, assignors to Indian Motocycle Company, Springfield, Mass. Liquid level gauge for tanks. 2,368,705; Feb. 6.

Dupont, Emile, Antibes, France; vested in the Allen Property Custodian. Turbine. 2,374,671; May 1.

Du Pont, Louis C.: *See*—
Cartledge, William J., assignor.

Du Pont, Stephen: *See*—
Du Pont, Eleuthere P. and S

Duport, Jacques, assignor to Durand & Huguenin S. A., Basel, Switzerland. Printing composition. 2,372,370; Mar. 27.

Dupuis, Ervin F., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Oven burner lighter. 2,381,152; Aug. 7.

Dupuy, Charles F. J., Mahwah, N. J., assignor to O-Cedar Corp'n, Chicago, Ill. Vaporizing device. 2,383,960; Sept. 4.

Durametallic Corporation: *See*—
Curry, Paul N., assignor.

Durand & Huguenin A. G.: *See*—
Ratti, R., and Brandt, assignors.

Durand & Huguenin S. A.: *See*—
De Neiderhäusern, Georges, assignor.
Duport, Jacques, assignor.

Durand, Marcel P.: *See*—
Courcy, G., and Durand.

Durand, Milo A., Jackson Heights, N. Y., assignor to C. P. Goerz American Optical Company. Photographic lens. 2,383,115; Aug. 21.

D'Urbano, Luis, Buenos Aires, Argentina. Device adapted for detachably coupling to eyeglasses for protecting the lenses. 2,380,638; July 31.

Durdin, Augustus C., Jr., Lincolnwood, Ill. Centrifugal cutting pump. 2,371,681; Mar. 20.

Durdin, Augustus C., III, Niles Center, Ill. Sewage treatment. 2,378,756; June 19.

Durdin, Augustus C., III, Skokie, Ill. Comminuting method and apparatus. 2,378,757; June 19.

Durdin, Augustus C., III, Skokie, Ill. Sewage treating apparatus. 2,381,579; Aug. 7.

Durham, Hobart N., Munsey Park, and P. M. Carter, Yonkers, N. Y. Portable grease gun. 2,366,845; Jan. 9.

Duriron Company, Inc., The: *See*—
Jacobsen, Oystein, assignor.

Durite Plastics, Incorporated: *See*—
Novotny, Emil E., assignor.

Durkin, Eric W., Chiselhurst, assignor to Siemens Brothers & Co., Limited, London, England. Electric signaling system. 2,377,544; June 5.

Durkin, William C., Niagara Falls, N. Y. Checkboard for games. 2,382,005; Aug. 14.

Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Cigar header mechanism. 2,369,777; Feb. 20.

Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Tobacco cutting mechanism. 2,378,133; June 12.

Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Hopper construction. 2,380,733; July 31.

Duro Persian Manufacturing Co., Inc.: *See*—
Unger, Abraham, assignor.

Du Rose, Arthur H., Euclid, and C. F. Robison, Bay Village, assignors to The Harshaw Chemical Company, Elyria, Ohio. Preparation of red copper oxide. 2,385,066; Sept. 18.

Durrenmatt, Hans K., Marysville, Ohio, and Jean de Schoulepnikow, Glenbrook, Conn., assignors to Inredeco, Inc., Panama City, Panama. Preparing a cocoa extract. 2,380,158; July 10.

Durso, John P., Rochester, N. Y. Simulated patch pocket. 2,389,721; Nov. 27.

Durst, George, assignor to Metals & Controls Corporation, Attleboro, Mass. Silver solder. 2,374,183; Apr. 24.

Durst, Max, Philadelphia, Pa. Faucet attachment. 2,380,687; July 31.

Durst, Robert F.: *See*—
Harvey, M. T., and Durst.

Duryea, David G.: *See*—
Kreuter, B., and Duryea.

Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Machining curved serrations in flat surfaces. 2,367,850; Jan. 23.

Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Crankshaft. 2,380,099; July 10.

Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Internal-combustion engine. 2,382,006; Aug. 14.

Dustan, Frank, Fitchburg, Mass., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Diaphragm pulsating apparatus for paper mill and pulp mill screens. 2,368,291; Jan. 30.

Dustin, Howard M., Berkeley, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,378,472; June 19.

Dustin, Howard M., and H. T. Avery, Oakland, Calif., assignor to Marchant Calculating Machine Company. Automatic normalizing mechanism for calculating machines. 2,377,767; June 5.

Dustin, Ralph C., Claremont, N. H., assignor to Sullivan Machinery Company. Pump control system. 2,389,348; Nov. 20.

Dutch, Alexander: *See*—
Zaffo, G. J., and Dutch.

Dutcher, Harris A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of acrylonitrile. 2,370,849; Mar. 6.

Dutton-Lainson Company: *See*—
Lainson, H., and Semotan, assignors.

Duval, Jean G. L., Saint-Cyr-sur-Mer, France, assignor to Olaer Patent Company, New York, N. Y. Device for the protection against the formation of ice. 2,369,886; Feb. 20.

Duval, Richard H.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.

Dvorak, William C.: *See*—
Dorrell, Robert F., assignor.

Dvornikoff, Michael N., assignor to Monsanto Chemical Company, St. Louis, Mo. Producing 2-aminopyrimidines. 2,391,822; Dec. 25.
Dvornikoff, Michael N., St. Louis, Mo., and G. E. Taylor, Anniston, Ala., assignors to Monsanto Chemical Company, St. Louis, Mo. Sulphuryl chloride production. 2,377,217; May 29.
Dwight & Lloyd Sintering Company, Inc.: *See*—
Lloyd, Thorne E., assignor.
Dwyer, Donagh F.: *See*—
Simmons, E. N., and Dwyer.
Dwyer, William S., Devon, Conn., assignor to The Bullard Company. Machine tool. 2,369,546; Feb. 13.
Dyas, Clair S., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Stabilized solutions of ergot alkaloidal salts. 2,390,575; Dec. 11.
Dye, Glen M., Minneapolis, Minn. Machine for making prints. 2,384,019; Sept. 4.
Dye, Glen M., Minneapolis, Minn. Print making machine. 2,388,837; Nov. 13.
Dye, James H., Bainbridge, Ga. Turnbuckle wrench. 2,389,248; Nov. 20.
Dyer, Fredrick: *See*—
Bennett, G. L., and Dyer.
Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,375,635; May 8.
Dyer, Lloyd W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,370,024; Feb. 20.
Dyer, Lloyd W., Wilkinsburg, and H. D. Dorfman, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pitsburgh, Pa. Circuit Breaker. 2,376,759; May 22.
Dyer, Ralph A., Jr., Hampden, Maine. Child's swing. 2,371,384; Mar. 13.
Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Release means. 2,369,725; Feb. 20.
Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Harrow. 2,380,298; July 10.
Dysart, Birney, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic line testing and switching circuits. 2,379,069; June 26.
Dysart, William L., and A. L. Adkins, Lebanon, Ohio. Tool head lock. 2,368,976; Feb. 6.
Dyson, James, Rugby, England, assignor to General Electric Company. Protective circuit for rectifiers. 2,371,035; Mar. 6.
Dysthe, M.: *See*—
Johnson, Anton E., assignor.
E. A. Laboratories, Inc.: *See*—
Aufiero, John R., assignor.
Meyerhoefer, Carl E., assignor.
E. A. B. Incorporated: *See*—
Adams, H. A., and Eichelberger, assignors.
E. C. D. Limited: *See*—
Evans, David J., assignor.
Eads, Howard A.: *See*—
McGarry, J. T., and Eads.
Eager, Frederick Z., et al.: *See*—
Dowling, Dudley R., assignor.
Eagle, John H., assignor to Eastman Kodak Company, Rochester, N. Y. Eyepiece filter and diaphragm control. 2,371,744; Mar. 20.
Eagle, John H., H. W. Dirksen, and W. D. Orser, assignors to Eastman Kodak Company, Rochester, N. Y. Sighting device. 2,374,475; Apr. 24.
Eagle Pencil Company: *See*—
Hanle, Benjamin W., assignor.
Eagle-Picher Lead Company, The: *See*—
Chubb, M. F., and Ebert, assignors.
Doan, D. J., and Vaughn, assignors.
Hallows, R. L., and Clearman, assignors.
Hallows, R. L., and Barrett, assignors.
Nordyke, J. S., and Vaughn, assignors.
Eagle, William S., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Azo dyestuffs of the stilbene series. 2,386,847; Oct. 16.
Eagle Woodenware Manufacturing Company, The: *See*—
Fritsch, Frank M. and L. B., assignors.
Eakins, John F., Evanston, assignor, by mesne assignments, to Phonovision Corporation, Chicago, Ill. Coin controlled movie-sound machine. 2,382,470; Aug. 14.
Earl, Robert J.: *See*—
Dahlander, Noël L., assignor.
Earl, Robert J., et al.: *See*—
Margolin, N. G., and Anderson, assignors.
Earle, Ralph H., Wauwatosa, assignor to Line Material Company, Milwaukee, Wis. Lightning arrester and manufacture. 2,374,527; Apr. 24.
Earle, Ralph H., Wauwatosa, and R. H. Amundson, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. High voltage circuit interrupter. 2,386,886; Oct. 16.
Earle, Theodore, Pacific Palisades, Calif. Method and apparatus for manufacturing grain products. 2,366,711; Jan. 9.
Earp, James F., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Apparatus for conveying freshly coated containers. 2,382,619; Aug. 14.
Eash, John R., assignor to The Howe Scale Company. Rutland, Vt. Weighing scale. 2,368,010; Jan. 23.
Eason, Clarence M., Waukesha, Wis. Hydraulic stripper for punch presses. 2,378,068; June 12.
Eason, Clarence M., Waukesha, Wis. Hydraulic stripping mechanism. 2,378,069; June 12.
Eason, Sidney L., Charleston, S. C. Roofing or surfacing material. 2,390,697; Dec. 11.
Easterford, William H.: *See*—
Watkins, A. E., and Easterford.
Eastern Tool and Manufacturing Company: *See*—
Brown, John C., assignor.
Elwell, George H., assignor.
Eastin, Maurice R., North Tarrytown, N. J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis Minn. Temperature control. 2,366,500; Jan. 2.
Eastin, Rollie R., assignor to J. W. Hurley, Detroit, Mich., as trustee. Hydraulic transmission. 2,380,734; July 31.
Eastman, du Bois, and C. Richker, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbon oils. 2,378,292; June 12.
Eastman, Du Bois, and C. Richker, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbon oils. 2,382,039; Aug. 14.
Eastman, Fred S., Seattle, Wash. Scale compensator. 2,381,268; Aug. 7.
Eastman, Harold, College Point, N. Y. Clamping device. 2,381,340; Aug. 7.
Eastman, Harold, Port Washington, assignor of one-half to G. Lasher, Great Neck, N. Y. Support or brace. 2,389,349; Nov. 20.
Eastman Kodak Company: *See*—
Aklin, George H., assignor.
Allen, C. F. H., and Van Allan, assignors.
Bean, Frederic R., assignor.
Bean, F. R., and Donovan, assignors.
Beguin, A. E., and Swan, assignors.
Bennett, Harold F., assignor.
Brant, J. H., and Hasche, assignors.
Brooker, L. G. S., and Keyes, assignors.
Caldwell, John R., assignor.
Capstaff, John G., and Miller, assignors.
Capstaff, J. G., Nadeau, and Starck, assignors.
Carroll, Burt H., assignor.
Carroll, B. H., and Spence, assignors.
Carter, Rolla N., assignor.
Carver, Emmett K., assignor.
Crabtree, J. I., and Eaton, assignors.
Cundall, Lincoln A., assignor.
Dearing, L. M., and Guell, assignors.
Dickey, J. B., and Byers, assignors.
Dickey, J. B., and Loria, assignors.
Dickey, J. B., and McNally, assignors.
Dickey, J. B., and Normington, assignors.
Dickey, J. B., Towne, and Strain, assignors.
Eagle, John H., assignor.
Eagle, J. H., Dirksen, and Orser, assignors.
Evans, Ralph M., assignor.
Evans, R. M., and Hanson, assignors.
Evans, R. M., and Miller, assignors.
Fairbanks, H. N., and Jungjohann, assignors.
Fallesen, George E., assignor.
Fallesen, G. E., and Leermakers, assignors.
Fisher, Webster E., assignor.
Fitch, H. L., and Scudder, assignors.
Fordyce, C. R., and Clarke, assignors.
Fuerst, Carl C., assignor.
Fuller, Albert B., assignor.
Galley, Hollis T., assignor.
Gillon, John W., assignor.
Gioseffi, Victor N., assignor.
Glasoe, Paul K., assignor.
Green, Newton B., assignor.
Hagemeyer, Hugh J., Jr., assignor.
Hanson, Wesley T., Jr., assignor.
Hanson, W. T., Jr., and Evans, assignors.
Harvey, Douglass C., assignor.
Hasche, R. L., and Utermohlen, assignors.
Henn, R. W., and Crabtree, assignors.
Hickey, Robert B., assignor.
Hicks, Lester M., assignor.
Hull, D. C., and Marshall, assignors.
Hunter, W. F., Jr., Tanner, and Gillmor, assignors.
Hutchison, Miller R., Jr., assignor.
Isaac, Joseph, assignor.
Jelley, E. E., and Staehle, assignors.
Jones, L. A., Nelson, and Clark, assignors.
Kenyon, William O., and Fowler, assignors.
Kenyon, W. O., and Murray, assignors.
Kingslake, R., and Reiss, assignors.
Knott, Edward B., assignor.
Koch, George J., assignor.
Koch, G. J., and Leavitt, assignors.
Lane, Gerould T., assignor.
Lowe, W. G., and Fowler, assignors.
Lowe, W. G., and Griffin, assignors.
Luboshez, Benjamin E., assignor.
MacKenzie, K. J., and Bryce, assignors.
MacNeille, S. M., and Koch, assignors.
Malm, C. J., and Bearden, assignors.
Malm, C. J., and Blanchard, assignors.
Malm, C. J., and Salo, assignors.
Mannes, L. D., and Godowsky, assignors.

Eastman Kodak Company: *See*—Continued
Martin, Louis D., assignor.
McNally, J. G., and Byers, assignors.
McNally, J. G., and Dickey, assignors.
Merriman, W. E., and Nichols, assignors.
Mihalyi, Joseph, assignor.
Miller, Oran E., assignor.
Minsk, L. M., Weyerts, and McDowell, assignors.
Muehler, L. E., Kunz, and Eaton, assignors.
Nadeau, Gale F., assignor.
Nadeau, G. F., and Hunter, assignors.
Nadeau, G. F., Hilborn, and Hunter, assignors.
Patek, John M., assignor.
Penberthy, Harvey L., assignor.
Philips, Harlow D., assignor.
Porter, H. D., and Weissberger, assignors.
Reiss, Max, assignor.
Richter, George A., assignor.
Riddell, William A., assignor.
Russell, Harold D., assignor.
Russell, H. D., and Muehler, assignors.
Ruth, Roger A., assignor.
Salminen, I. F., Vittum, and Weissberger.
Salminen, I. F., Vittum, and Weissberger, assignors.
Salo, M., and Vivian, assignors.
Schade, Willy, assignor.
Schubert, Alvin E., assignor.
Schubert, A. E., Hintz, and Stettner, assignors.
Seymour, Merrill W., assignor.
Seymour, M. W., and Peterson, assignors.
Seymour, M. W., and Young, assignors.
Silberstein, George P., assignor.
Sillick, William E., assignor.
Simmons, Norwood L., assignor.
Staehle, H. C., Jelley, and Bennett, assignors.
Staud, Cyril J., assignor.
Stewart, Donald H., assignor.
Strain, W. H., and Dickey, assignors.
Swan, Donald R., assignor.
Swan, D. R., and Calhoun, assignors.
Tanner, Howard A., assignor.
Tetzlaff, E. F., and Fitch, assignors.
Turner, J. R., McLeod, and Bullock, assignors.
Tyler, Rayen W., assignor.
Vittum, Paul W., assignor.
Vittum, P. W., Griffin, and Weissberger, assignors.
Vittum, P. W., and Jelley, assignors.
Vittum, P. W., and Peterson, assignors.
Von Bramer, H., and Davy, assignors.
Wadman, W. V., and Butcher, assignors.
Weissberger, A., and Leiserson, assignors.
Weissberger, A., and Vittum, assignors.
Weyerts, Walter J., assignor.
White, Frank L., assignor.
Wilder, Lot S., assignor.
Williams, F. C., Hanson, and Ott, assignors.
Wood, Donald L., assignor.
Yackel, E. C., Leermakers, and Staud, assignors.
Yule, John A. C., assignor.

Eastman Kodak Company, et al.: *See*—
Strain, W. H., Plati, and Warren, assignors.

Eastman, Lewis A.: *See*—
Elwood, Harland D., assignor.

Eastman, Nat, Miami Beach, Fla. Currency dispenser. 2,369,955; Feb. 20.

Eastman, Nathaniel, New York, N. Y. Fruit-cutting and juice-extracting machine. 2,382,620; Aug. 14.

Eastman Oil Well Survey Company, et al.: *See*—
Miller, Leonidas C., assignor.

Eastwood, Abraham B., Abington, assignor to Tabor Manufacturing Company, Philadelphia, Pa. Cooling means for abrasive cutters. 2,378,070; June 12.

Eastwood, La Verne W., University Heights, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum base alloy. 2,386,302; Oct. 9.

Eaton, Albert, Garden City, N. Y. Liquid treating apparatus. 2,367,851; Jan. 23.

Eaton, Carl J.: *See*—
Cipriani, C., and Eaton.

Eaton, Clarence B., Los Angeles, Calif. Fire extinguisher. 2,373,819; Apr. 17.

Eaton, George T.: *See*—
Crabtree, J. I., and Eaton.
Muehler, L. E., Kunz, and Eaton.

Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,375,216; May 8.

Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Electromagnetically operated switch. 2,377,137; May 29.

Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Time and condition responsive interlocking control system. 2,384,372; Sept. 4.

Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Sequence control system. 2,385,616; Sept. 25.

Eaton Manufacturing Company: *See*—
Charlton, George, assignor.
Dostal, James J., assignor.
Findley, Howard J., assignor.
Hoern, Joseph H., assignor.
Voorhies, Harry E., assignor.
Witchger, Eugene S., assignor.

Eaton Paper Corporation: *See*—
Sojka, George E., assignor.

Eaton, Thomas T., Haddon Heights, N. J., assignor to Radio Corporation of America. Deflecting circuit. 2,373,748; Apr. 17.

Eaton, Waldo W., near Seattle, assignor to Boeing Aircraft Company, Seattle, Wash. Lateral aircraft gun emplacement. 2,377,073; May 29.

Eaton, Warren S., Los Angeles, Calif. Therapeutic treatment. 2,368,207; Jan. 30.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure device. 2,367,852; Jan. 23.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,369,547; Feb. 13.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,371,810; Mar. 20.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,376,588; May 22.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,380,507; July 31.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,386,038; Oct. 2.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,386,039; Oct. 2.

Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,388.045; Oct. 30.

Eaton, William C., and W. Leduc, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,382,980; Aug. 21.

Eaves, Ralph E., Westwood, Mass. Eye exercising device. 2,380,508; July 31.

Eaves Sound Projectors, Inc.: *See*—
Eaves, William C., assignor.

Eaves, William C., Elyria, Ohio, assignor to Eaves Sound Projectors, Inc., New York, N. Y. Sound producing device. 2,371,960; Mar. 20.

Ebbets, George D., Kenilworth, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Forming lined pressure vessel connections. 2,381,890; Aug. 14.

Ebel, William K., Kingsville, and F. J. Pepersack, Towson, assignors to The Glenn L. Martin Company, Middle River, Md. Outlet connection for liquid containing tanks. 2,380,735; July 31.

Ebeling, James A., Kenova, W. Va. Automatic position locator. 2,366,772; Jan. 9.

Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Seal. 2,376,864; May 29.

Eberhard, Harmon S., Peoria, Ill., and G. W. Lewis, Cedar Rapids, Iowa, assignors to Caterpillar Tractor Co., San Leandro, Calif. Steering by driving. 2,379,628; July 3.

Eberhart, Arthur H., Springfield, Mass., assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Air conditioning apparatus. 2,386,303; Oct. 9.

Eberle, Frank V., Newark, N. J. Artificial hand and actuating the same. 2,382,403; Aug. 14.

Eberle, Frank V., Newark, N. J. Artificial hand and actuating the same. 2,382,404; Aug. 14.

Eberle Tanning Company: *See*—
Elliott, Jack P., assignor.

Ebers, Earle S., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Rubber fabric material. 2,375,089; May 1.

Ebersol, Amos R., Lancaster, Pa. Rock crusher. 2,380,419; July 31.

Ebersole, George B: *See*—
Bailey, E. G., and Ebersole.

Ebersole, George B., Akron, Ohio, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Pulverizer. 2,389,844; Nov. 27.

Ebert, David M., assignor to American Viscose Corporation, Wilmington, Del. Glauber's salt conversion. 2,374,004; Apr. 17.

Ebert, Joseph F., Hollis, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Lock nut. 2,377,678; June 5.

Ebert, Joseph F., Hollis, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Nut-supporting device. 2,385,777; Oct. 2.

Ebert, Joseph F., Hollis, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Electrical relay. 2,391,400; Dec. 25.

Ebert, Percy F.: *See*—
Chubb, M. F., and Ebert.

Ebinger, Robert L., and C. E. Meree, Charleston, S. C. Angle and distance gauge. 2,383,243; Aug. 21.

Eby, Harry F., Lebanon, Pa. Brake mechanism. 2,371,158; Mar. 13.

Eby, Hugh H., Jenkintown, Pa. Plug-in device and socket receptacle. 2,380,955; Aug. 7.

Eby, Lawrence T., Roselle, N. J., assignor to Standard Oil Development Company. Compounded lubricating oil. 2,382,700; Aug. 14.

Eckardt, Helmuth, Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating device. 2,379,891; July 10.

Eckel, Arthur F., Wilmette, Ill. Collinear reflector. 2,374,003; Apr. 17.

Eckel, John E., Houston, Tex., assignor to Standard Oil Development Company. Gravel-packed liner and perforation assembly. 2,371,385; Mar. 13.

Eckel, Joseph C., Ingram, Pa. Alloy steel. 2,388,128; Oct. 30.

Eckel, Oliver C., Cambridge, Mass. Supporting clip. 2,386,887; Oct. 16.

Eckel, Oliver C., Cambridge, Mass. Clip. 2,389,964; Nov. 27.

Eckel, Oliver C., Cambridge, Mass. Clip. 2,389,965; Nov. 27.

Eckenberg, Earl G., Los Angeles, Calif. Jet carburetor. 2,376,991; May 29.

Eckener, Erwin: *See*—
Cram, H. W., and Eckener.

Eckener, Erwin, Bronx, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Insert assembling tool. 2,390,524; Dec. 11.

Eckert, George E., and V. I. Moe, assignors to Moe Brothers Manufacturing Co., Fort Atkinson, Wis. Lighting fixture. 2,373,235; Apr. 10.

Eckert, James C., Jr., Jacksonville, Fla. Fire extinguisher. 2,383,048; Aug. 21.

Eckert, Walter, et al., executors: *See*—
Hoof, Addison C.

Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Treating fats and fatty oils. 2,378,005; June 12.

Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Treating fats and fatty oils. 2,378,006; June 12.

Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Modifying the molecular structure of oils and fats. 2,378,007; June 12.

Eckhardt, Elmer R.: *See*—
Karabinos, J. V., Eckhardt, and Patterson.

Eckhardt, Ferdinand F., Los Angeles, E. H. Pearson, Pacific Palisades, and A. W. Albertine, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Washbasin and urinal. 2,375,090; May 1.

Eckman, Donald P., assignor to The Brown Instrument Company, Philadelphia, Pa. Control mechanism. 2,369,887; Feb. 20.

Eckman, George E.: *See*—
Socke, J. E., and Eckman.

Eckman, Philip E., Seattle, Wash., assignor to American Can Company, New York, N. Y. Suction cup. 2,382,405; Aug. 14.

Eckstein, George R., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauge. 2,377,679; June 5.

Eclov, Hjalmar P., Washington, D. C. Electric shaver. 2,369,821; Feb. 20.

Econo Safety Devices, Inc.: *See*—
O'Donnell, John R., assignor.

Economics Laboratory, Inc.: *See*—
Wilson, J. L., and Mendenhall, assignors.

Economides, Michael J., Brooklyn, N. Y. Concealed hinge. 2,373,178; Apr. 10.

Economy Baler Company: *See*—
Langford, G. W., Barrows, and Haidler, assignors.

Ecusta Paper Corporation: *See*—
Harris, Lloyd Q., assignor.
Heygel, Paul R., assignor.
Hooper, Ray L., assignor.
Matthews, R. E., and Hensley, assignors.

Edahl, Knute: *See*—
Holland, C. J., and Edahl.

Edberg, Per, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,368,455; Jan. 30.

Eddington, George D., Burbank, Calif. Automatic stabilizing system for vehicles. 2,387,249; Oct. 23.

Eddins, John R., Chicago, Ill. Eyecup. 2,375,636; May 8.

Eddins, William N., San Antonio, and C. C. Thurman, Freer, Tex. Fluid pressure pump. 2,391,556; Dec. 25.

Eddy, Arnold, Middletown, Conn., assignor of one-half to H. W. Striker, New York, N. Y. Weaving, transporting and finishing cloth. 2,384,288; Sept. 4.

Eddy, Arnold, Middletown, Conn., assignor of fifty per cent to H. W. Striker, and twenty per cent to E. G. Dentay, New York, N. Y. Pick counting device. 2,384,901; Sept. 18.

Eddy, Arnold, Middletown, Conn., assignor of one-half to H. W. Striker, New York, N. Y. Screen printing. 2,387,984; Oct. 30.

Eddy, Harold C., Los Angeles, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Apparatus for desalting oil. 2,386,941; Oct. 16.

Eddy, Harold C., Los Angeles, Calif., assignor, by mesne assignments, to Petrolite Corporation, Ltd., Wilmington, Del. Treating oil. 2,387,250; Oct. 23.

Eddy, William C., Michigan City, Ind., assignor to Balaban & Katz Corporation, Chicago, Ill. Lens mounting. 2,380,829; July 31.

Edelman, Abraham, New York, N. Y. Electric signaling device. 2,386,942; Oct. 16.

Edelman, Beril, Brooklyn, N. Y., and A. L. Pizzi, Newark, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Article feeding apparatus. 2,377,409; June 5.

Edelman, Walter E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Manual control apparatus. 2,370,025; Feb. 20.

Edelman, Walter E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operator. 2,379,954; July 10.

Edelmann, Leo, Chicago, Ill. Hydrometer float. 2,367,268; Jan. 16.

Edelmann, Robert, Chicago, Ill. Thermohydrometer. 2,368,123; Jan. 30.

Edels, Siegfried, London, W. 1, assignor of one-half to Rejafix Limited, London, England. Printing machine. 2,378,989; June 26.

Edelstein, Sidney M., Elizabeth, N. J. Treatment of cellulosic pulp. 2,368,527; Jan. 30.

Edelstein, Sidney M., Elizabeth, N. J. Treated fabric and making. 2,389,421; Nov. 20.

Eden, Christopher G., Rickmansworth, England, assignor to General Electric Company. Drilling apparatus. 2,380,736; July 31.

Edenboro, Edward E. K., Greenville, Ala. Protective device for ships. 2,390,358; Dec. 4.

Eder, James P., New York, N. Y. Anemometer. 2,389,615; Nov. 27.

Ederer, Lothar A.: *See*—
Runquist, E. M., and Ederer.

Ederer, R. J., Company: *See*—
Runquist, E. M., and Ederer, assignors.

Edgar, David: *See*—
Knowlton, C. D., and Edgar.

Edgar, David, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating sheet materials. 2,366,242; Jan. 2.

Edgar, Donald E., Westport, and D. J. Sullivan, Fairfield, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Heating device. 2,386,095; Oct. 2.

Edgar, Kenneth L.: *See*—
Stavely, F. W., Edgar, and Hoffman.

Edgar, Robert L., assignor to The Watt Car & Wheel Company, Barnesville, Ohio. Car truck. 2,377,768; June 5.

Edge, Dexter, Gary, Ind. Radiant heater. 2,391,447; Dec. 25.

Edge, Stanley H., and E. Twemlow, Lincoln, England. Steering gear for vehicles. 2,382,866; Aug. 14.

Edgerly, Herman D.: *See*—
Palmer, R. O., and Edgerly.

Edgerton, Harold E., Belmont, Mass. Condenser-discharge electric system. Re. 22,611; Mar. 6.

Edgerton, Harold E., Belmont, Mass. Method of and apparatus for testing. 2,382,981; Aug. 21.

Edgewater Steel Company: *See*—
Bell, D. S., and Wikander, assignors.

Edgington, Clay M., assignor of ten per cent to J. E. Obenauer, Roseville, Mich. Combination curtain, shade, and drapery fixture. 2,371,232; Mar. 13.

Edison General Electric Appliance Company, Inc.: *See*—
Kempton, Leslie A., assignor.
Michaelis, Harold A., assignor.
Ogden, William F., assignor.
Sharp, John C., assignor.
Shroyer, J. L., and Michaelis, assignors.

Edison, Thomas A., Incorporated: *See*—
Adams, Joseph C., assignor.
Dann, Charles W., assignor.
Dunham, Le R. S., and Teague, assignors.
Hardy, William A., assignor.
Huenlich, Charles, assignor.
Ihrig, Donald G., assignor.
Jacobs, Charles T., assignor.
Jones, Harry S., assignor.
Kelly, Frederick G., assignor.
La Forest, Louis Z., assignor.
Proctor, George N., assignor.
Vieth, Albert B., assignor.

Edison Wood Products, Incorporated: *See*—
Webb, Charles E., assignor.

Edman, Joseph V.: *See*—
Burckhardt, A., and Edman.

Edmands, John W., Newton Highlands, Mass., assignor to Central Railway Signal Company, Newton, Mass. Igniter for grenades and the like. 2,391,823; Dec. 25.

Edmister, Wayne C., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Method and apparatus for catalytic processes. 2,378,542; June 19.

Edmonds, Asbury S., New York, N. Y. Brake. 2,381,654; Aug. 7.

Edmonds, Asbury S., Lowry Field, Colo. Brake. 2,381,655; Aug. 7.

Edmonds, Robert M., Elmira, assignor to American Telephone and Telegraph Company, New York, N. Y. Insulation test set. 2,367,013; Jan. 9.

Edmonds, Rudolph A. L.: *See*—
Watson, E. D., and Edmonds.

Edmondson, William H., Oak Park, Ill., assignor to United Biscuit Company of America. Clutch mechanism. 2,384,418; Sept. 4.

Edmondson, William, and W. Jones, Surrey County, assignors to The British Oxygen Company Limited, London, England. Administration of inhalant gases. 2,388,533; Nov. 6.

Edmonson, Roger W., assignor to The National Cash Register Company, Dayton, Ohio. Electrolytic smoothing of metals. 2,382,549; Aug. 14.

Edouard Dubied & Cie Société Anonyme: *See*— Korber, Hans, assignor.

Edson, Clarence E.: *See*— Hunsdorf, William P.

Edson, Kenneth C., and F. E. Fisher, Pawhuska, assignors to Skelly Oil Company, Tulsa, Okla. Production of aromatic hydrocarbons. 2,380,035; July 10.

Edson, William A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized oscillator. 2,379,694; July 3.

Edstrom, Carl A., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,370,105; Feb. 20.

Edstrom, Carl A., assignor to American Steel Foundries, Chicago, Ill. Truck arrangement. 2,370,106; Feb. 20.

Edstrom, Otto E., San Francisco, Calif. Blind guide. 2,379,426; July 3.

Edwards, Charles L., Springfield, Mass. Convertible seat structure for cabin cruisers. 2,383,178; Aug. 21.

Edwards and Company, Inc.: *See*— Edwards, Robert S., assignor.

Edwards, G. Alfred: *See*— Hunt, Charles T., assignor.

Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Governor. 2,372,179; Mar. 27.

Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Angularly adjustable coupling. 2,372,180; Mar. 27.

Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,372,559; Mar. 27.

Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,389,492; Nov. 20.

Edwards, Howard C., Zanesville, assignor of ten per cent to L. E. Marks, and ten per cent to E. S. Marks, Cincinnati, Ohio, trustee. Gravity-fed coal furnace. 2,374,808; May 1.

Edwards, James H., Evanston, Ill. Weight measuring and calibrating device. 2,370,784; Mar. 6.

Edwards, Jones B., assignor of one-half to Samuel Schwartz, Charlotte, N. C. Fountain dispenser. 2,378,624; June 19.

Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Power system. 2,368,456; Jan. 30.

Edwards, Martin A., Scotia, and M. Levine, Schenectady, N. Y., assignors to General Electric Company. Control system for aircraft turbosuperchargers. 2,376,143; May 15.

Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Electric control system. 2,386,040; Oct. 2.

Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Regulating apparatus. 2,390,084; Dec. 4.

Edwards, Miles L., Longview, Wash. Pump. 2,368,528; Jan. 30.

Edwards, Miles L., Longview, Wash. Pump. 2,368,529; Jan. 30.

Edwards, Miles L., Longview, Wash. Vapor expelling pump. 2,368,530; Jan. 30.

Edwards, O. M., Company, Inc., The: *See*— Axe, Roy T., assignor.

Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier circuit. 2,369,030; Feb. 6.

Edwards, Robert S., New Canaan, assignor to Edwards and Company, Inc., Norwalk, Conn. Switch operating device. 2,391,231; Dec. 18.

Edwards, Roy T.: *See*— Dean, J. C., and Edwards.

Edwards, Russell, Pasadena, assignor to H. H. Helbush, Los Angeles, Calif. Plate holding device. 2,367,853; Jan. 23.

Edwards, William E.: *See*— Sutcliffe, E. R., and Edwards.

Edwards, William E., Ellwood City, Pa., assignor to National Tube Company. Apparatus for automatically severing tubing and the like. 2,366,243; Jan. 2.

Edwards, William H., Great Neck, N. Y., and O. A. Shann, Short Hills, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone station circuit. 2,372,262; Mar. 27.

Eenigenburg, Robley E., assignor of one-half to E. F. Brennom, Chicago, Ill. Manufacturing transparent bodies with items embedded therein. 2,379,793; July 3.

Effinger, William L., Jr., West Hempstead, N. Y. Adjustable propeller. 2,372,714; Apr. 3.

Effinger, William L., Jr., West Hempstead, N. Y. Tow control for gliders. 2,373,236; Apr. 10.

Efron, Alexander, assignor to Checkmaster Plan Inc., New York, N. Y. Filing folder. 2,385,337; Sept. 25.

Egan, Charles W., Troy, N. Y. Molding process and product thereof. 2,390,525; Dec. 11.

Egardner, Zachaeus T., Chicago, Ill. First-aid kit and stretcher. 2,385,067; Sept. 18.

Egelman, Max, New York, N. Y. Photographic printing frame. 2,386,888; Oct. 16.

Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Valve mechanism. 2,372,560; Mar. 27.

Eger, John, assignor of one-half to S. D. Whetstone, Cut Bank, Mont. Vacuum pump. 2,372,191; Mar. 27.

Egersdörfer, Fritz, Berlin, Germany; vested in the Alien Property Custodian. Gear pump. 2,382,701; Aug. 14.

Egert, Otto, London, England. Lock nut. 2,379,794; July 3.

Egerton, Lawson, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilization of halogenated compounds. 2,391,685; Dec. 25.

Egerton, Lawson, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilization of halogenated compounds. 2,391,689; Dec. 25.

Egge, Klaus, Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Roll changing device. 2,387,890; Oct. 30.

Eggemeyer, Richard, Walsh, Ill. Gauging apparatus for builders and the like. 2,371,286; Mar. 13.

Egger, Walter F., Rocky River, assignor to A. P. Schraner, Shaker Heights, Ohio, doing business as A. P. Schraner & Co. Lapping machine. 2,376,531; May 22.

Eggers, Hans, Berlin, Germany; vested in the Alien Property Custodian. Determining positions in space. 2,387,569; Oct. 23.

Eggerss, Hans A., Van Wert, Ohio, assignor to Continental Can Company, Inc., New York, N. Y. Container. 2,391,774; Dec. 25.

Eggert, Ronald E., Burbank, Calif., assignor to Adel Precision Products Corp. Lock nut. 2,379,892; July 10.

Eggert, Ronald E., Burbank, and H. J. Le Vesconte, Glendale, Calif., assignors to Adel Precision Products Corp. Resilient lock nut. 2,387,251; Oct. 23.

Eggleston, Smith, St. Paul, assignor to Standard Conveyor Company, North St. Paul, Minn. Inclined elevator. 2,368,414; Jan. 30.

Egleston, Harry, assignor to Ex-Cell-O Corporation, Detroit, Mich. Back-off apparatus. 2,379,287; June 26.

Egli, Arnold A., Saint Gallen, Switzerland, and C. Bokenkamp, Hamburg, Germany. Obtaining etchable deposits on printing cylinders. 2,372,665; Apr. 3.

Egli, Herman K., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Die. 2,388,838; Nov. 13.

Eglinton, George F., Detroit, assignor, by mesne assignments, to Lincoln Park Industries, Inc., Lincoln Park, Mich. Abrasive wheel dressing machine. 2,373,882; Apr. 17.

Eglinton, George F., Detroit, Mich., assignor, by mesne assignments, to Lincoln Park Industries, Inc. Form crushing of abrasive wheels. 2,384,289; Sept. 4.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Production of styrene. 2,376,532; May 22.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of styrene. 2,376,533; May 22.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of aryl alkenes. 2,377,074; May 29.

Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of vinyl aromatics. 2,383,179; Aug. 21.

Ego, George R., Brantford, Ontario, assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Safety device for disk plow hangers. 2,381,973; Aug. 14.

Egry Register Company, The: *See*— Pfeiffer, William C., assignor. Wyrick, Clayton E., assignor.

Ehlers, George M., J. S. Coldwell, and G. Kodama, assignors to Globe-Union, Inc., Milwaukee, Wis. Trimmer condenser. 2,370,722; Mar. 6.

Ehmann, Leslie G., assignor to Electric Steel Foundry Company, Portland, Oreg. Locking device for load supporting pins. 2,369,344; Feb. 13.

Ehmann, Leslie G., assignor to Electric Steel Foundry, Portland, Oreg. Cargo sling hook. 2,381,531; Aug. 7.

Ehnbom, Bo Karl G., Stockholm, Sweden. Remote burner lighter. 2,386,041; Oct. 2.

Ehrenberg, Gustav, Berlin-Adlershof, Germany; vested in the Alien Property Custodian. Teleprinter. 2,375,902; May 15.

Ehretsman, John L., and R. W. Leutwiler, assignors to The Illinois Engineering Company, Chicago, Ill. Steam trap valve mechanism. 2,370,296; Feb. 27.

Ehrlich, Walter A.: *See*— Gladfelter, W. I., Ehrlich.

Ehrling, Gunnar E., assignor to Briggs Manufacturing Company, Detroit, Mich. Supercharger. 2,386,096; Oct. 2.

Ehrling, Gunnar E., assignor to Briggs Manufacturing Company, Detroit, Mich. Coupling. 2,386,097; Oct. 2.

Elane, Halvor O., Washington Island, Wis. Selective single trigger. 2,366,893; Jan. 9.

Eiane, Halvor O., Washington Island, Wis. Offset gun sight. 2,367,342; Jan. 16.
Eiane, Halvor O., Washington Island, Wis. Offset gun sight. 2,367,762; Jan. 23.
Eiane, Halvor O., Washington Island, Wis. Manufacture of radial master connecting rods. 2,377,769; June 5.
Eichelberger, George W., Jr., Houston, Tex. Toy oil-pumping rig. 2,382,782; Aug. 14.
Eichelberger, Merrill: *See*—
Adams, H. A., and Eichelberger.
Eichelberger, William C.: *See*—
Farrell, J. K., and Eichelberger.
Eickman, Willis E.: *See*—
Robertson, W. H., and Eickman, assignors.
Spurlino, P., Placke, Eickman, and Kramer.
Eickmeyer, Earl E., A. G. Horvath, and A. F. Zumbrink, assignors to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Fluid dispensing apparatus. 2,375,903; May 15.
Eidmann, Ethel L., executrix: *See*—
Engel, G. C. and Eidmann.
Eidmann, Frank L.: *See* —
Engel, G. C. and Eidmann.
Eigenheer, Jakob, Thalwil, assignor to the firm Belmag Zurich, Beleuchtungs- & Metallindustrie Aktiengesellschaft, Zurich, Switzerland. Ski fitting. 2,382,783; Aug. 14.
Eilenberger, Stanley D.: *See*—
Burbridge, John R., assignor.
Eilenberger, Stanley D., Kenosha, Wis., assignor to Wolgen Company, Chicago, Ill. Amusement device for registering emotions. 2,379,955; July 10.
Einarsson, Valdimar, Reykjavik, Iceland. Apparatus for drying hay, vegetables, fish, and the like. 2,368,811; Feb. 6.
Einbinder, Morris A., Denver, Colo. Garment. 2,381,580; Aug. 7.
Einson-Freeman Co., Inc.: *See*—
Gold, Sam, assignor.
Horr, John V., assignor.
Einzig, Henry, assignor to Stemar Displays Company, Chicago, Ill. Device for binding. 2,388,960; Nov. 13.
Eisaman, Roy D., Oak Park, Ill., assignor to Jasper Foods, Newport, Mich. Making fish food. 2,371,682; Mar. 20.
Eisel, Vernon G., New York, N. Y. Educational toy. 2,385,197; Sept. 18.
Eiseman, Robert J., and R. E. Wenner, Cleveland, assignors to Jack & Heintz, Inc., Bedford, Ohio. Forming split ring gears. 2,385,617; Sept. 25.
Eisemann Corporation: *See*—
Tabb, Warner T., assignor.
Eisenbeis, George G., Conklin, assignors to Stow Manufacturing Co., Binghamton, N. Y. Flexible shafting. 2,366,688; Jan. 2.
Eisenbeis, George G., Conklin, assignor to Stow Manufacturing Co., Binghamton, N. Y. Flexible shafting assembly. 2,368,457; Jan. 30.
Eisenbeis, George G., Conklin, assignor to Stow Manufacturing Co., New York, N. Y. Flexible shafting. 2,388,129; Oct. 30.
Eisenberg, Harry: *See*—
Roseman, R., and Eisenberg.
Eisenbud, Merril, Monsey, N. Y. Welder's helmet. 2,388,604; Nov. 6.
Eisendrath, B. D., Tanning Co.: *See*—
Cameron, Donald H., assignor.
Eisengrein, Harry F., Rochester, N. Y., assignor to The Glidden Company, Cleveland, Ohio. Extruding and apparatus therefor. 2,386,782; Oct. 16.
Eisenhour, Bert E., Aurora, assignor of one-half to Riverbank Laboratories, Geneva, Ill. Torsional oscillator. 2,384,823; Sept. 18.
Eisenman, Louis, Brooklyn, N. Y. Hair curler. 2,367,854; Jan. 23.
Eisenmann Corporation: *See*—
Scott, Lloyd H., assignor.
Eisler, Henry G., Wilmette, assignor to The Bell & Howell Company, Chicago, Ill. Dust exhausting device for surfacing wheels. 2,383,454; Aug. 28.
Eisner, Abner: *See*—
Woodward, C. F., Eisner, and Haines.
Eisner, George J., Phoenix, Ariz. Evaporating disseminator. 2,372,371; Mar. 27.
Eisenschiml, Bertha J., et al.: *See*—
Eisenschiml, Otto and G.
Eisenschiml, Gerald: *See*—
Eisenschiml, Otto and G.
Eisenschiml, Otto and G., assignors to O., B. J., and G. Eisenschiml, and R. E. Gingiss, doing business as a partnership under name The Scientific Oil Compounding Co., Chicago, Ill. Bodied oil and method. 2,388,257; Nov. 6.
Eisinger, Rudolph J., Thornbury Township, Delaware County, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Air conditioning apparatus. 2,388,314; Nov. 6.
Eisler, Charles, Jr., Maplewood, assignor to Eisler Engineering Company, Newark, N. J. Welding machine. 2,389,034; Nov. 13.
Eisler Engineering Company: *See*—
Eisler, Charles, Jr., assignor.
Eisner, Robert S., assignor to Sigmund Eisner Co., Red Bank, N. J. Apparatus for applying coating. 2,388,605; Nov. 6.
Eisner, Sigmund, Co.: *See*—
Eisner, Robert S., assignor.
Eiss, Clyde R., Buffalo, and F. I. Steele, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Exhaust manifolds. 2,375,091; May 1.
Eitel-McCullough, Inc.: *See*—
Eitel, William W., assignor.
Eitel, W. W., and McCullough, assignors.
Eitel, William W., Salt Lake City, Utah, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,368,812; Feb. 6.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,371,683; Mar. 20.
Eitel, William W., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 2,373,949; Apr. 17.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,373,950; Apr. 17.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube. 2,376,040; May 15.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,381,490; Aug. 7.
Eitel, William W., assignor to Eitel-McCullough, Inc., San Bruno, Calif. Chuck. 2,385,971; Oct. 2.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,385,972; Oct. 2.
Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Apparatus for making grids. 2,385,973; Oct. 2.
Eitel, William W., Woodside, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube structure. 2,385,974; Oct. 2.
Eitel, William W., Woodside, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electron tube. 2,391,690; Dec. 25.
Eitner, George R., Detroit, Mich. Lubricating device. 2,384,824; Sept. 18.
Ejerson, Ejnar E., Stockholm, Sweden. Fountain pen. 2,391,557; Dec. 25.
Ekco Products Company: *See*—
Kollman, Jack, assignor.
Ekenäs, Torwald D. L., and G. E. Fåhraeus, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Selenium rectifier. 2,375,353; May 8.
Eklund, Hans E., assignor to Aktiebolaget J. C. Ljungman, Malmo, Sweden. Firearm. 2,388,396; Nov. 6.
Eklund, Hans E., assignor to Aktiebolaget J. C. Ljungman, Malmo, Sweden. Disconnector means in self-charging firearms. 2,390,061; Dec. 4.
Eklund, Karl G., Storangen, and J. E. Hulten, Stockholm, Sweden. Air introducing device. 2,366,773; Jan. 9.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Fluid-actuated brake. 2,372,415; Mar. 27.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Railway brake. 2,382,550; Aug. 14.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,551; Aug. 14.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,383,374; Aug. 21.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Truck and brake organization. 2,384,459; Sept. 11.
Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake control device. 2,369,726; Feb. 20.
Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Work handling mechanism. 2,381,656; Aug. 7.
Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Work clamping mechanism. 2,381,657; Aug. 7.
Eksergian, Carolus L., and J. H. Coombes, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,552; Aug. 14.
Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,553; Aug. 14.
Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,554; Aug. 14.
Eksergian, Carolus L., and P. W. Gaenssle, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,383,375; Aug. 21.
Eksergian, Carolus L., Detroit, and R. B. Temple, Grosse Pointe Park, Mich., assignors to Budd Wreel Company, Philadelphia, Pa. Tank tread. 2,389,722; Nov. 27.
Eksergian, Rupen, Media, assignor to Edward G. Budd Mfg. Company, Philadelphia, Pa. Endurance testing method and machine especially for vehicle body bolsters. 2,380,159; July 10.
Ekstedt, John W., Union, and A. F. Pityo, Clifton, N. J. Producing grids for electron discharge devices. 2,379,135; June 26.
Ekstrand, Ernest W., Orange, N. J., assignor to Consolidated Packaging Machinery Corporation. Sorting device. 2,385,618; Sept. 25.

Ekstrom, Gustaf H.: *See*—
Granberg, B. R., and Ekstrom.

Ekstrom, Regner A., Jr., Markham, assignor to Elematic Corporation, Chicago, Ill. Liquid heating apparatus. 2,375,840; May 15.

Ekstrom, Regner A., Jr., Markham, assignor to Elematic Corporation, Chicago, Ill. Apparatus for use in treating and coating articles. 2,378,758; June 19.

Elastic Stop Nut Corporation: *See*—
Newsome, J. H., and Davis, assignors.
Siesel, William M., assignor.
Swanstrom, Carl A., assignor.
Swanstrom, Klas A., assignor.

Elastic Stop Nut Corporation of America: *See*—
Hallock, Robert L., assignor.
Mason, Veyne V., assignor.
Wesley, Leo J., assignor.

Elba Trading Corporation: *See*—
Lateiner, Charles, assignor.

Elberty, Robert S., Jr., assignor to Landis Tool Company, Waynesboro, Pa. Size control mechanism. 2,382,215; Aug. 14.

Elberty, Robert S., Jr., assignor to Landis Tool Company, Waynesboro, Pa. Motor control device. 2,386,304; Oct. 9.

Elder, Charles J., assignor to The Moore Company, Muncie, Ind. Bedspring. 2,366,846; Jan. 9.

Elder, Charles J., assignor to The Moore Company, Muncie, Ind. Bed spring. 2,378,625; June 19.

Elder, John D.: *See*—
McManus, C. E., and Elder.
Patrick, W. A., Jr., and Elder.

Elder, Frederick T., Mountain Lakes, N. J., assignor to American Locomotive Company, New York, N. Y. Heat exchanger fin tube. 2,386,159; Oct. 2.

Elder, Joseph H., Arlington, Tex. Rubber substitute. 2,390,829; Dec. 11.

Elderfield, Robert C., Hastings on Hudson, and F. C. Uhle, New York, N. Y., assignors to Eli Lilly and Company, Indianapolis, Ind. Derivatives of β-(3-hydroxycyclopentanopolyhydrophenanthrene) - $\Delta^{\alpha,\beta}$ - butyrolactones. 2,386,783; Oct. 16.

Elderfield, Robert C., New York, N. Y., and E. R. Blout, Cambridge, Mass., assignors to Eli Lilly and Company, Indianapolis, Ind. Butyrolactones and preparing them. 2,390,526; Dec. 11.

Electric Arc, Inc.: *See*—
Holslag, Claude J., assignor.

Electric Auto-Lite Company, The: *See*—
Wetzel, Fred H., assignor.
Wilson, Harland D., assignor.

Electric Boat Company: *See*—
Dennison, Edward S., assignor.

Electric Controller & Manufacturing Company, The: *See*—
Smith, Ward L., assignor.
Wright, David C., assignor.

Electric Furnace Company, The: *See*—
Vaughan, Arthur H., assignor.

Electric Heating Equipment Company: *See*—
Seifert, William C., assignor.

Electric Household Utilities Corporation: *See*—
Gerhardt, Andrew H., assignor.
Gerhardt, A. H., and Maher, assignors.

Electric & Musical Industries Limited: *See*—
Clarke, Alfred G., assignor.
Klemperer, Otto, assignor.
Vanderlyn, P. B., and White, assignors.

Electric Power Equipment Corporation: *See*—
Hawley, Kent A., assignor.

Electric Railway Improvement Company, The: *See*—
Cadwell, Charles A., assignor.

Electric Service Supplies Company: *See*—
Hallman, E. B., Weaver and McGough, assignors.

Electric Steel Foundry: *See*—
Baer, Josef, assignor.
Ehmann, Leslie G., assignor.

Electric Storage Battery Company, The: *See*—
Hall, Clarence A., assignor.
Lessey, Samuel K., assignor.
White, Curtice C., assignor.

Electrical Improvements Limited: *See*—
Mitchell, Gordon W. B., assignor.

Electricooker, Inc.: *See*—
Smith, Graydon, assignor.

Electrimatic Corporation: *See*—
Beekley, Henry L., assignor.

Electrimatic Corporation, The: *See*—
Beekley, H. L., and Lacart, assignors.
Lacart, R. H., Gilbert, and Beekley, assignors.

Electrographic Corporation: *See*—
Reilly, F. E., and Holsinger, assignors.

Electroline Mfg. Co., The: *See*—
Morgenstern, David M., assignor.

Electroloy Company, Inc., The: *See*—
Kruitbosch, Harold, assignor.

Electrolux Corporation: *See*—
Anderson, Emil, assignor.
Beede, Arnold H., assignor.
Forsberg, Axel A., assignor.
Karlström, Robert, assignor.
Lofgren, Gustaf E., assignor.
Wahlberg, Eric C., assignor

Electro Manganese Corporation: *See*—
Wanamaker, E. M., Cromwell, and Chamberlain, assignors.

Electro Metallurgical Company: *See*—
Bagley, Glen D., assignor.
Crafts, Walter, assignor.
Doom, Ernest F., assignor.
Franks, Russell, assignor.
Wyckoff, Lewis B., assignor.

Electronbeam, Ltd.: *See*—
Ziebolz, Herbert, assignor.

Electronic Laboratories, Incorporated: *See*—
Garstang, William W., assignor.

Electronic Products, Inc.: *See*—
Buckey, Jefferson P., assignor.

Electronic Sound Engineering Company: *See*—
Becker, Harry W., assignor.

Electrons, Inc.: *See*—
Kruger, William P., assignor.

Elektrizitats-Aktiengesellschaft Wadenswil: *See*—
Haas, Walter, assignor.

Elematic Corporation: *See*—
Ekstrom, Regner A., Jr., assignor.

Elenbas, Ivan: *See*—
Lucas, Jay J., assignor.

Eley, John, Jr.: *See*—
Campbell, Rodney B., assignor.

Elg, Gunard H., Comfrey, Minn. Electric lamp screen. 2,383,116; Aug. 21.

Elgin, Joseph C., Princeton, N. J. Treating low rank textile fibers. 2,372,561; Mar. 27.

Elgin Softener Corporation: *See*—
Kromhout, Andrew, assignor.

Elia, Adolphe R., Flushing, N. Y. Scissors or shears. 2,370,026; Feb. 20.

Elian, John, Brussels, Belgium; vested in the Alien Property Custodian. Synthetic process for preparing hydrocarbons, particularly gasoline. 2,369,548; Feb. 13.

Elkan, Fred, assignor to "Incindor", Coal Igniter Company, Inc., New York, N. Y. Fuel composition. 2,381,891; Aug. 14.

Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition controlling device for internal-combustion engines. 2,387,891; Oct. 30.

Elkington, Frank, Sheffield, England, and H. H. Chesny, West Los Angeles, Calif. Apparatus for the manufacture of magnesium oxide. 2,373,749; Apr. 17.

Elkington, Frank, Sheffield, and H. H. Chesny, Worksop, England; said Elkington assignor to said Chesny. Production of calicum and magnesium compounds from dolomite. 2,386,389; Oct. 9.

Elkins, Roland H., Orange City, Iowa. Indoor golf practicing device. 2,375,904; May 15.

Eller, Harry E., Chicago, Ill. Portable, vertically adjustable, and collapsible stand. 2,386,450; Oct. 9.

Ellerbeck, Grant C.: *See*—
Friden, C. M., and Ellerbeck.

Ellerstein, Jack I., New York, N. Y. Hatpin. 2,366,244; Jan. 2.

Ellerstein, Jack I., New York, N. Y. Hatpin. 2,366,245; Jan. 2.

Ellerthorpe, Roy, Detroit, Mich. Beam clamp. 2,376,041; May 15.

Ellestad, Gerhard A., Rochester, and C. G. Salmon, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,371,745; Mar. 20.

Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,385,975; Oct. 2.

Ellinghouse, Frederick: *See*—
Aspin, F. M., and Ellinghouse.

Ellinwood, Herman R., Glendale, assignor to Adel Precision Products Corp., Burbank, Calif. Hydraulic valve. 2,370,397; Feb. 27.

Ellinwood, Herman R., Burbank, Calif, assignor to Adel Precision Products Corp. Conduit clip. 2,373,300; Apr. 10.

Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Conduit supporting clip. 2,379,568; July 3.

Ellinwood, Herman R., assignor to Adel Precision Products Corp., Burbank, Calif. Conduit clip and securing means. 2,379,893; July 10.

Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Hydraulic fluid volume compensator. 2,383,180; Aug. 21.

Elliott, Carleton R.: *See*—
Johnson, C. E., and Elliott.

Elliott Company: *See*—
Boyles, H., and Grabb, assignors.
Baker, V. H., and Keebler, assignors.

Elliott, Charles I., Sea Girt, N. J., and V. R. Pantalone, Hamden, Conn.; said Pantalone assignor, by mesne assignments, to Box Blank Corporation, New York, N. Y.; said Elliott assignor to Radio Corporation of America. Package for radio tubes and the like. 2,368,753; Feb. 6.

Elliott, Daniel S., assignor to The Glenn L. Martin Company, Middle River, Md. Transparent nose turret. 2,372,939; Apr. 3.

Elliott, Daniel S., Middle River, assignor to The Glenn L. Martin Company, Baltimore, Md. Bomb shackle operating mechanism. 2,380,737; July 31.

Elliott, Gordon R., Ferndale, assignor to Velvac Incorporated, Detroit, Mich. Control valve. 2,387,653; Oct. 23.
Elliott, Harmon P., Watertown, Mass. Printing device index. 2,388,315; Nov. 6.
Elliott, Harold F., Belmont, Mass. Electric control apparatus. 2,367,763; Jan. 23.
Elliott, Irwin, Croton-on-Hudson, assignor to Krum-Elliott Company, New York, N. Y., a copartnership composed of Irwin Elliott and Carl E. Krum. Dough dividing machine. 2,383,536; Aug. 28.
Elliott, Jack P., assignor to Eberle Tanning Company, Westfield, Pa. Sanding machine. 2,391,448; Dec. 25.
Elliott, Jack P., assignor to Eberle Tanning Company, Westfield, Pa. Sanding drum. 2,391,449; Dec. 25.
Elliott, John A., Jr., Teaneck, N. J. Attachment for mimeograph machines. 2,368,124; Jan. 30.
Elliott, John S.: *See*—
Evans, E. A., and Elliott.
Elliott, Laverne P., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Reaction of hydrocarbons. 2,368,063; Jan. 23.
Elliott, Lyle E., Battle Creek, Mich. Toy. 2,382,982; Aug. 21.
Elliott, Myron A., Washington, D. C. Apparatus and method for measuring work. 2,377,869; June 12.
Elliott, Peter M., assignor to Oil Distribution Appliances Limited, Toronto, Ontario, Canada. Relief valve structure for storage tanks for volatile liquids. 2,382,555; Aug. 14.
Elliott, Richard C., Redhill, M. R. Dewhurst, Coulsdon, and J. B. S. Booth, assignors to The Monotype Corporation Limited, Redhill, England. Photo-mechanical typographical composing machine. 2,388,961; Nov. 13.
Elliott, Stanley B., Cleveland, assignor to The Harshaw Chemical Company, Elyria, Ohio. Tin soaps and preparation thereof. 2,373,387; Apr. 10.
Elliott, Stanley B., assignor to Ferro Enamel Corporation, Cleveland, Ohio. Stabilized solutions of metallic salts. 2,390,830; Dec. 11.
Ellis, Bertram, executor, et al.: *See*—
Ellis, Carleton.
Ellis, Carleton, deceased, Montclair, N. J., by C. Ellis, Jr., and B. Ellis, Washington, D. C., and Bank of Montclair, Montclair, N. J., executors; said C. Ellis assignor to Standard Oil Development Company. Alkylation. 2,375,637; May 8.
Ellis, Carleton, Jr., executor, et al.: *See*—
Ellis, Carleton.
Ellis, Charles E., Mahwah, N. J., assignor to Sedgwick Machine Works, Inc., Poughkeepsie, N. Y. Elevator. 2,377,483; June 5.
Ellis, Charles L., Brownsville, Tex. Ground grip. 2,390,929; Dec. 11.
Ellis, Clarence E., Los Angeles, Calif. Back siphonage prevention valve. 2,372,940; Apr. 3.
Ellis, Clarence M., assignor of one-third to J. E. Devine and one-third to J. M. Prentice, Lodi, Calif. Stack pusher. 2,387,985; Oct. 30.
Ellis, Clifford A., Palisade Park, N. J. Tank vent valve. 2,371,961; Mar. 20.
Ellis, David L., assignor of one-half to P. G. Ellis, Seattle, Wash. Snow plow. 2,375,981; May 15.
Ellis, Delbert, and O. L. Taylor, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-break contact. 2,384,988; Sept. 18.
Ellis, Delbert, Wilkinsburg, and O. L. Taylor, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Coil support and armature guide. 2,387,892; Oct. 30.
Ellis, Dexter B., Ogden, Utah. Linotype machine accessory. 2,377,075; May 29.
Ellis, Edward J., Bartow, Fla., assignor to Southern Phosphate Corporation, Baltimore, Md. Separating quartz sand from phosphate rock. 2,384,825; Sept. 18.
Ellis, Emmett S., Pontiac, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Weld flash trimming machine. 2,386,451; Oct. 9.
Ellis, Eugene D., Miami, Fla. Display device. 2,387,503; Oct. 23.
Ellis-Foster Company: *See*—
Burrell, Harry, assignor.
Hessel, F. A., and Rust, assignors.
Root, Frank B., assignor.
Root, F. B., and Virgin, assignors.
Rust, John B., assignor.
Ellis, Greer, Chicago, Ill., assignor, by mesne assignments, to J. L. and R. C. Switzer. Inspection light. 2,388,474; Nov. 6.
Ellis, Harold E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Single-phase motor control. 2,382,983; Aug. 21.
Ellis, Horace R., Meadville, Pa. Garment hanger. 2,377,218; May 29.
Ellis, James, New York, N. Y. Machine for cleaning hair and scalp. 2,387,893; Oct. 30.
Ellis Laboratories, Inc.: *See*—
Shand, James E., assignor.
Ellis, Lewis S.: *See*—
Nott, R. A., and Ellis.
Ellis, Paul G.: *See*—
Ellis, David L., assignor.
Ellis, Robert, Belleville, N. J. Flagpole and flag manipulating means. 2,377,219; May 29.
Ellis, Robert, Belleville, N. J. Apparel fastener. 2,389,298; Nov. 20.
Ellis, Robert, Belleville, N. J. Apparel closure. 2,389,299; Nov. 20.
Ellis, Robert, York, Pa. Abrasive tool. 2,379,569; July 3.
Ellis, Robert M., North Arlington, and D. C. Hungerford, Madison, assignors to Aircraft Parts Development Corporation, Summit, N. J. Flanged nut and manufacture thereof. 2,372,772; Apr. 3.
Ellis, Robert P., Belleville, N. J. Ball bearing. 2,381,730; Aug. 7.
Ellison, Samuel H., Berwyn, assignor to Tru-Ade, Inc., Chicago, Ill. Method of and apparatus for inspecting fluids. 2,368,350; Jan. 30.
Ellman, Louis: *See*—
Hosbein, L. H., and Ellman.
Ellner, George G., Long Island, N. Y. Electrical fixtures for use with filament gaseous lamps or the like. 2,375,354; May 8.
Ellsworth, Walter A., assignor to Seeger Refrigerator Company, St. Paul, Minn. Door construction. 2,366,894, Jan. 9.
Ellwell-Parker Electric Company, The: *See*—
Wilms, Henry F., assignor.
Elman, Helen K., and R. C. Bergmann, New York, N. Y. Portable steaming apparatus. 2,387,724; Oct. 30.
Elmendorf, Andrew G.: *See*—
Ayers, E. H., and Elmendorf.
Elmendorf, Armin, Winnetka, assignor to The Celotex Corporation, Chicago, Ill. Fiber plank. 2,377,484; June 5.
Elmendorf, Armin, Winnetka, and M. Lieff, Chicago, Ill. Making thick hardboard. 2,381,269; Aug. 7.
Elmer, William B., Winchester, Mass. Apparatus for heating and cooking. 2,379,509; July 3.
Elmore, Kelly L., Sheffield, Ala., assignor to Tennessee Valley Authority. Defluorinating rock phosphate. 2,368,649; Feb. 6.
Elmslie, Wallace P., assignor to Moorman Manufacturing Company, Quincy, Ill. Livestock feed. 2,372,476; Mar. 27.
Emulsol Corporation, The: *See*—
Katzman, M., and Epstein, assignors.
Elox Corporation: *See*—
Harding, Henry V., assignor.
Elsden, Herbert E.: *See*—
Burgoine, S. F., and Elsden.
Elsey, Howard M., Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Controlled heat treatment of carbon bodies. 2,376,760; May 22.
Elsner, Frank, Hanover, Pa. Label pasting device. 2,384,241; Sept. 4.
Elsner, Harold W.: *See*—
Johnson, A. O., and Elsner.
Elssner, Gerhard, and E. Schröder, Leipzig, Germany; vested in the Alien Property Custodian. Production of oxidic protective layers on magnesium or its alloys. 2,382,702; Aug. 14.
Elston, Arthur A.: *See*—
Hawkinson, A. T., and Elston.
Reichert, J. S., McNeight, and Elston.
Elston, Edward P., Nottingham, assignor of three-fourths to H. R. Shaw, Shirley, England. Device for the construction or determination of angles. 2,376,315; May 15.
Elston, George F., Bloomfield, N. J., assignor to Radio Corporation of America. Voltage indicator. 2,366,320; Jan. 2.
Elverum, Gerald W.: *See*—
Callaghan, R. W., and Elverum.
Elvin, William J., Frostburg, and J. B. Steiding, Midland, Md., assignors to Celanese Corporation of America. Reel structure. 2,371,684; Mar. 20.
Elvin, William J., Frostburg, and J. B. Steiding, Midland, Md., assignors to Celanese Corporation of America. Tension indicator. 2,383,537; Aug. 28.
Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,383,049; Aug. 21.
Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,383,298; Aug. 21.
Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,388,316; Nov. 6.
Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,388,317; Nov. 6.
Elwell-Parker Electric Company, The: *See*—
Cochran, Clyde E., assignor.
Elwert, George, Conshohocken, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sheet metal structure. 2,371,036; Mar. 6.
Elwood, Harland D., Detroit, assignor of one-half to L. A. Eastman, Wyandotte, Mich. Fire escape chute mounting. 2,375,407; May 8.
Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape chute. 2,381,809; Aug. 7.
Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape chute support. 2,381,810; Aug. 7.

Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape apparatus. 2,381,811; Aug. 7.

Elwood, Harland D., Detroit, assignor to Lewis A. Eastman, Wyandotte, Mich. Fire escape apparatus for aerial ladder trucks. 2,381,812; Aug. 7.

Ely, Albert R., and R. B. Smith, assignors to Hercules Powder Company, Wilmington, Del. Container for blasting caps. 2,386,546; Oct. 9.

Ely, James K., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,933; Jan. 23.

Elzeer, Michael E., Lorain, Ohio. Nursing bottle holder. 2,386,042; Oct. 2.

Emanuel, Victor L., Dubuque, Iowa. Pivot polisher. 2,375,092; May 1.

Emblen, Herbert V., and M. D. Baker, San Diego, Calif. Record filing means. 2,373,179; Apr. 10.

Embser, Richard J., Wellsville, N. Y. Mouthpiece for morticians. 2,370,850; Mar. 6.

Embury, Frederick B., assignor to Embury Manufacturing Company, Warsaw, N. Y. Emergency lighting unit. 2,369,288; Feb. 13.

Embury Manufacturing Company: *See*—
Embury, Frederick B., assignor.

Emde, Christian K., J. H. Rogers, and G. H. Posejpal, Chicago, Ill. Milling cutter. 2,374,528; Apr. 24.

Emeloid Company, Incorporated, The: *See*—
Odom, William P., assignor.

Emerson, Arthur J., deceased, Utica, by J. F. Emerson, executrix, Marshall Township, Oneida County, assignor of one-half to J. A. Ainsworth, Utica, and one-half to W. C. Young, New Hartford, and T. Steinhorst, Utica, N. Y., as trustees. Dyeing machine. 2,380,100; July 10.

Emerson, Jane F., executrix: *See*—
Emerson, Arthur J.

Emerson, John H., Cambridge, Mass. Preparing compresses. 2,381,974; Aug. 14.

Emerson, John R., Flint, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Cap screw and lock device. 2,370,944; Mar. 6.

Emerson Radio and Phonograph Corporation: *See*—
Fogel, Henry, assignor.

Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Cup finishing apparatus. 2,374,339; Apr. 24.

Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Dinnerware lining machine. 2,380,509; July 31.

Emerson, William S., Urbana, Ill. Production of secondary and tertiary amines from nitrogen compounds. 2,380,420; July 31.

Emerson, William S., Dayton, Ohio. Production of secondary amines from nitrogen compounds. 2,388,606; Nov. 6.

Emerson, William S., Dayton, Ohio. Production of tertiary amines from nitrogen compounds. 2,388,607; Nov. 6.

Emerson, William S., Dayton, Ohio. Production of secondary amines from nitrogen compounds. 2,388,608; Nov. 6.

Emerson, William S., Van Buren Township, Montgomery County, Ohio, assignor to Monsanto Chemical Company. Acetophenone. 2,372,562; Mar. 27.

Emerson, William S., Van Buren Township, Montgomery County, Ohio, assignor to Monsanto Chemical Company. Preparation of acetophenone. 2,382,867; Aug. 14.

Emerson, William S., and J. W. Heyd, Dayton, Ohio, assignors to Monsanto Chemical Company. Oxidation of aromatic hydrocarbons. 2,376,674; May 22.

Emery, Albert G., assignor to United States Rubber Company, New York, N. Y. Method of making flexible contour maps. 2,382,784; Aug. 14.

Emery, Alfred H., Wappingers Falls, N. Y. Coin holder. 2,379,695; July 3.

Emery Industries, Inc.: *See*—
Fitzpatrick, J. D., and Myers, assignors.
Myers, L. D., and Sprang, assignors.
Shields, William H., assignor.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Impact clutch. 2,373,664; Apr. 17.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Portable intermittent clutch tool. 2,373,665; Apr. 17.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Impact clutch. 2,373,666; Apr. 17.

Emery, William M., Shaker Heights, Ohio, assignor to The Rotor Tool Company. Impact clutch. 2,373,667; Apr. 17.

Emery, William M., Shaker Heights, Ohio., assignor to The Rotor Tool Company. Motor. 2,373,668; Apr. 17.

Emery's, Thomas, Sons, Inc.: *See*—
Hard, Amos L., assignor.

Emley, Edward F., Swinton, Manchester, assignor to Magnesium Elektron Limited, London, England. Fluxes for use in the treatment of light metals. 2,372,563; Mar. 27.

Emling, John W.: *See*—
Foley, J. W., and Emling.

Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Making binders and split rings therefor. 2,388,397; Nov. 6.

Emmer, Wilbur J.: *See*—
Snyder, W. D., and Emmer.

Emmert, Kenneth L.: *See*—
Hensel, F. R., Emmert, and Wiggs.

Emmerton, John T., Birmingham, assignor, by mesne assignments, to British Timken Limited, Aston, Birmingham, England. Guiding gauges. 2,381,491; Aug. 7.

Emmons, Arthur N., Nedrow, N. Y. Grinding. 2,367,107; Jan. 9.

Emmons, Arthur N., Nedrow, assignor to The Porter-Cable Machine Company, Syracuse, N. Y. Woodworking machine. 2,367,461; Jan. 16.

Empire Electric Brake Company: *See*—
Klimkiewicz, Rudolph J., assignor.

Empire Electric Brake Corporation: *See*—
Penrose, William F., assignor.

Emrich, Clarence O., Pittsburgh, Pa. Packless valve. 2,388,046; Oct. 30.

Emsco Derrick & Equipment Company: *See*—
Renouf, Ralph R., assignor.
Stevenson, Edward E., assignor.
Tremolada, Guglielmo R., assignor.

Emulsol Corporation, The: *See*—
Cahn, Frank J., assignor.
Cahn, F. J., and Harris, assignors.
Epstein, A. K., and Katzman, assignors.
Katzman, Morris, assignor.

Enblom, John C., Minneapolis, Minn. Air cleaner equipped filler tube. 2,389,140; Nov. 20.

End, Gotthard, Seeburg, near Lucerne, assignor to the firm Schweizerisch Industrie-Gesellschaft, Neuhausen, Switzerland. Rifling machine. 2,382,302; Aug. 14.

Endebrock, Robert A., Cincinnati, Ohio. Soap saver tray. 2,390,874; Dec. 11.

Endres, Rudolf: *See*—
Hentrich, W., Kaiser, and Endres.

Endress, Clarence H.: *See*—
Sutherland, E. M., and Endress.

Endress, Frederick A., assignor to Tuff-Hard Corporation, Detroit, Mich. Heat-treating high-speed tool steel. 2,383,299; Aug. 21.

Endress, Frederick A., assignor to Tuff-Hard Corporation, Detroit, Mich. Packing box for the heat-treatment of ferrous material. 2,385,407; Sept. 25.

Endress, Frederick A., assignor to Tuff-Hard Corporation, Detroit, Mich. Heat-treating furnace. 2,387,129; Oct. 16.

Endsley, Louis E., Pittsburgh, Pa., assignor to The Frost Railway Supply Co., Detroit, Mich. Friction spring. 2,389,300; Nov. 20.

Endter, Waldemar A., Long Beach, Calif. Correction of latch operation. 2,366,392; Jan. 2.

Endter, Waldemar A., Long Beach, Calif. Latch and keeper combination. 2,371,386; Mar. 13.

Endter, Waldemar A., Long Beach, Calif. Latch and lock mechanism. 2,373,237; Apr. 10.

Endter, Waldemar A., Long Beach, Calif. Latch device. 2,376,992; May 29.

Eng, Martin O., Cambridge, Wis. Sanitary rack for milk can covers. 2,370,455; Feb. 27.

Engberg, Arthur W., Madison, Wis. Piston skirt expander. 2,390,431; Dec. 4.

Engberg, Ralph E.: *See*—
Miller, E. G., and Engberg.

Engberg, Ralph E., Clayton, Mo. Method and apparatus for dispensing gummed tape. 2,382,406; Aug. 14.

Engel, Bruno K., Nockeby, assignor to Aktiebolaget Separator-Nobel, Stockholm, Sweden. Producing high quality lubricating oils. 2,370,297; Feb. 27.

Engel, George C., Ridgewood, and F. L. Eidmann, deceased, by E. I. Eidmann, executrix, Princeton, N. J., assignors to General Time Instruments Corporation, New York, N. Y. Metronome. 2,375,294; May 8.

Engel, Karl H., West Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Azeotropic distillation of hydrocarbon oils. 2,376,870; May 29.

Engel, Karl H., Teaneck, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovering substantially pure m-cresol or p-cresol. 2,382,142; Aug. 14.

Engel, Karl H., Teaneck, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Recovery of pyrrole. 2,388,475; Nov. 6.

Engelbrecht, Heinz-Joachim: *See*—
Hentrich, W., Engelbrecht, and Schim.
Hentrich, W., Schirm, and Engelbrecht.

Engelhard, Hermann, Berlin, and W. Petri, Lichterfelde, near Berlin, Germany; vested in the Alien Property Custodian. Pharmaceutical preparations possessing surface-active properties. 2,375,905; May 15.

Engelhardt, Carl F., Yeadon, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,380,421; July 31.

Engelhardt, Carl F., Yeadon, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston ring. 2,389,141; Nov. 20.

Engelhardt, Robert H., Fort Benning, Ga. Scavenging air valve engine. 2,372,477; Mar. 27.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants containing di-phosphorus esters. 2,373,670; Apr. 17.

Engelke, Ernest F., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Organic phosphorus abietates and manufacture. 2,377,870; June 12.
Engelmann, Anton: *See*—
Hintze, R., and Engelmann.
Engels, Eugene O., assignor to Baker Perkins, Inc., Saginaw, Mich. Oven mechanism. 2,373,076; Apr. 3.
Engels, Eugene O., assignor to Baker Perkins Inc., Saginaw, Mich. Workpiece depositor for dough molders. 2,391,691; Dec. 25.
Enger-Kress Company: *See*—
Miller, Lee B., assignor.
Engholdt, Richard K., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,372,564; Mar. 27.
Engholm, Nils G., Stockholm, Sweden. Detachable cuff for shirts, blouses or the like. 2,367,343; Jan. 16.
Engineer Company: *See*—
Holden, Edward A., assignor.
Engineering Laboratories, Inc.: *See*—
Scherbatskoy, Serge A., assignor.
Swift, Lawrence M., assignor.
Engineering and Research Corporation: *See*—
Berliner, Henry A., assignor.
Hoover, V. A., and Barish, assignors.
Marchant, Lee L., assignor.
Weick, Fred E., assignor.
Weick, F. E., and De Boer, assignors.
Engineering Sales Company: *See*—
Nash, James, assignor.
England, August J., Providence, R. I. Device for relieving cutters. 2,368,011; Jan. 23.
England, August J., Providence, R. I., assignor to England Manufacturing Co. Manufacture of ornamental chain. 2,366,960; Jan. 9.
England Manufacturing Co.: *See*—
England, August J., assignor.
Englander Company, Inc., The: *See*—
Pink, Chester A., assignor.
Engle, Edgar W., Huntington Woods, assignor to Carboloy Company, Inc., Detroit, Mich. Making thin-walled sintered metal articles. 2,368,458; Jan. 30.
Engle, Edgar W., Pleasant Ridge, assignor to Carboloy Company, Inc., Detroit, Mich. Forming drawing holes in carbide die nibs. 2,385,198; Sept. 18.
Engle, Edna B., St. Paul, Minn. Paper doll and making the same. 2,369,031; Feb. 6.
Engle, Loy S.: *See*—
Saunders, A., and Engle.
Engle, Robert F.: *See*—
Lawrence, C. K., and Engle.
Englehart, Orton H., Glendora, Calif. Constant pressure sprinkler. 2,380,101; July 10.
Englehart, Oscar D., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for manufacturing multiple glazed units. 2,379,220; June 26.
Engler, Max, assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for applying cement to rubberized fabric. 2,370,298; Feb. 27.
Engler, Robert J., assignor of one-fourth to H. M. Seippel, as trustee for P. J. Seippel, Beaver Dam, Wis. Article transferring apparatus. 2,390,242; Dec. 4.
English Clays, Lovering, Pochin & Company Limited: *See*—
Davies, R. J., Dering, and Parker, assignors.
English Electric Company Limited, The: *See*—
Seewer, Paul W., assignor.
English, Elmer D.: *See*—
Langenberg, George O., assignor.
English, James, Jr., Hamden, Conn., James Bonner, and Arie J. Haagen-Smit, Pasadena, Calif., assignors to California Institute Research Foundation. Synthesis of wound hormone. 2,391,824; Dec. 25.
English, John M., Norwich, Conn. Brake mechanism. 2,376,042; May 15.
Englund, Carl, Mayfield Heights, Ohio. Structural panel. 2,386,098; Oct. 2.
Englund, Ernst E., assignor to The Ohio Cultivator Co., Bellevue, Ohio. Seed planter. 2,371,037; Mar. 6.
Englund, Leonard H., Winona, Minn. Boro-phosphoric acid and preparing the same. 2,375,638; May 8.
Englund, Walter: *See*—
Holmblad, C. A., and Englund.
Engman, Malcolm E: *See*—
Borman, H. W., and Engman.
Engquist, Erik I., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Manual switchboard. 2,366,604; Jan. 2.
Engstrom, Andrew G.: *See*—
Levinson, A. A., Julian, and Engstrom.
Engstrom, Birger, Pittsburgh, Pa. Thread protector. 2,385,408; Sept. 25.
Enoch, Duard W.: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson.
Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread severing device for sewing machines. 2,372,318; Mar. 27.
Enright, Camillus C., New Hope, Pa. Machine for shaping and binding articles. 2,370,642; Mar. 6.
Ensign, Albert E., Ypsilanti, and F. G. Shaub, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Magnesium retort. 2,390,698; Dec. 11.
Ensign-Bickford Company, The: *See*—
Pearsall, David E., assignor.
Ensign, Elbert E.: *See*—
Ford, H., Ensign, and Quinn.
Foster, J. A., and Ensign.
Newkirk, D. L., and Ensign.
Ensign Ribbon Burners, Inc.: *See*—
Ensign, W. B., and Flynn, assignors.
Ensign, William B., and J. H. Flynn, New Rochelle, assignors to Ensign Ribbon Burners, Inc., Mount Vernon, N. Y. Filter for inspirators. 2,378,839; June 19.
Ensinger, R. L.: *See*—
Kittler, M., and Ensinger.
Ensinger, Ray, and J. H. Foote, Detroit, Mich., assignors to G. M. and E. Holley. Friction lock for screw threads. 2,384,668; Sept. 11.
Enslin, Herbert E., Beverly, Mass., and E. C. Wallace, Miami, Fla., assignors to Revair Corporation, Boston, Mass. Apparatus for inducing respiration. 2,383,181; Aug. 21.
Ensor, James L., Cookeville, Tenn. Attaching means for trapeze horizontal bars and exercising rings. 2,368,459; Jan. 30.
Enterprise Railway Equipment Company: *See*—
Batho, William F., assignor.
Campbell, Argyle, assignor.
Entringer, Engelbert, Sheboygan, Wis. Hoop stick. 2,381,581; Aug. 7.
Enz, Vern E., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bearing assembly. 2,381,270; Aug. 7.
Eoff, Clarence N., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Parachute pack frame and the like. 2,374,274; Apr. 24.
Eppenstein, James F., Chicago, Ill., assignor to J. R. Thomas and Associates. Couch bed. 2,370,851; Mar. 6.
Eppler, Arthur H., Milwaukee, Wis. Sandblast mixer valve. 2,371,434; Mar. 13.
Eppler, Arthur H, Milwaukee, Wis. Sand blasting. 2,380,738; July 31.
Eppler, Walter T., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer. 2,390,785; Dec. 11.
Eppley, Garrett G., Chappaqua, N. Y. Quiz board. 2,384,539; Sept. 11.
Eppy, Samuel, Jamaica, N. Y. Mounting buttons and similar articles. 2,369,032; Feb. 6.
Epsimos, George, et al.: *See*—
Richardson, Thomas B., assignor.
Epst, Joseph, Chicago, Ill. Treatment of animal tissue. 2,381,813; Aug. 7.
Epstein, Albert K.: *See*—
Katzman, M., and Epstein.
Epstein, Albert K., and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Chemical compounds and preparing same. 2,368,208; Jan. 30.
Epstein, Chester H., Highland Park, and N. R. Gotthoffer, Grayslake, assignors to Grayslake Gelatin Co., Grayslake, Ill. Citrus oil flavoring materials. 2,367,269; Jan. 16.
Epworth, Sylvia D., New York, assignor to George Spalt & Sons, Inc., Albany, N. Y. Article of furniture. 2,386,739; Oct. 9.
Equitable Paper Bag Co. Inc.: *See*—
Poppe, George W., assignor.
Erb, Edward R., Jr.: *See*—
Kemmler, J. W., and Erb.
Erb, George H., South Orange, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Variable resistance device. 2,371,159; Mar. 13.
Erbguth, Paul F. K., assignor to C. J. Tagliabue Mfg. Co., Brooklyn, N. Y. Regulating instrument. 2,366,246; Jan. 2.
Erck, Louis J., Nashwauk, Minn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Concentrating minerals. 2,378,356; June 12.
Erck, Louis J., Cooley, Minn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Concentrating minerals. 2,378,357; June 12.
Erdahl, Nicholas M., assignor to Trackson Company, Milwaukee, Wis. Revolving crane. 2,381,731; Aug. 7.
Ericks, Walter P.: *See*—
Jones, L. C., and Ericks.
McClellan, P. P., and Ericks.
Moore, L. P., and Ericks.
Ericks, Walter P., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Condensation products of triazines and substitute triazines with alkylene oxides. 2,381,121; Aug. 7.
Ericks, Walter P., Stamford, and J. H. Williams, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Symmetrical heterocyclic disubstituted alkylol guanidines. 2,367,569; Jan. 16.
Ericks, Walter P., Stamford, Conn., and M. C. Whitaker, assignors to American Cyanamid Company, New York, N. Y. Guanidine condensation products and derivatives thereof. 2,389,723; Nov. 27.
Erickson, Alfred, Chicago, Ill. Toolholder. 2,373,301; Apr. 10.
Erickson, Andrew L., Cincinnati, Ohio, and R. R. Haskell, Boston, Mass., assignors to Ditto, Incorporated, Chicago, Ill. Duplication system. 2,368,531; Jan. 30.
Erickson, Arvid M., San Jose, and J. D. Ryan, Campbell, assignors to Barron-Gray Packing Company, San Jose, Calif. Extraction process. 2,382,407; Aug. 14.

Erickson, Arvid M., San Jose, and J. D. Ryan, Campbell, assignors to Barron-Gray Packing Company, San Jose, Calif. Preparation of a sweetening medium from fruit. 2,385,801; Oct. 2.
Erickson, Carl V., assignor to Air Communications, Inc., Kansas City, Mo. Pressure switch. 2,381,582; Aug. 7.
Erickson, Clarence N.: *See*—
Fox, LeRoy G., assignor.
Erickson, Emil H., assignor to Safticycles, Inc., La Crosse, Wis. Clutch and brake assembly. 2,386,099; Oct. 2.
Erickson, Ewald, Watertown, Minn., assignor to Hercules Powder Company, Wilmington, Del. Distributor. 2,389,845; Nov. 27.
Erickson, Helmer E.: *See*—
Talboys, H. H., and Erickson.
Erickson, John A., Jackson, Mich. Corn shelling and shredding machine. 2,382,040; Aug. 14.
Erickson, John A., Jackson, Mich. Mixed material separator. 2,389,966; Nov. 27.
Erickson, Oliver A., Jamestown, N. Y. Ski. 2,387,061; Oct. 16.
Erickson, Stephen E.: *See*—
Christmann, L. J., and Erickson.
Ericson, George R., Kirkwood, Mo. Engine control device. 2,386,669; Oct. 9.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,368,012; Jan. 23.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,373,302; Apr. 10.
Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,379,288; June 26.
Ericson, George R., St. Louis, Mo. High velocity projectile. 2,389,846; Nov. 27.
Ericson, George R., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal-combustion engine. 2,379,849; July 3.
Ericson, George R., Kirkwood, and I. E. Coffey, Normandy, Mo. Fluid drive. 2,385,263; Sept. 18.
Ericson, Roy G., Danvers, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,371,612; Mar. 20.
Ericsson, Arvid I., Chicago, Ill. Automatic camera-diaphragm adjuster. 2,388,609; Nov. 6.
Ericsson, Gustaf L., Traneberg, Sweden. Thread lock. 2,378,071; June 12.
Ericsson, Tore, assignor to Aktiebolaget Sangfabriken, Stockholm, Sweden. Wheel cot. 2,371,811; Mar. 20.
Erie Electric Company, Inc.: *See*—
Smith, Hurley, assignor.
Erie Meter Systems, Inc.: *See*—
Olsen, Louis R., assignor.
Erie Mining Company: *See*—
De Vaney, Fred D., assignor.
Erikson, Erik I.: *See*—
Swenson, F., and Erikson.
Eriksson, Gustav H., Rockford, Ill. Depth gauge. 2,375,982; May 15.
Eris, Wilson G., Napoleonville, La., assignor to The Texas Company, New York, N. Y. Production of oil. 2,380,639; July 31.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigeration apparatus of the intermittent absorption or adsorption type. 2,370,643; Mar. 6.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption refrigerating apparatus. 2,374,184; Apr. 24.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigerator. 2,374,185; Apr. 24.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption refrigerating apparatus. 2,377,332; June 5.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Absorption and adsorption refrigerating apparatus. 2,377,333; June 5.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Boiler-absorber. 2,384,460; Sept. 11.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigerating apparatus. 2,389,967; Nov. 27.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken. Refrigeration. 2,389,968; Nov. 27.
Erland af Kleen, Nils, Stockholm, Sweden, assignor to Kleen Refrigerator, Inc., Hoboken, N. J. Refrigeration. 2,390,085; Dec. 4.
Erle, Donald Z., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Torque link. 2,371,132; Mar. 13.
Erlenbach, Michael: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer.
Ermold, Edward Co.: *See*—
Cattonar, J., and Olm, assignors.
Ernst, Daniel, assignor to Maag-Zahnräder und -Maschinen Aktiengesellschaft, Zurich, Switzerland. Apparatus for testing the pitch of gears. 2,381,975; Aug. 14.

Ernst, Earl A., Bakersfield, Calif. Grading and sacking device. 2,377,619; June 5.
Ernst, Hans.: *See*—
Decker, J., and Ernst.
Ernst, Robert C., assignor to Louisville Drying Machinery Company, Louisville, Ky. Treatment of fish water. 2,371,812; Mar. 20.
Ernst, Roman J., Detroit, Mich. Head covering. 2,372,715; Apr. 3.
Ernst, Walter: *See*—
Flowers, P. E., Ernst, and MacMillin.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Relief valve. 2,368,754; Feb. 6.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic pump or motor. 2,374,592; Apr. 24.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Turret press. 2,382,041; Aug. 14.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press structure. 2,384,160; Sept. 4.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press structure. 2,384,161; Sept. 4.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Triple action automobile body press. 2,390,359; Dec. 4.
Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Control mechanism for hydraulic pumps. 2,390,360; Dec. 4.
Ernst, Walter, and D. Cross, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Solenoid operated valve. 2,374,593; Apr. 24.
Ersepke, Edmund T., San Francisco, Calif. Dough forming device. 2,379,956; July 10.
Erskine, Herbert W., et al.: *See*—
Fanger, Herman J., assignor.
Fanger, H. J., and Gruenhagen, assignors.
Fanger, H. J., Gruenhagen, and Shaffer.
Shaffer, Cleve F., assignor.
Ertner, August C., assignor to Federal Trading Co., Seattle, Wash. Wrench. 2,391,143; Dec. 18.
Ertola, John, New York, N. Y. Pay envelope. 2,374,275; Apr. 24.
Erwin, Guy C., Port Arthur and T. B. Lawrence, Beaumont, Tex. Fitting-up tool. 2,379,136; June 26.
Erwin, William C.: *See*—
Sperry, A. B., Nazar, and Erwin.
Esarey, Raymond W., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Centrifugal device. 2,372,064; Mar. 20.
Escher, Charles, Jersey City, N. J. Screw-top jar wrench. 2,389,301; Nov. 20.
Escher Wyss Machinenfabriken Aktiengesellschaft: *See*—
Keller, Curt, assignor.
Escobar, Anthony T., San Quentin, Calif. Gas gun. 2,384,733; Sept. 11.
Esdaile, Edward W., Sydney, New South Wales, Australia. Adjustable support for lenses and lamps used in connection with compasses and the like. 2,388,476; Nov. 6.
Esdale, Harry J., Union, N. J. Drill. 2,389,188; Nov. 20.
Eserkaln, Theodore F.: *See*—
Armitage, J. B., and Eserkaln.
Eshbaugh, Clarence H., H. S. Mitchell, and L. S. Paddock, assignors to Industrial Patents Corporation, Chicago, Ill. Dehydrating food concentrates. 2,385,068; Sept. 18.
Esher, Frederick N.: *See*—
Daly, G. F., and Esher.
Eskelson, Herbert J.: *See*—
Keeler, N. H., and Eskelson.
Eskin, Samuel G., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for gaseous fuel burners. 2,380,640; July 31.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for fuel burners. 2,366,774; Jan. 9.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for gaseous fuel burners. 2,382,216; Aug. 14.
Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for fuel burners. 2,388,130; Oct. 30.
Espenschied, Lloyd, Kew Gardens, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,379,221; June 26.
Espinosa, Eduardo J., Habana, Cuba. Brassière slip conformator. 2,370,852; Mar. 6.
Espley, Dennis C., North Wembley, and J. W. Ryde, London, W. 14, assignors to The General Electric Company Limited, London, W. C. 2, England. Electrical apparatus adapted to operate at very high frequencies. 2,377,680; June 5.
Essex, Ray H., Fort Worth, Tex. Bottle cap reshaping device. 2,366,775; Jan. 9.
Essex Wire Corporation: *See*—
Murphy, Charles J., assignor.

Essick, Bryant, Los Angeles, Calif. Cooler. 2,380,586; July 31.
Essick, Bryant, Los Angeles, Calif. Pad for evaporative coolers. 2,391,558; Dec. 25.
Essl, Max, Swarthmore, Pa., assignor to The Baldwin Locomotive Works. Locomotive hood. 2,370,237; Feb. 27.
Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Heater. 2,370,644; Mar. 6.
Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Heater. 2,391,144; Dec. 18.
Esson, Gordon F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Multiple operation toolhead. 2,383,050; Aug. 21.
Estate Stove Company, The: *See*—
Kahn, Bertrand B., assignor.
Esterbrook, Steel Pen Manufacturing Co., The: *See*—
Klagges, Henry C., assignor.
Scott, Russell E., assignor.
Thurston, Charles E., assignor.
Esterer, Arnulf K.: *See*—
Katz, D. L., and Esterer.
Esterow, Leo, New York, N. Y. Vanity case. 2,368,918. Feb. 6.
Estes, Phillip H., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic relay. 2,391,692; Dec. 25.
Estienne, Aimé, Lyons, France; vested in the Alien Property Custodian. Circuit breaker. 2,382,703; Aug. 14.
Esval, Orland E.: *See*—
Beach, L. F., Esval, and Lane.
Haskins, R., Jr., Esval, and Curry.
Esval, Orland E., Merrick, and W. Wrigley, Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Drift indicator. 2,379,894; July 10.
Esval, Orland E., Merrick, R. S. Curry, Baldwin, C. F. Fragola, Brooklyn, and L. F. Beach, Merrick, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flux valve compass system. 2,383,461; Aug. 28.
Esval, Orland E., Merrick, and W. Wrigley, Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro-stabilized sextant. 2,389,142; Nov. 20.
Esval, Orland E., Huntington, and W. Wrigley, East Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sextant. 2,389,143; Nov. 20.
Etched Products Corporation: *See*—
Penker, Ernest, assignor.
Etchells, Eugene B., Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,377,681; June 5.
Etessam, Abdolh, Wylde Green, Sutton Coldfield, and G. A. Davies, Olton, Brimingham, assignors to Etessam Rotary Valve Company Limited, Birmingham, England. Internal-combustion engine and rotary valve therefor. 2,379,344; June 26.
Etessam Rotary Valve Company Limited: *See*—
Etessam, A., and Davies, assignors.
Ethyl Corporation: *See*—
Beatty, Harold A., assignor.
Etnyre, E. D., & Co.: *See*—
Etnyre, George M., assignor.
Etnyre, Samuel R., assignor.
Etnyre, George M., assignor to E. D. Etnyre & Co., Oregon, Ill. Distributing apparatus for bituminous and like material. 2,372,065; Mar. 20.
Etnyre, Samuel R., assignor to E. D. Etnyre & Co., Oregon, Ill. Positive displacement gear pump. 2,382,042; Aug. 14.
Etridge, Joseph J., and F. R. Himsworth, Norton-on-Tees, and V. Lefebure, London, England, assignors, by mesne assignments, to said Lefebure. Anhydrite plaster. 2,379,222; June 26.
Etten, Nicholas L., Waterloo, Iowa. Wringer. 2,388,207; Oct. 30.
Etten, Nicholas L., Waterloo, Iowa. Pivotal frame wringer. 2,389,768; Nov. 27.
Ettinger, Henry F., change of name: *See*—
Ettinger, Hermann F.
Ettinger, Hermann F., now by judicial change of name Henry Franklin Ettinger. Apparatus for determining refractive errors of the eye. 2,367,855; Jan. 23.
Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Surgical splint. 2,391,693; Dec. 25.
Ettl, Joseph, Highlands, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Coating machine. 2,367,856; Jan. 23.
Etzel, Gastao, Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of new derivatives of aromatic amines. 2,377,682; June 5.
Eubank, Robert N., Richmond, Va. Reconditioning dry cells. 2,369,033; Feb. 6.
Euclid Road Machinery Co., The: *See*—
Armington, George E., assignor.
Armington, Raymond Q., assignor
Armington, R. Q., S. F., and G. E., assignors.
Eudy, Harnold G., Norfolk, Va. Air or gas pump. 2,388,398; Nov. 6.
Eudy, Nathan L., Wilmington, N. C. Presser foot for sewing machines. 2,372,263; Mar. 7.
Eunson, William H., Wilkinsburg, and H. W. Graybrook, Irwin, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator-seasoning apparatus. 2,383,300; Aug. 21.
Eureka Vacuum Cleaner Company: *See*—
Carlson, Vernon E., assignor.
Coss, G. R., and Comiskey, assignors.
Hollatz, A. C., and Thomas, assignors.
Lloyd, Milby W., assignor.
Mills, Herbert E., assignor.
Sherrer, John M., assignor.
Zellhoefer, G. F., Marvel, and Copley.
Eustathopulo, Marjorie E., New York, N. Y. Vaporizer. 2,390,699; Dec. 11.
Eustis, Warner, Newton, and G. R. Orrill, Western Springs, Ill., assignors to The Kendall Company, Boston, Mass. Pressure-sensitive adhesive sheets. 2,385,319; Sept. 18.
Euth, John E., Chicago, Ill., assignor to United Autographic Register Company. Bursting machine. 2,375,542; May 8.
Evalt, George J., Philadelphia, Pa. Hotel tag or the like. 2,385,778; Oct. 2.
Evangelista, Anthony J., assignor to Boston Herald-Traveler Corporation, Boston, Mass. Apparatus for assembling type characters. 2,378,473; June 19.
Evans, Arthur G.: *See*—
Orelind, J. R., and Evans.
Evans, Arthur G., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,368,125; Jan. 30.
Evans Case Company: *See*—
Reilly, Alfred F., assignor.
Evans, Charles M., Shaker Heights, assignor to The Master Mechanics Co., Cleveland, Ohio. Roofing compound and making same. 2,377,927; June 12.
Evans, Clarence T., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic circuit controller. 2,335,779; Oct. 2.
Evans, Cyril H., Snaresbrook, London, E. 11, England. Preparation of chlorine dioxide and nitrogen oxides. 2,390,432; Dec. 4.
Evans, Cyril H., Cleethorpes, assignor to Spillers Limited, London, England. Treatment of insect-damaged wheat. 2,389,302; Nov. 20.
Evans, David J., Tonbridge, assignor to E. C. D. Limited, Tonbridge Kent, England. Apparatus for preparing solutions. 2,378,134; June 12.
Evans, De Witt F.: *See*—
Schoen, F. C., Evans, and Schoen.
Evans, Elliott A., assignor to C. C. Wakefield & Company Limited, West Ridge, Beaconsfield, England. Lubricant. 2,367,344; Jan. 16.
Evans, Elliott A., and J. S. Elliott, assignors to C. C. Wakefield & Company Limited, Beaconsfield, England. Lubricating oil. 2,388,047; Oct. 30.
Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Fixed temperature responsive device. 2,378,135; June 12.
Evans, Francis C., Dongan Hills, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Fire detection system. 2,387,752; Oct. 30.
Evans, Francis C., Dongan Hills, and K. O. Donelian, New York, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Fire-detecting system. 2,385,976; Oct. 2.
Evans, Fred, Newark, N. J., assignor to Ronson Art Metal Works, Inc. Sharpening means for safety razors. 2,385,436; Sept. 25.
Evans, George E.: *See*—
Gutman, I., and Evans.
Evans, George E., Pittsburgh, Pa., and I. Gutman, Lynbrook, N. Y. Septic tank. 2,367,270; Jan. 16.
Evans, Gerald T., Brazil, Ind. Locating key. 2,372,716; Apr. 3.
Evans, Glenn E., Denver, Colo. Key container. 2,387,319; Oct. 23.
Evans, Hector C., Cranford, and D. W. Young, Roselle, N. J., assignors to Standard Oil Development Company. Stabilized rubber compositons. 2,380,299; July 10.
Evans, Henry M., assignor to L. W. Evans, Gloucester City, N. J. Insignia positioning device. 2,387,986; Oct. 30.
Evans, Joe, Heflin, Ala. Cultivator. 2,389,422; Nov. 20.
Evans, John L., Pine Bluff, Ark. Blowtorch. 2,366,605; Jan. 2.
Evans, Lacey H., and L. J. Huber, Minneapolis, Minn., assignors to General Mills, Inc. Producing pectinous gels and composition. 2,380,739; July 31.
Evans, Lena W.: *See*—
Evans, Henry M., assignor.
Evans, Louis P.: *See*—
Drake, L. C., and Evans, assignors.
Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for contacting gases with a solid material. 2,386,670; Oct. 9.
Evans, Louis P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for the conversion of hydrocarbons. 2,389,493; Nov. 20.
Evans, Luther W., Richmond, Va. Loose-leaf holder. 2,376,423; May 22.
Evans, Martin E., Kankakee, Ill. Metal attenuation 2,374,594; Apr. 24.

Evans, Norman, and P. Docksey, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Column head for batch fractionating columns. 2,383,377; Aug. 21.
Evans, Peter B., Wynnewood, and W. E. Scott, Drexel Hill, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment dispersions. 2,379,070; June 26.
Evans Products Company: *See*—
Anderson, Raymond M., assignor.
Gross, Charles, assignor.
Evans, Ralph L., New York, and E. G. McDonough, Yonkers, assignors to Zotos Corporation, New York, N. Y. Waving hair. Re. 22,660; Aug. 7.
Evans, Ralph M.: *See*—
Hanson, W. T., Jr., and Evans.
Evans, Ralph M., assignor to Eastman Kodak Company, Rochester, N. Y. Colored photographic mask. 2,376,132; May 15.
Evans, Ralph M., and W. T. Hanson, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic color correction process. 2,371,746; Mar. 20.
Evans, Ralph M., and N. D. Miller, assignors to Eastman Kodak Company, Rochester, N. Y. Combination field-evening and color-correction photographic mask. 2,384,612; Sept. 11.
Evans, Randolph: *See*—
Chapman, H. O., and Evans.
Evans, Robley D.: *See*—
Robinson, E., and Evans.
Evans, Russell T., and J. H. Clasen, Anaheim, Calif. Tractor hitch. 2,383,182; Aug. 21.
Evans, Sidney H., Berkeley, Calif. Photographic camera. 2,376,993; May 29.
Evans, Theodore W., *See*—
Marple, K. E., Evans, and Borders.
Marple, K. E., Shokal, and Evans.
Morris, R. C., and Evans.
Williams, P. H., Ballard, and Evans.
Evans, Theodore W., Oakland, assignor to Shell Development Company, San Francisco, Calif. Recovery of olefinic hydrocarbons. 2,379,696; July 3.
Evans, Theodore W., Oakland, Rupert C. Morris, Berkeley, and Edward C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Concentrating diolefins in mixtures containing same. 2,372,941; Apr. 3.
Evans, Theodore W., Oakland, and R. C. Morris, Berkely, assignors to Shell Development Company, San Francisco, Calif. Foam prevention in vapor phase extraction processes. 2,373,951; Apr. 17.
Evans, Theodore W., Oakland, H. de V. Finch and G. W. Hearne, Berkeley, assignors to Shell Development Company. San Francisco, Calif. Hydrogen halide recovery. 2,374,476; Apr. 24.
Evans, Theodore W., Oakland, and R. C. Morris, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of vapors. 2,374,984; May 1.
Evans, Theodore W., Oakland, B. O. Blackburn, Kensington Park District, and J. R. Scheibli, Oakland, assignors to Shell Development Company, San Francisco, Calif. Recovery of olefins. 2,376,239; May 15.
Evans, Theodore W., Oakland, and W. E. Vaughan, and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyzed abnormal addition reactions. 2,376,675; May 22.
Evans, Theodore W., Oakland, and P. H. Williams Berkeley, assignors to Shell Development Company, San Francisco, Calif. Insecticide. 2,379,223; June 26.
Evans, Theodore W., Oakland, and R. C. Morris, and N. C. Melchior, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of diolefins. 2,379,697; July 3.
Evans, Theodore W., Oakland, and R. C. Morris, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of hydrocarbons. 2,389,144; Nov. 20.
Evans, Vere R., Bemidji, Minn. Fishing lure. 2,389,423; Nov. 20.
Evans, William J., Bulwell, Nottingham, England. Fixing pulleys and the like to shafts. 2,391,302; Dec. 18.
Evans, William John R.: *See*—
Bacon, R. G. R., and Evans.
Evarts, Ralph E., Aurora, assignor to The Bastian Blessing Co., Chicago, Ill. Throwover regulator. 2,380,956; Aug. 7.
Eve, Frank H., and A. E. Clarke, Luton, England. Safety razor. 2,379,479; July 3.
Everard, Frederick W., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Interlocking transfer bridge or crane. 2,383,051; Aug. 21.
Everel Propeller Corporation: *See*—
Everts, Walter W., assignor.
Hackethal, Paul F., assignor.
Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container cleaning machine. 2,386,043; Oct. 2.
Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine, 2,391,694; Dec. 25.
Everett, Philip F., Ilford, assignor of one-half to Henry Hughes & Son Limited, London, England. Motion transmitting linkwork. 2,368,813; Feb. 6.
Evering, Bernard L.: *See*—
D'Ouville, E. L., and Evering.
Everitt, David C., Milwaukee, Wis. Multistrand band manufacture. 2,374,529; Apr. 24.
Everlasting Valve Company: *See*—
Wiehl, William J., assignor.
Everston, Joseph H., Milwaukee, Wis. Shoe. 2,383,052; Aug. 21.
Evert, Charles W.: *See*—
Richards, J. R., and Evert.
Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Single-blade propeller. 2,371,160; Mar. 13.
Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Propeller. 2,373,108; Apr. 10.
Every, Elmer D., deceased, by S. F. and V. F. Every, Rochelle Park, and Peoples Trust Company, Bergen County, Hackensack, executors; assignors, by mesne assignments, to Artesian Well & Equipment Co., Inc., Rochelle Park, N. J. Well scraping tool. 2,369,222; Feb. 13.
Every, Sara F., executor, et al.: *See*—
Every, Elmer D.
Every, Virgil F., Rochelle Park, N. J. Well screen. 2,387,725; Oct. 30.
Every, Virgil F., executor, et al.: *See*—
Every, Elmer D.
Eves, Frederick S., assignor to Automotive Products Company Limited, Leamington Spa, England. Fluid pressure remote control system. 2,381,814; Aug. 7.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Electrical prospecting system. 2,375,775; May 15.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Electrical prospecting system. 2,375,776; May 15.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Electrical prospecting system. 2,375,777; May 15.
Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Apparatus for making geophysical explorations. 2,375,778; May 15.
Ewald, Raymond L., and H. A. Skog, Olympia, Wash., assignors to Special Equipment Company, Portland, Oreg. Fruit treating apparatus. 2,388,682; Nov. 13.
Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,386,547; Oct. 9.
Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributing control device. 2,387,570; Oct. 23.
Ewart, John M., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Disintegrating cartridge belt. 2,379,510; July 3.
Ewbank, Walter J.: *See*—
Briggs, S. W., Bauer, and Ewbank.
Ewen, Alfred W., assignor to Standard Telephones and Cables Limited, London, England. Thermionic valve circuit. 2,368,351; Jan. 30.
Eweson, Eric W., New York, N. Y. Device for manipulating contact lenses. 2,379,629; July 3.
Eweson, Eric W., New York, N. Y. Adhesives and their manufacture. 2,388,910; Nov. 13.
Ewing, Frederick J., Pasadena, R. B. Secor, South Gate, and J. G. Warner, East Los Angeles, assignors to Filtrol Corporation, Los Angeles, Calif. Catalyst and forming catalysts. 2,391,312; Dec. 18.
Exact Weight Scale Company, The: *See*—
Pounds, Richard T., assignor.
Excel Auto Radiator Company: *See*—
Briskin, J., and Prosk, assignors.
Ex-Cell-O Corporation: *See*—
Brinkmann, Guenther, assignor.
Coulson, Walter, assignor.
Egleston, Harry, assignor.
Esson, Gordon F., assignor.
Hoffer, James F., assignor.
Klomp, Alfred W., assignor.
Markstrum, John A., assignor.
Markus, August F., assignor.
Mathys, Max A., assignor.
Snader, Ira J., assignor.
Snader, I. J., and Mathys, assignors.
Excelsior Hardware Company, The: *See*—
Komenak, Albert J., assignor.
Exline, Wm., Inc.: *See*—
Falls, Harry D., assignor.
Exner, Donald W., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Limit switch. 2,389,350; Nov. 20.
Extractol Process, Ltd.: *See*—
Bonotto, Michele, assignor.
Extruded Plastics, Inc.: *See*—
Slaughter, Charles E., assignor.
Eyelet Specialty Company, The: *See*—
Book, Charles R., assignor.
Eyler, Lawrence J., Dayton, Ohio, assignor to the United States of America, as represented by the Secretary of War. Bomb release. 2,391,012; Dec. 18.
Eyre, Joseph L.: *See*—
Lycan, W. H., and Eyre.
Ezell, Augustus L., Birmingham, Ala. Metallic railroad tie. 2,386,100; Oct. 2.

F. N. F. Limited: *See*—
Bolden, G. L., and Peel, assignors.
F. & S. Machine Tool Company: *See*—
Guze, Emil B., assignor.
Faber, Benjamin S., New York, N. Y. Fabric. 2,371,038; Mar. 6.
Faber, Leon A., assignor, by mesne assignments, to The James Knights Company, Sandwich, Ill. Multiple edging and squaring radio quartz crystals. 2,383,638; Aug. 28.
Fabian, Frederick W.: *See*—
Beechem, H. A., and Fabian.
Fabriksaktiebolaget Haldataxametern: *See*—
Borg, Ernst L. S., assignor.
Slettengren, Anders I. K., assignor.
Fa-Cile Fastener Corporation: *See*—
Lesti, Arnold, assignor.
Factory Mutual Research Corporation: *See*—
Causer, Herbert W., assignor.
Fadeley, Gilbert M., Struthers, Ohio. Electrode holder. 2,389,969; Nov. 27.
Faegre, Victor A., New York, N. Y. Crotch construction for garments. 2,375,543; May 8.
Fafnir Bearing Company, The: *See*—
Cooper, Stanley M., assignor.
Potter, Howell L., assignor.
Fagan, Joseph F., West Hartford, assignor to The Bush Manufacturing Company, Hartford, Conn. Heat exchange unit. 2,368,814; Feb. 6.
Fagerlund, Arthur, New York, N. Y. Projectile. 2,371,510; Mar. 13.
Fahey, Joseph J., and M. Fleischer, Washington, D. C., and W. W. Rubey, Westmoreland Hills, Md. Extinguishing burning magnesium and the like. 2,368,209; Jan. 30.
Fahnert, Curtis E.: *See*—
Keller, J. H., and Fahnert.
Fahnestock, Frank C., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of heat transfer salts. 2,375,760; May 15.
Fåhraeus, Gustaf E.: *See*—
Ekenäs, T. D. L., and Fåhraeus.
Fåhraeus, Gustaf E., Stockholm, A. R. Lindblad, Djursholm, and S. J. Wallden, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Selenium rectifier. 2,375,355; May 8.
Fahrenwald, Frank A., deceased, by M. P. Fahrenwald, executrix, Chicago, Ill. Heater. 2,367,170; Jan. 9.
Fahrenwald, Marjorie P., executrix: *See*—
Fahrenwald, Frank A.
Fahy, Frank E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Reinforcing bar. 2,376,761; May 22.
Faillot, René, Paris, France; vested in the Alien Property Custodian. Packing bag. 2,375,544; May 8.
Failor, Charles W., Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,366,767; Jan. 9.
Fain, Jacob M., Belle Harbor, assignor to F. D. Snell, Inc., Brooklyn, N. Y. Finishing composition and making. 2,368,126; Jan. 30.
Fair, Irvin E., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,371,613; Mar. 20.
Fairbanks, Henry N., and V. H. Jungjohann, assignors to Eastman Kodak Company, Rochester, N. Y. Safety shutter for motion picture projectors. 2,369,448; Feb. 13.
Fairbanks, Morse & Co.: *See*—
Anderson, Gordon R., assignor.
Bower, Clark D., assignor.
Dimick, William A., assignor.
Lynch, Elbert J., assignor.
Schreck, Henry, assignor.
Winkels, W. G., and Ashcroft, assignors.
Fairchild Aviation Corporation: *See*—
Roters, Herbert C., assignor.
Fairchild Camera and Instrument Corporation: *See*—
Doyle, Irving W., assignor.
Nash, Alfred G., assignor.
Fairchild Engine and Airplane Corporation: *See*—
Bondar, Arsene, assignor.
Johnson, Halex, assignor.
Fairclough, Edward, assignor to Willard Storage Battery Company, Cleveland, Ohio. Making battery separators 2,382,621; Aug. 14.
Fairey Aviation Company Limited, The: *See*—
Forsyth, Archibald G., assignor.
Forsyth, A. G., and Smith-Pert, assignors.
Fairfield Manufacturing Company: *See*—
Boor, Francis H., assignor.
Fairfield, Ronald M.: *See*—
Hunter, P. V., Allcock, and Fairfield.
Fairfield, Walter B.: *See*—
Anderson, D. G., and Fairfield.
Fairhurst, Leonard G., Gloucester, England, assignor to Rotol Limited. Variable-pitch airscrew. 2,372,416; Mar. 27.
Fairley, Frank, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical carrier wave signalling system. 2,370,853; Mar. 6.
Fairley, Frank E., Birmingham, L. T. Lindquist, Bessemer, and C. D. Michaels and H. C. Rodgers, assignors to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Coating sheets. 2,388,131; Oct. 30.
Fairweather, David A. W.: *See*—
Batty, J. W., and Fairweather.
Faith, Herman E.: *See*—
Roblin, R. O., Jr., and Faith.
Winnek, P. S., and Faith.
Faith, Herman Eldridge, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of sulphonylguanidines. 2,377,485; June 5.
Falardeau, Albert J., Milford, Conn. Aircraft power plant. 2,368,755; Feb. 6.
Falco, Louis A., New Haven, Conn., assignor to The Dextone Company. Shower stall. 2,389,724; Nov. 27.
Falcon, William V., Revere, Mass. Engine fuel pump. 2,375,906; May 15.
Fales, William F.: *See*—
Fales, William H., and W. F.
Fales, William H. and W. F., North Hempstead, N. Y. Casein component of water paints. 2,367,108; Jan. 9.
Falk & Company: *See*—
Church, John W., assignor.
Gutkin, Samuel S., assignor.
Falk Corporation, The: *See*—
Schmitter, Walter P., assignor.
Falk, Morris, Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Door lock. 2,370,645; Mar. 6.
Falk, Sven G., assignor to Svenska Aktiebolaget Philips, Stockholm, Sweden. Speed governor for gramophones. 2,375,639; May 8.
Falk, William, Far Rockaway, Long Island, N. Y., assignor to Independent Lock Company, Fitchburg, Mass. Lock mechanism for doors. 2,370,646; Mar. 6.
Falkiner, George B. S.: *See*—
Turner, B. H., and Falkiner.
Falkins, Hillis O.: *See*—
Bell, R. T., Folkins, and Thacker.
Falkner, Albert R., New Kensington, Pa. Block transfer mechanism. 2,369,727; Feb. 20.
Faller, John, Jr.: *See*—
Wojciekunas, A. N., and Faller.
Fallert, Clifford D., assignor to Gaylord Container Corporation, St. Louis, Mo. Portable platform for lift trucks. 2,388,730; Nov. 13.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Print-out emulsions. 2,369,449; Feb. 13.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Ethyl trichloroacetate antifoggant. 2,378,203; June 12.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Mandelic acid antifoggants. 2,378,204; June 12.
Fallesen, George E., assignor to Eastman Kodak Company, Rochester, N. Y. Chloroaniline antifoggants. 2,384,613; Sept. 11.
Fallesen, George E., and J. A. Leermakers, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitized photographic emulsion. 2,378,917; June 26.
Fallon, Thomas A., Sr., Washington, D. C. Stool or chair. 2,369,289; Feb. 13.
Falls, Harry D., assignor to Wm. Exline Inc., Cleveland, Ohio. Binder. 2,382,556; Aug. 14.
Falls, John F., New Paltz, N. Y. Pipe-cutting machine. 2,379,630; July 3.
Falslev, Marinus J., Avon-by-the-Sea, and S. Sims, Red Bank, N. J. Tire carrier. 2,383,476; Aug. 28.
Faltico, Frank J., assignor to The Maico Company, Incorporated, Minneapolis, Minn. Automatic volume control circuit. 2,373,180; Apr. 10.
Faltico, Frank J., assignor to the Maico Company Incorporated, Minneapolis, Minn. Hearing aid device. 2,390,243; Dec. 4.
Famolare, Joseph P., Chestnut Hill, Mass. Shoe. 2,386,786; Oct. 16.
Fancher, Henry B., Scotia, N. Y., assignor to General Electric Company. Concentric transmission line termination. 2,382,217; Aug. 14.
Fanger, Herman J., et al.: *See*—
Shaffer, Cleve F., assignor.
Fanger, Herman J., Piedmont, Calif. Hand grenade gun adapter. 2,368,064; Jan. 23.
Fanger, Herman J., Piedmont, assignor of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, thirty per cent to C. F. Shaffer, San Francisco, and five per cent to H. Gruenhagen, Oakland, Calif. Projectile fuse. 2,378,626; June 19.
Fanger, Herman J., and H. Gruenhagen, Oakland, assignors of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, thirty per cent to C. F. Shaffer, San Francisco, Calif., five per cent to said H. Gruenhagen, and five per cent to said H. J. Fanger. Portable ground mortar. 2,378,691; June 19.
Fanger, Herman J., and H. Gruenhagen, Oakland, and C. F. Shaffer, San Francisco, assignors of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, Calif., thirty per cent to said C. F. Shaffer, five per cent to said H. Gruenhagen, and five per cent to said H. J. Fanger. Mounting device for projectiles. 2,383,053; Aug. 21.

Fankhouser, Leonard E., and E. H. Glotfelty, assignors to Industrial Machine and Supply Co., Pittsburgh, Pa. Lubricating coupler. 2,390,930; Dec. 11.
Fannin, Raymond B., Denver, Colo. Filling liquid gas bottles. 2,387,894; Oct. 30.
Fanton, Emilio L. and R. R., Buenos Aires, Argentina. Wool cleaning machine. 2,373,238; Apr. 10.
Fanton, Roberto R.: *See*—
Fanton, Emilio L. and R. R.
Faragó, Julius, Budapest, Hungary; vested in the Alien Property Custodian. Apparatus for refrigeration. 2,378,692; June 19.
Farber, Eduard: *See*—
Wallerstein, J. S., Alba, and Farber.
Färber, Eduard, assignor to Polyxor Chemical Co., Inc., New Haven, Conn. Utilization of wood acids. 2,367,462; Jan. 16.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Conveyer structure. 2,371,747; Mar. 20.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Distributor structure. 2,385,780; Oct. 2.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Distributor structure. 2,385,781; Oct. 2.
Faris, Harold P., Philadelphia, Pa., and J. E. White, Trenton, N. J., assignors to National Automotive Fibres, Inc., Detroit, Mich. Making cemented pile carpet. 2,389,657; Nov. 27.
Farkas, Eugene J.: *See*—
Sheldrick, L. S., Farkas, and Nador.
Farkas, Kálmán, Budapest, Hungary; vested in the Alien Property Custodian. Boat. 2,369,034; Feb. 6.
Farkas, Lorraine, New York, N. Y. Tray. 2,369,728; Feb. 20.
Farkas, William, and I. Friedman, Brooklyn, N. Y. Tip holder and feeder for sewing machines. 2,378,072; June 12.
Farley, Ralph C., and J. W. Gillespie, Henderson, Tex. Hydraulic lifting mechanism. 2,366,777; Jan. 9.
Farlow, Mark W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hexamethylene di-isocyanate. 2,374,340; Apr. 24.
Farlow, Mark W., and G. M. Whitman, Brandywine Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of carboxylic acids. 2,390,576; Dec. 11.
Farmer, Clyde C.: *See*—
Down, S. G., and Farmer.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,379,289; June 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,381,212; Aug. 7.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,383,244; Aug. 21.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,385,130; Sept. 18.
Farmer, Ernest H., Radlett, assignor to The British Rubber Producers' Research Association, London, England. Preparation of oil resisting rubbers. 2,379,345; June 26.
Farmer, Frank H., deceased, by M. E. Farmer, executrix, Hinsdale, Ill., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Booster regulator. 2,381,271; Aug. 7.
Farmer, Horace V., Sault Ste. Marie, Ontario, Canada. Multiple type vacuum cups. 2,385,977; Oct. 2.
Farmer, Melvin M., Blue Island, Ill. Invalid transfer device. 2,375,907; May 15.
Farmer, Melvin M., Blue Island, Ill. Invalid transfer device. 2,375,908; May 15.
Farmer, Melvin M., Blue Island, Ill. Seat for invalid transfer devices. 2,380,102; July 10.
Farmer, Millie E., executrix: *See*—
Farmer, Frank H.
Farmers Mercantile Company: *See*—
Renault, Jean C., assignor.
Farner, Lewis S., New Kensington, Pa. Sanding machine. 2,370,723; Mar. 6.
Farnham, Merle G.: *See*—
Helmer, R. G., and Farnham.
Farnsworth, Fordyce B.: *See*—
Hanlon, R. H., and Farnsworth.
Farnsworth Television and Radio Corporation: *See*—
Bartels, Arnold H., assignor.
Cawein, Madison, assignor.
Hallmark, Clyde E., assignor.
Halstead, William S., assignor.
Huffnagle, George W., assignor.
Johnson, Lambert L., assignor.
Kahl, F., and Booher, assignors.
Knox, A. L., and Kahl, assignors.
Mayle, Louis F., assignor.
Farnsworth Television and Radio Corporation: *See*—Continued
Nelson, Arthur L., assignor.
Nelson, Walter H., assignor.
Pressley, Jackson H., assignor.
Sanders, Robert W., assignor.
Small, Thomas W., assignor.
Weaver, Jerald D., assignor.
White, J. W., and ter Veen, assignors.
Farnum, Frederick E.: *See*—
Bessin, H. E., and Farnum.
Farny, Cyril, St. Charles, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Vertical piano action. 2,383,301; Aug. 21.
Farr, Wanda K., Yonkers, N. Y., assignor to The Chemical Foundation, Incorporated. Rayon. 2,371,233; Mar. 13.
Farr, Warren H., Detroit, Mich., assignor, by mesne assignments, to Budd Induction Heating, Inc., Philadelphia, Pa. Reinforced explosive projectile. 2,368,210; Jan. 30.
Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,374,853; May 1.
Farr, Warren H., Grosse Pointe Farms, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Trailer. 2,387,504; Oct. 23.
Farr, Warren H., Grosse Pointe Farms, and E. P. Hawthorne, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Work holder. 2,372,478; Mar. 27.
Farrand, Maud M., Marshall, Ark. Display device. 2,374,341; Apr. 24.
Farrar, John F. P.: *See*—
Toepper, G., and Farrar.
Farrel-Birmingham Company, Incorporated: *See*—
Gordon, William A., assignor.
Kuehn, Howard E., assignor.
Kuhns, Austin, assignor.
Winslow, Albert E., assignor.
Farrell, Edward J. S., administrator: *See*—
Tappan, Charles O.
Farrell, Frederick L.: *See*—
Farrell, S. T. and F. L.
Farrell, Sydney T. and F. L.
Farrell, Frederick W., West Brookfield, assignor to Plymouth Cordage Company, Plymouth, Mass. Authenticating device for filled bottles and the like. 2,368,815; Feb. 6.
Farrell, James K., and W. C. Eichelberger, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Separation of chlorine and sulphur dioxide. 2,377,138; May 29.
Farrell, Lawrence S., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Portable filter. 2,389,189; Nov. 20.
Farrell, Sydney T., Belmont, Mass. Explosive projectile. 2,375,983; May 15.
Farrell, Sydney T. and F. L., Belmont, Mass. Protective apparatus. 2,375,984; May 15.
Farrell, Sydney T. and F. L., Belmont, Mass. Bolt. 2,391,232; Dec. 18.
Farrell, Thomas B., Pittsburgh, Pa. Urinary appliance. 2,379,346; June 26.
Farrell, Valdemar C., New York, N. Y. Lifeboat drain and plug. 2,367,718; Jan. 23.
Farrington, Bruce B.: *See*—
Kavanagh, F. W., Farrington, and Clayton.
Farrington, Bruce B., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Compounded lubricant. 2,370,299; Feb. 27.
Farrington, Bruce B., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Lubricant. 2,370,300; Feb. 27.
Farrington, Bruce B., J. O. Clayton, and J. T. Rutherford, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded mineral oil. 2,382,043; Aug. 14.
Farrington, Robert K.: *See*—
Farrington, T. B. and R. K., and Dalzell.
Farrington, T. B. and R. K., and Keller.
Farrington, Thayer B. and R. K., Cleveland Heights, and W. T. Keller, assignors to The Thompson Electric Company, Cleveland, Ohio. Lamp hanger stem and guide. 2,377,871; June 12.
Farrington, Thayer B. and R. K., Cleveland Heights, and H. L. Dalzell, assignors to The Thompson Electric Company, Cleveland, Ohio. Multiple contact lamp hanger. 2,377,872; June 12.
Farris, John F.: *See*—
Martin, C. A., and Farris.
Farris, Victor W., New York, N. Y. Power transmission means. 2,374,672; May 1.
Farson, Ernest, Xenia, Ohio. Adjustable leg. 2,384,020; Sept. 4.
Fasce, Egi V., Baton Rouge, La., assignor to Standard Oil Development Company. Separation of acetylenes from hydrocarbon mixtures. 2,384,902; Sept. 18.
Fasce, Egi V., Baton Rouge, La., assignor, by mesne assignments, to Jasco, Incorporated. Selective extraction of diolefins from hydrocarbon mixtures. 2,386,044; Oct. 2
Fasce, Egi V., and L. E. Pirkle, Baton Rouge, La., assignors, by mesne assignments, to Jasco, Incorporated. Extraction of butadiene. 2,389,658; Nov. 27.

Fash, Ralph H., Trustee: *See*—
Campbell, J. G., and (Fash, assignor).
Fashion Frocks, Inc.: *See*—
Skinner, Charles W., assignor.
Fasick, Leland B., Richmond, Ind., assignor to International Harvester Company. Fertilizer distributor. 2,368,127; Jan. 30.
Fasken, Norman R.: *See*—
Andersen, A. H., and Fasken.
Fasold, George A., Mount Healthy, Ohio, assignor to The Philip Carey Manufacturing Company. Mixing machine. 2,368,977; Feb. 6.
Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Bituminous paint. 2,385,437; Sept. 25.
Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Fire extinguishing composition and the manufacture thereof. 2,385,500; Sept. 25.
Fassel, Elgin G., Milwaukee, Wis. Photographic recording method and equipment. 2,367,673; Jan. 23.
Fassel, Elgin G., Milwaukee, Wis. Document reading microscope. 2,372,192; Mar. 27.
Fassel, Elgin G., Milwaukee, Wis. Filter controlled photographic recording equipment. 2,372,890; Apr. 3.
Fassin, Gustave, Grosse Pointe, Mich., assignor to Argus, Inc. Mirror prism for optical instruments. 2,378,396; June 19.
Fast, Marion L.: *See*—
Firth, D., and Fast
Fate, Jessee E., Jr.: *See*—
McKissick, W. H., and Fate.
Faulhaber, Roland W., Monroeville, Ohio. Cycle saddle post. 2,374,809; May 1.
Faulk, Donald P., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control circuits. 2,372,068; Mar. 20.
Faulk, Donald P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic full cycle timing control. 2,389,351; Nov. 20.
Faulkner, Carlton W., Santa Monica, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Voltage regulation for rectifiers. 2,373,750; Apr. 17.
Faulkner, June E., Chicago, Ill. Beverage. 2,391,559; Dec. 25.
Faulkner, Michael: *See*—
Hicks, Paris P., assignor.
Faultless Caster Corporation: *See*—
Noelting, W. H., and Prothero, assignors.
Faunce, Samuel I.: *See*—
Maud, F., and Faunce.
Faure, Marthe, Tulsa, Okla. Shopping cart. 2,372,372; Mar. 27.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Magnetic transmission. 2,371,511; Mar. 13.
Fauser, Richard, Kenmore, assignor to M S W Manufacturing Company, Incorporated, Buffalo, N. Y. Machine for cutting metal parts. 2,366,247; Jan. 2.
Fausset, Ernest R.: *See*—
Poole, L. E., and Fausset.
Fausset, Ernest R., Ingalls, and F. L. Zion, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Armature coil lead staking machine. 2,385,619; Sept. 25.
Faust, Alexander L., New York, N. Y. Laundry marking machine. 2,370,152; Feb. 27.
Faust, Charles L., assignor to Battelle Memorial Institute. Columbus, Ohio. Anodically polishing stainless steel. 2,366,712; Jan. 9.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing nickel. 2,366,713; Jan. 9.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Electrolyte for and anodically polishing copper. 2,366,714; Jan. 9.
Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Anodically polishing zinc. 2,373,466; Apr. 10.
Faust, Edmund H., Elmont, O. C. Hollstein, Elmhurst, N. Y., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Manual tilt table. 2,379,071; June 26.
Faust, Ellwood L.: *See*—
Pool, S. D., and Faust, assignors.
Fauver, Stanley T.: *See*—
Helseth, S. T., and Fauver.
Faver, Louis, Goshen, N. Y. Speed indicator and control. 2,374,985; May 1.
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Processing of hydrocarbons. 2,389,659; Nov. 27.
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Isomerization process. 2,389,660; Nov. 27.
Fawcett, Eric W. M., and E. S. Narracott, Sunbury-on-Thames, assignors to Anglo-Iranian Oil Company Limited, London, England. Processing of hydrocarbons. 2,391,775; Dec. 25.
Fawick, Thomas L., Akron, Ohio. Clutch. 2,375,909; May 15.
Fawick, Thomas L., Akron, Ohio. Making crankcases. 2,382,303; Aug. 14.
Fawkes, Donald G., assignor to Crane Co., Chicago, Ill. Valve closure member. 2,367,640; Jan. 16.
Fawkes, Donald G., Chicago, Ill., assignor to Crane Co., Chicago, Ill. Valve operating system. 2,387,215; Oct. 16.
Faximile, Inc.: *See*—
Hogan, John V. L., assignor.
Ressler, Hugh C., assignor.
Tribble, William H., assignor.
Fay, Albert H., Jr., Nyack, assignor to The Patent and Licensing Corporation, New York, N. Y. Fastening device. 2,367,109; Jan. 9.
Fay, Clifford E.: *See*—
Clark, J. E., Fay, and Ronci.
Fay, Horace B. and T. H., Willoughby, assignors to Gridiron Steel Company, Cleveland, Ohio. Ventilated wooden ironing table top. 2,386,045; Oct. 2.
Fay, Joseph W. and R., Villa Park, Ill.; said R. Fay assignor to said J. W. Fay. Retaining means. 2,371,234; Mar. 13.
Fay, Rudolph: *See*—
Fay, Joseph W., and R.
Fay, Thomas H.: *See*—
Fay, Horace B. and T. H.
Fayers, Alfred A., Heston, England, assignor to Philco Corporation. Audio amplifier system. 2,367,110; Jan. 9.
Fear, Ernest D., assignor of thirty percent to I. E. Fear, and twenty percent of Helendoris Murphy, Kansas City, Mo. Making homogenized milk products. 2,374,427; Apr. 24.
Fear, Irving E., et al.: *See*—
Fear, Ernest D., assignor.
Fearey, James E.: *See*—
Huebner, D. W., and Fearey.
Fearon, Robert E.: *See*—
Scherbatskoy, S. A., Fearon, Neufeld, and Swift.
Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well survey method and apparatus. 2,368,532; Jan. 30.
Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well survey method and apparatus. 2,390,433; Dec. 4.
Fearon, Robert E., Tulsa, Okla., assignor to Well Surveys, Incorporated. Well logging method. 2,390,931; Dec. 11.
Feasley, Charles F.: *See*—
Badertscher, D. E., Crowley, and Feasley.
Feaster, Allen F., Boulder, Colo. Universal lathe tool post. 2,374,477; Apr. 24.
Featherer, Ralph L.: *See*—
Batchelder, G. W., Featherer, and Hughes.
Fechheimer, Carl J., Milwaukee, Wis. Cooling means for dynamoelectric machines. 2,381,122; Aug. 7.
Fechheimer, Paul R.: *See*—
Hallead, M., and Fechheimer.
Fechtenburg, Jörgen F. H., Cheltenham Township, Montgomery County, Pa. Airplane carrier. 2,381,583; Aug. 7.
Fedden, Alfred H. R., and F. M. Owner, Bristol, England; F. M. Thomas, North Adams, Mass., and S. W. Mansell, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Power plant for aircraft. 2,389,778; Nov. 27.
Fedders Manufacturing Company, Inc.: *See*—
Worth, W., Walker, and Whitt, assignors.
Feder, Abe H., New York, N. Y. Lamp. 2,369,778; Feb. 20.
Federal Cartridge Corporation: *See*—
Hoffman, H. W., and Helmer, assignors.
Federal Electric Company, Inc.: *See*—
Goldstein, P., and Gillette, assignors.
Richter, H. W., and Gillette, assignors.
Kopp, Carl J., assignor.
Federal Electric Products Company, Inc: *See*—
Ballou, R. P., and Daly, assignors.
Christensen, Paul M., assignor.
Cole, Thomas M., assignor.
Taylor, Tracy B., assignor.
Federal Flooring Corporation, The: *See*—
Donelson, W. W., and Downey, assignors.
Federal-Mogul Corporation: *See*—
Smith, Salem A., assignor.
Federal Products Corporation: *See*—
Worthen, John H., assignor.
Federal Security Agency, the Government of the United States, as represented by the Administrator of the: *See*—
Hertz, R., and Sebrell, assignors.
Federal Telegraph Company: *See*—
Alford, Andrew, assignor.
Federal Telephone & Radio Corporation: *See*—
Alford, Andrew, assignor.
Alford, A., and Fuchs, assignors.
Alford, A., and Patterson, assignors.
Alford, A., Segerstrom, and Capen, assignors.
Boehlen, C. F. J., and Biske, assignors.
Busignies, H. G., and Richardson, assignors.
Butler, Seth E., assignor.
Charchian, Benjamin M., assignor.
Chevigny, Paul G., assignor.
Clarke, Carole A., assignor.

Federal Telephone & Radio Corporation: *See*—Continued
Deloraine, E. M., and de Rosa, assignors
Dodington, Sven, H. M., assignor.
Erb, George H., assignor.
Frankel, Sidney, assignor.
Goodale, Lynn C., assignor.
Hoffman, Ross B., assignor.
Hotine, William, assignor.
Iden, Floyd W.
Jammer, Jacob S., assignor.
Kandoian, Armig G., assignor.
Kotterman, Chester A., assignor.
Leibe, Frank A., assignor.
McGuigan, William D., assignor.
Miller, A. J., and Sauerborn, assignors
Prall, James R., assignor.
Regan, Edmund J., assignor.
Richardson, Avery G., assignor.
Rifenbergh, Clare M., assignor.
Ryan, Albert O., assignor.
Saslaw, Max R., assignor.
Saslaw, Otto, assignor.
Saslaw, O., and Carlson, assignors.
Segerstrom, Carl A., Jr., assignor.
Shank, Clifford A., assignor.
Sherman, Vernon W., assignor.
Shoemaker, George H., assignor.
Skinker, Murray F., assignor.
Suydam, Clinton H., assignor.
Watts, Chester B., Jr., assignor.

Federal Trading Co.: *See*—
Ertner, August C., assignor.

Federighi, George J., San Francisco, Calif. Rinsing head for automatic dishwashers. 2,388,258; Nov. 6.

Federman, Jack, Brooklyn, N. Y. Coat garment. 2,379,511; July 3.

Federn, Hans R., Oxford, England. Loose-leaf filing device. 2,372,717; Apr. 3.

Federwitz, Theodore A., and H. Grotewold, assignors to Stokes & Smith Company, Philadelphia, Pa. Adhesive applying system. 2,384,021; Sept. 4.

Fedje, Ida J., Minneapolis, Minn. Egg separator. 2,383,245; Aug. 21.

Fedorchak, William J., Granite City, Illinois, assignor to Owens-Illinois Glass Company. Article handling apparatus. 2,371,748; Mar. 20.

Feeley, Henry J.: *See*—
Amrhein, H. L., and Feeley.

Feenaughty Machinery Co.: *See*—
Baker, Rhea V., assignor.

Feeney, Terence W., Wellington, New Zealand. Back lash take-up. 2,389,035; Nov. 13.

Fees, John N., Spokane, assignor to H. Brandt, Palouse, and L. O. Ballard, Spokane, Wash. Loader. 2,381,892; Aug. 14.

Feese, Fred F: *See*—
Hallenius, A. R., and Feese.

Fehling, Hans R., London, England. Internal-combustion engine and combustion mixture therefor. 2,376,479; May 22.

Feicht, Robert N., Dayton, Ohio. Calculator. 2,373,671; Apr. 17.

Feichter, Harold R., Canton, Ohio, assignor to United States Quarry Tile Company. Arbor chuck. 2,366,778; Jan. 9.

Feider, Mathias, Madison, Ind. Gutter hanger. 2,389,494; Nov. 20.

Feight, Oscar J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Grinder. 2,379,957; July 10.

Feikert, Adrian H.: *See*—
Szegvari, A., and Feikert

Feilchenfeld, Arthur, Jr.: *See*—
Olsen, A. G., and Fehlberg.
Utley, R. C., and Feilchenfeld.

Feild, Alexander L., Towson, Md., assignor to Rustless Iron and Steel Corporation. Alloy process. 2,378,397; June 19.

Feild, Alexander L., Towson, Md., assignor to Rustless Iron and Steel Corporation. Alloy process. 2,387,130; Oct. 16.

Feild, Alexander L., Towson, Md., assignor to Rustless Iron and Steel Corporation. Grinding dust separation. 2,388,731; Nov. 13.

Feiler, William, West New York, N. J., assignor to Arrow Manufacturing Company Incorporated, Hoboken, N. J. Attachment to stamping machines or the like for holding and feeding strips. 2,369,551; Feb. 13.

Felix, Fremont and A. C. Hugin, Schenectady, N. Y., assignors to General Electric Company. Dynamoelectric machine. 2,387,062; Oct. 16.

Felix, Friedrich, and W. Zurcher, deceased, Basel, by J. Zurcher, administrator, Horgen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Nitro sulphate azo dyes. 2,387,987; Oct. 30.

Felix, Friedrich, and W. Zurcher, deceased, Basel, by J. Zurcher, administrator, Horgen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Nitration products of monoazo dyestuffs. 2,387,988; Oct. 30.

Fein, Martin L.: *See*—
Fisher, C. H., and Fein.

Feinauer, Lyman R., and R. S. Payne, Salt Lake City, Utah, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Liquid purification. 2,383,302; Aug. 21.

Feinberg, Archie S., Dallas, Tex. Air conditioning apparatus. Re. 22,675; Sept. 25.

Feinbloom, William, New York, N. Y. Perimeter. 2,374,854; May 1.

Feindel, Abbott, East Orange, assignor to Tung-Sol Lamp Works, Inc., Newark, N. J. Electronic device. 2,377,334; June 5.

Feisst, Walter, O. Roelen, and W. Schuff, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Synthesis of multilink hydrocarbons from hydrogen and carbon monoxide. 2,369,956; Feb. 20.

Felber, John, Hillside, N. J., assignor to American Can Company, New York, N. Y. Sheet treating machine. 2,371,161; Mar. 13.

Felch, Edwin P., Jr.: *See*—
Dennis, F. R., and Felch.

Felch, Edwin P., Jr., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic measuring of cross talk. Re. 22,620; Mar. 20.

Felcher, Fred R., Chicago, Ill. Apparatus for making artificial teeth. 2,368,816; Feb. 6.

Feldhausen, Cyril P., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for multimotor drives. 2,379,072; June 26.

Feldman, Bernard M.: *See*—
Feldman, Max and B. M.

Feldman, Max, Miami Beach, Fla. Safety razor. 2,366,445; Jan. 2.

Feldman, Max and B. M., Detroit, Mich. Igniting tip for cigarettes and the like. 2,371,287; Mar. 13.

Feldstein, Henry H., Cleveland, Ohio. Crystallizing apparatus. 2,379,895; July 10.

Feldtkeller, Carl L., assignor to Solar Corporation, Milwaukee, Wis. Transfer mechanism for grid panels. 2,380,957; Aug. 7.

Feldtkeller, Carl L., assignor to Solar Corporation, Milwaukee, Wis. Transfer mechanism for grid panels. 2,381,153; Aug. 7.

Felix, Friedrich, and A. Heckendorn, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Mixture of azo dyestuffs. 2,384,734; Sept. 11.

Felker, Lester L.: *See*—
Martz, Loyd C., assignor.

Fell, Hugh P.: *See*—
Lemmel, P. T., and Fell.

Fell, Norbert H., assignor to Parke, Davis & Company, Detroit, Mich. Biological product and obtaining same. 2,372,066; Mar. 20.

Fell, Norbert H., assignor to Parke, Davis & Company, Detroit, Mich. Biological product and obtaining same. 2,376,424; May 22.

Fellman, Abraham C., Norfolk, Va. Threaded shoe sole and heel. 2,383,117; Aug. 21.

Fellner, Phyllis K., Los Angeles, Calif. Flexible band knife. 2,390,700; Dec. 11.

Fellows Gear Shaper Company, The: *See*—
King, Harry, assignor.
Miller, Edward W., assignor.
Ross, Walter F., assignor.

Fellows Gear Shaper Company, The, et al.: *See*—
Ross, Walter F., assignor.

Felsecker, John J., Calumet City, Ill., assignor to Graver Tank & Mfg. Co. Liquid treatment. 2,377,545; June 5.

Felt Products Manufacturing Co.: *See*—
Crampton, Donald S., assignor.

Felt and Tarrant Manufacturing Company: *See*—
Turck, Joseph A. V., assignor.

Feltes, Frances E.: *See*—
Gray, Walter L., assignor.

Feltman, Eric G.: *See*—
Strauss, A., Feltman, Hunt, and Harbaugh.

Felton, S. A., & Son Company: *See*—
Cadeau, Alvin P., assignor.

Felver, Richard I., and B. F. Parr, Mansfield, Ohio, assignors to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Toasting apparatus. 2,378,073; June 12.

Felzer, William, and S. Weinberg, San Francisco, Calif. Compressor. 2,387,505; Oct. 23.

Feman, Louis G., Jamaica, N. Y. Protective helmet. 2,383,597; Aug. 28.

Fendring, Harry E., Los Angeles, Calif., assignor to A. Ferstat di Valvasone. Door lock. 2,366,847; Jan. 9.

Fener, Abe, Bronx, assignor to C. Fener, New York, N. Y. Manufacture of airplane frames, etc. 2,378,759; June 19.

Fener, Clara: *See*—
Fener, Abe, assignor.

Fenn, Clyde J., Seattle, Wash. Roofing machine. 2,373,239; Apr. 10.

Fenn, James E., Troy, Ohio, assignor, by mesne assignments, to Stein, Hall & Co., Inc. Adhesive starch composition and making same. 2,372,666; Apr. 3.

Fenn, Orrin E., assignor to Peters-Dalton, Inc., Detroit, Mich. Air washer. 2,379,795; June 3

Fennell, William A., Clairton, Pa. Sealing rotary plug type valves. 2,389,036; Nov. 13.

Fennema, Richard: *See*—
De Craene, E. P., and Fennema.

Fenner, Gladys M., Cleveland, Ohio. Stepladder. 2,381,492; Aug. 7.
Fenner, Jack D., South Bend, Ind. Internal cutting device. 2,372,626; Mar. 27.
Fenno, George F., Swarthmore, Pa. Fluid control. 2,372,417; Mar. 27.
Fenosa, Miguel G., Barcelona, Spain. Apparatus for fixing the tool in the lathe. 2,375,295; May 8.
Fenton, Estil I., Los Angeles, Calif. Aircraft bomb equipment. 2,376,994; May 29.
Fenton, Estil I., Long Beach, Calif. Distress signal device for aircraft, etc. 2,380,587; July 31.
Fenton, Frank, Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Valve for hollow inflatable articles. 2,387,433; Oct. 23.
Fenton, Paul E.: *See*—
Seaver, D. A., and Fenton.
Fenton, Paul E., Middlebury, assignor to Scovill Manufacturing Company, Waterbury, Conn. Applying laundry-proof fasteners. 2,371,813; Mar. 20.
Fenton, Warren, Philadelphia, Pa. Mounting device for wheels. 2,372,891; Apr. 3.
Fenwal Incorporated: *See*—
Smith, Norman J., assignor.
Fenwick, Frank W., Cleveland, Ohio. Rolling machine for rubber articles or the like. 2,375,093; May 1.
Fenwick, Ivy D., Brooklyn, N. Y. Colostomy pan. 2,380,740; July 31.
Ferenci, John T., Trenton, N. J. Drawing wires. 2,383,118; Aug. 21.
Ferger, Hulbert K., Flushing, assignor of one-half to J. B. Thomson, Plandome, N. Y. Automatic work locator. 2,369,223; Feb. 13.
Ferger, Hulbert K., Flushing, assignor of one-half to J. B. Thomson, Plandome, N. Y. Marking device. 2,369,224; Feb. 13.
Fergŭeson, Arthur P.: *See*—
Schatzman, G. W., and Fergueson.
Fergueson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield molding. 2,369,035; Feb. 6.
Fergueson, Arthur P., and G. W. Schatzman, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield fastener. 2,372,069; Mar. 20.
Fergueson, Arthur P., and G. W. Schatzman, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield attaching clamp. 2,372,070; Mar. 20.
Ferguson, Albert C., Jacksonville, Fla. Metallic awning. 2,383,639; Aug. 28.
Ferguson, Albert C., Jacksonville, Fla. Cool shade awning. 2,389,970; Nov. 27.
Ferguson, Charles, Edinburgh 9, Scotland. Extractor tool. 2,376,676; May 22.
Ferguson, Frank A., Baytown, Tex., assignor to Standard Oil Development Company. Concentration of petroleum acid sludges. 2,379,224; June 26.
Ferguson, Harry, Inc.: *See*—
Heitshu, Daniel C., assignor.
Ferguson, Henry G., Belfast, North Ireland. Tractor for agricultural implements. Re. 22,642; May 15.
Ferguson, J. Allen, Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Furniture leg mounting. 2,386,201; Oct. 9.
Ferguson, John P., San Francisco, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding method and apparatus. 2,376,762; May 22.
Ferguson, Kenneth C., assignor to Anderson Box Company, Indianapolis, Ind. Corrugated paperboard chick feeder. 2,367,491; Jan. 16.
Ferguson, Ralph M., Dayton, Ohio. Portable safe. 2,384,826; Sept. 18.
Ferguson, Robert P.: *See*—
Schumacher, F. W., and Ferguson.
Ferguson, Victor J., Saskatoon, Saskatchewan, Canada. Summary attachment for typewriters. 2,378,841; June 19.
Ferguson, Warren T., Waban, assignor to Anderson Products, Inc., Cambridge, Mass. Steam heating system and control valve therefor. 2,378,760; June 19.
Ferla, John, Chicago, Ill., assignor of one-fourth to P. X. Blaettler, Oaklyn, and three-fourths to U. S. Asbestos Cement Pipe Company, Camden, N. J. Apparatus for manufacturing pipes of composition material. 2,373,672; Apr. 17.
Ferla, John, assignor to U. S. Asbestos Cement Pipe Company, Camden, N. J. Machine for producing pipes. 2,374,086; Apr. 17.
Ferla, John, assignor to U. S. Asbestos Cement Pipe Company, Camden, N. J. Apparatus and process for making pipes. 2,374,087; Apr. 17.
Ferm, John F., Midland, Pa., assignor to Crucible Steel Company of America, New York, N. Y. Apparatus for cold rolling. 2,376,240; May 15.
Fermier, George F., assignor to Reed Roller Bit Company, Houston, Tex. Testing means. 2,389,190; Nov. 20.
Fern, Jules C., et al.: *See*—
Fern, Oscar, assignor.
Fern, Oscar, assignor to J. C. Fern, H. Sobel, and O. Fern, co-partners doing business as Fern Shoe Co., Los Angeles, Calif. Shoe and making same. Re. 22,695; Nov. 27.
Fern Shoe Co.: *See*—
Fern, Oscar.
Fernald, Mark E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Distributing apparatus. 2,381,893; Aug. 14.
Fernandez, Pedro E. G., Mexico City, Mexico. Indirect seam or suture for wounds. 2,387,131; Oct. 16.
Fernberger, Harry M., Cleveland Heights, Ohio, assignor to General Electric Company. Luminescent material. 2,372,071; Mar. 20.
Fernelius, Willis C.: *See*—
Campbell, F. L., and Fernelius.
Fernelius, Willis C., and J. P. McReynolds, Columbus, Ohio, assignors to Southern Acid & Sulphur Company, Inc., St. Louis, Mo. Extraction of sulphur from gases. 2,386,202; Oct. 9.
Fernelius, Willis C., West Lafayette, Ind., and J. P. McReynolds, Columbus, Ohio. Apparatus for extracting sulphur from gases. 2,386,390; Oct. 9.
Fernholz, Erhard, deceased, by M. B. Fernholz, Princeton, N. J., administratrix, assignor to E. R. Squibb & Sons, New York, N. Y. Cyclic ketals of keto-cyclopentanoperhydrophenanthrenes and preparing them. 2,378,918; June 26.
Fernholz, Mary B., administratrix: *See*—
Fernholz, Erhard.
Fernstrum, Robert W., Detroit, Mich. Outboard marine heat exchanger. 2,382,218; Aug. 14.
Feron, Francois, Landigou, France; vested in the Alien Property Custodian. Thread. 2,382,704; Aug. 14.
Feroy, Arne, New York, N. Y. Internal-combustion engine. 2,370,456; Feb. 27.
Feroy, Arne, assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Mechanism for the interconversion of reciprocation and rotation. 2,384,290; Sept. 4.
Feroy, Arne, assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Engine frame. 2,384,291; Sept. 4.
Feroy, Arne, Staten Island, assignor to Rogers Diesel and Aircraft Corporation, New York, N. Y. Engine structure. 2,384,292; Sept. 4.
Ferran, Herbert E., Eustis, Fla. Child's enclosure. 2,369,552; Feb. 13.
Ferrel, Clyde B., San Francisco, Calif. Shell structure. 2,373,883; Apr. 17.
Ferrex Corporation: *See*—
Frothingham, Donald M., assignor.
Ferri, Henry J., Port Richmond, Staten Island, assignor to The Lionel Corporation, New York, N. Y. Toy track layout. 2,366,848; Jan. 9.
Ferriero, Ernest, Brooklyn, N. Y. Platform shoe. 2,378,074; June 12.
Ferries, Thomas W., Los Angeles, Calif. Combined drill and reamer. 2,369,120; Feb. 13.
Ferrill, Thomas M., Jr., East Hempstead, Long Island, N. Y., assignor to National Company, Inc., Malden, Mass. Electric system. 2,370,724; Mar. 6.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,381,894; Aug. 14.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,382,219; Aug. 14.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,384,903; Sept. 18.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Cleansing dishes. 2,385,264; Sept. 18.
Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,390,577; Dec. 11.
Ferris Instrument Corporation: *See*—
Tyzzer, Howard J., assignor.
Ferris, Roy W., Muskegon Heights, Mich. Demountable rotor. 2,383,119; Aug. 21.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,385,069; Sept. 18.
Ferris, Warren R., East Orange, N. J., assignor to Radio Corporation of America. Frequency modulation detection system. 2,367,764; Jan. 23.
Ferris, Warren R., Kingston, N. J., assignor to Radio Corporation of America. Secondary electron emitter. 2,390,701; Dec. 11.
Ferris, William D., Sterling, Ill., assignor to Frantz Manufacturing Co., Sterling, Ill. Closure operating mechanism. 2,390,086; Dec. 4.
Ferris, William D., C. R. Wolf, and N. M. Foulds, assignors to Frantz Manufacturing Co., Sterling, Ill. Garage door. 2,369,141; Feb. 13.
Ferro, Casimiro, West New Brighton, Staten Island, N. Y. Airplane. 2,366,321; Jan. 2.
Ferro Enamel Corporation: *See*—
Dany, E. W., and Gruber, assignors.
Elliott, Stanley B., assignor.
Schaal, Robert B., assignor.
Ferro Engineering Company: *See*—
Charman, W. M., and (Anthony, assignor).
Ferro Stamping & Manufacturing Company: *See*—
Joachim, Joseph G., assignor.
Ferry, John D.: *See*—
Cohn, E. J., and Ferry, assignors.

Ferry, John D., Woods Hole, Mass., assignor to Research Corporation, New York, N. Y. Manufacture of plastics. 2,385,802; Oct. 2.
Ferry, John T., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Paper feed. 2,369,729; Feb. 20.
Ferry, John T., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Punch. 2,387,837; Oct. 30.
Ferry, John T., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Card positioning means. 2,376,241; May 15.
Fesler, Robert H., Manhasset, N. Y. Manufacture of footwear. 2,379,480; July 3.
Fessler, William A., Camillus, assignor to The Solvay Process Company, New York, N. Y. Removing volatile organic material. 2,381,658; Aug. 7.
Fessler, William A., Camillus, assignor to The Solvay Process Company, New York, N. Y. Purification of sulphonated products. 2,383,120; Aug. 21.
Fest, Herman P., Monrovia, Calif. Elastic work holder attachments for vise jaws. 2,378,543; June 19.
Fester, Eri I., Blomsburg, Pa. Corn cutter and sled wagon. 2,390,245; Dec. 4.
Fether, Donna W., et al.: *See*—
Fether, Donald W., assignor.
Fether, Donald W., Downey, assignor of twenty-four per cent to R. D. Fether, and twenty-four per cent to D. W. Fether, Los Angeles, Calif. Machine for shaping fasteners. 2,388,355; Nov. 6.
Fether, Robert D., et al.: *See*—
Fether, Donald W., assignor.
Fetschke, Erwin, et al.: *See*—
Carssow, John F., assignor.
Fetter, Norman C., Freeport, Ill., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del. Electric switch construction. 2,374,986; May 1.
Fetterly, Lloyd C.: *See*—
Magin, C. T., and Fetterly.
Fetterman, Oscar B., Washington, D. C. Flashlight. 2,373,553; Apr. 10.
Fetterolf, Luther D.: *See*—
Wagner, I. D., Fetterolf, Waring, and Mahler.
Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,391,825; Dec. 25.
Fetzer, Maurice C.: *See*—
Post, C. B., and Fetzer.
Fetzer, Walter R., Clayton, Mo., assignor to Union Starch & Refining Company, Columbus, Ind. Manufacture of dehydrated coffee. 2,379,427; June 3.
Feucht, Albert, Garfield Heights, assignor, by mesne assigments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rock drill support. 2,379,137; June 26.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Sheeting driver. 2,384,989; Sept. 18.
Feuchter, Charles F.: *See*—
Carpenter, M. T., and Feuchter.
Feuer, Jack: *See*—
Herman, J., and Feuer.
Feulner, John: *See*—
Brownlow, D. B., and Feulner.
Fevas, Anna, Akron, Ohio. Bottle. 2,378,205; June 12.
Fevas, Anna, Akron, Ohio. Electrically heated applicator. 2,385,501; Sept. 25.
Few, William, assignor to The Clark Controller Company, Cleveland, Ohio. Time delay system. 2,371,981; Mar. 20.
Fibre Forming Corporation, The: *See*—
Blum, Jerome J., assignor.
Fibreboard Products Inc.: *See*—
Goodyear, Charles H., assignor.
Fickett, Ernest L., A. H. Leger, and R. P. Stocking, assignors to Fitchburg Engineering Corporation, Fitchburg, Mass. Machine tool control. 2,367,492; Jan. 16.
Fickler, Edwin H., Milwaukee, Wis. Marine propulsion device. 2,367,765; Jan. 23.
Fiebke, Carl, Sr., Wausau, Wis. Wrecking tool. 2,374,530; Apr. 24.
Fiechter, John J., Willow Grove, Pa. Packing. 2,372,773; Apr. 3.
Fiedler, John, Dayton, Ohio. Cutter head. 2,379,347; June 26.
Fiedler, Stuart O.: *See*—
Gangloff, W. C., and Fiedler.
Fiedler, Stuart O., assignor to The Drackett Company, Cincinnati, Ohio. Skin cleaning composition. 2,380,830; July 31.
Fiedler, Willi, Berlin, Germany, assignor to Herbert Piening, New York, N. Y. Earcap. 2,378,398; June 19.
Fieger, Ernest A., and V. R. Williams, assignors to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, Baton Rouge, La. Fortification of rice. 2,390,210; Dec. 4.
Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Apparatus for coating a fibrous strip. 2,386,203; Oct. 9.
Field, Dean: *See*—
Hulquist, Edward M., assignor.
Field, Donald C.: *See*—
Thomas, R. M., Field, and Reynolds.
Field, Edward A., Jr., Mendota, Ill. Draft control. 2,371,512; Mar. 13.
Field, Lloyd M., Cleveland, Ohio. Spark plug. 2,371,162; Mar. 13.
Field, Lloyd W., Eastend, Saskatchewan, Canada. Disk harrow. 2,377,410; June 5.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Airplane traffic controlling system. 2,371,749; Mar. 20.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,376,534; May 22.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Time element relay. 2,378,293; June 12.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,379,512; July 3.
Field, Oscar S., and S. N. Wight, assignors to General Railway Signal Company, Rochester, N. Y. Token and receptacle for airway traffic control systems. 2,376,846; May 22.
Field, Oscar S., and S. N. Wight, assignors to General Railway Signal Company, Rochester, N. Y. Posting unit. 2,378,294; June 12.
Field, Patrick H., Washington, D. C., assignor of one per cent to S. F. Clark, West New Brighton, N. Y., and ninety-nine per cent to M. K. Liebert, Washington, D. C. Projectile. 2,391,303; Dec. 18.
Field, Theodore E., and H. T. Smyth, assignors to Corhart Refractories Company, Louisville, Ky. Producing cast refractory. 2,381,945; Aug. 14.
Field, William J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Amplifier circuit. 2,373,241; Apr. 10.
Fielding, Robert L., et al.: *See*—
Hastings, M. G., and Hayward, assignors.
Fields, Ellis K.: *See*—
Daskais, M. H., and Fields.
Fields, George C., Euclid, Ohio. Oxygen system 2,384,669; Sept. 11.
Fields, James J., North Canton, Ohio. Device for testing rubber gloves. 2,370,945; Mar. 6.
Fields, Joseph E.: *See*—
McCleary, R. F., and Fields.
Fields, Reuben T., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion apparatus. 2,369,553; Feb. 13.
Fielitz, Frederick J., Belleville, and B. M. Marks, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stretching cast elongate bodies. 2,377,928; June 12.
Fierbaugh, Emmett A.: *See*—
Ackerman, C. W., and Fierbaugh.
Fieroh, Robert W., Chicago, Ill. Propelled and steered step stand. 2,380,160; July 10.
Figg, Basil D.: *See*—
Jones, D. F., Miller, and Figg.
Figuccion, Wallace E., Louisville, Ky. Index tab and supporting strip. 2,370,527; Feb. 27.
Fike, Charles H., and H. R. Heinzen, Cleveland, Ohio, assignors to General Motors Corporation, Detroit, Mich. Ship drive and maneuvering control system. 2,386,391; Oct. 9.
Fike, Charles H., and H. R. Heinzen, Cleveland, Ohio, assignors to General Motors Corporation, Detroit, Mich. Engine speed control system. 2,386,392; Oct. 9.
Fikentscher, Hans, Ludwigshafen-on-Rhine, and R. Roehm, Troisdorf-Oberlar, Germany; vested in the Alien Property Custodian. Heat-stabilized high-polymer halogen-containing products. 2,387,571; Oct. 23.
Filbert, William F.: *See*—
Acken, M. F., and Filbert.
Filburn, John H., Detroit, Mich. Hold-down device. 2,381,815; Aug. 7.
Fill, John V., Dobbs Ferry, N. Y., assignor to Micro Products Corporation, Dover, Del. Method and apparatus for making carbonyl iron. 2,377,486; June 5.
Fillery, James A., Philadelphia, Pa. Micrometer indicator for tools. 2,386,671; Oct. 9.
Filmer, James C.: *See*—
Atlee, Z. J., and Filmer.
Filtered Rosin Products, Inc., et al.: *See*—
Gillican, Charles C., assignor.
Filtex Corporation, The: *See*—
Kroenlein, Henry A., assignor.
Filtrol Corporation: *See*—
Ewing, F. J., Secor, and Warner, assignors.
Gary, W. W., and Secor, assignors.
Horn, Lee Van, assignor.
Finalborgo, August C.: *See*—
Curado, J. G., and Finalborgo.
Finch, Harry de V.: *See*—
Evans, T. W., Finch, and Hearne.
Morris, R. C., and Finch.
Morris, R. C., and Finch, assignors.
Finch, Harry de V., Berkeley, and S. A. Ballard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of unsaturated halides. 2,373,240; Apr. 10.
Finch, James L.: *See*—
Lindenbald, N. E., and Finch.
Finch Telecommunications, Inc: *See*—
Finch, William G. H., assignor.
Finch, William G. H., Newtown, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile apparatus-record mountings means. 2,372,774; Apr. 3.

Finch, William G. H., Newton, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 2,374,673; May 1.
Finch, William G. H., Newtown, Conn., assignor to Finch Telecommunications, Inc., Passaic, N. J. Facsimile recorder. 2,391,145; Dec. 18.
Finckh, Leonhard, Geneva, assignor to Landis & Gyr. A-G., Zug, Switzerland. Remote control installation. 2,379,631; June 3.
Findlater, Jack H., assignor to Packard Motor Car Company, Detroit, Mich. Grinding wheel dressing. 2,367,857; Jan. 23.
Findley, F. G., Co., The: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley. assginors.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Heating and ventilating apparatus for motor vehicles. 2,383,-640; Aug. 28.
Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thermo-electric generator. 2,390,578; Dec. 11.
Findley, Kenneth, A. C. Krueger, R. H. Hecker, and J. Matteson, Milwaukee, and R. Findley, Elm Grove, assignors to The F. G. Findley Co., Milwaukee, Wis. Adhesive cement products and making same. 2,381,946; Aug. 14.
Findley, Ralph: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.
Fine Cotton Spinners' and Doublers' Association Limited, The, et al.: *See*—
Robins, C., and Kershaw, assignors.
Fine, Lewis, Bethlehem, and H. B. Kelchner, Lower Saucon Township, Northampton County, Pa., assignors to Bethlehem Steel Company. Tunnel segment and making same. 2,366,961; Jan. 9.
Fingado, Gustav A., Little Falls, and H. Ludwig, Hohokus, N. J., assignors to Julius Schmid, Inc., New York, N. Y. Machine for treating thin rubber articles. Re. 22,631; Apr. 17.
Finizie, Lyonel T., Bridgeport, Conn. Apparatus for cooking food. 2,377,873; June 12.
Fink, Carl J., Buffalo, assignor to Creo-Dipt Company, Inc., North Tonawanda, N. Y. Sheathing unit. 2,390,087; Dec. 4.
Fink, Colin G., New York, N. Y. Coating with tin or other metals. 2,374,926; May 1.
Fink, Colin G., New York, N. Y., assignor to Metal Alloys, Inc., Wilmington, Del. Metal-coating metals. 2,382,-868; Aug. 14.
Fink, Harry, and M. Sottosanti, New York, N. Y. Garment construction. 2,376,589; May 22.
Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for applying adhesive to container body ends. 2,388,911; Nov. 13.
Fink, Henry A., Pelham Manor, assignor to Continental Can Company, New York, N. Y. Blank feeding apparatus. 2,391,304; Dec. 18.
Fink, Jean, Delavan, Wis., assignor to George W. Borg Corporation, Chicago, Ill. Electric clock. 2,371,387; Mar. 13.
Fink, Jean, and T. B. Gibbs, Delavan, Wis., assignors to George W. Borg Corporation, Chicago, Ill. Electric clock. 2,374,987; May 1.
Fink, Ralph F., Excelsior, Minn. Lifter and carrier. 2,385,913; Oct. 2.
Fink, Ralph F., Excelsior, assignor to T. Worum, St. Paul, Minn. Lifter and carrier. 2,368,978; Feb. 6.
Fink, Raymond: *See*—
Williamson, M. I., and Fink.
Fink, Rudolph, et al.: *See*—
Yant, William P., assignor.
Fink, Rudolph, Dayton, Ohio. Respirator mask. 2,376,871; May 29.
Fink, William C., assignor to Wabash Appliance Corporation, Brooklyn, N. Y. Photoflash lamp. 2,386,672; Oct. 9.
Finkbone, Benjamin P., and W. E. Marshall, assignors to The American Rolling Mill Company, Middletown, Ohio. Terne coating process. 2,368,128; Jan. 30.
Finke, Harry F.: *See*—
Klopp, J. H., Koscera, and Finke.
Finkenbrink, Walter: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer.
Finkle, Donald H., Los Angeles, Calif. Skin clamp. 2,383,928; Aug. 28.
Finlay, Alexander: *See*—
Banzhaf, H. F., and Finlay.
Kane, J. H., Finlay, and Amann.
Finlay, Walter L., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,373,554; Apr. 10.
Finlay, Walter L., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Wad. 2,377,683; June 5.
Finlayson, Donald: *See*—
Dreyfus, H., Finlayson, and Taylor.
Finlayson, Donald, and H. Crawshaw, Spondon, near Derby, assignors to British Celanese Limited, London, England. Textile fabric. 2,370,946; Mar. 6.
Finlayson, Donald and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Structural material. 2,377,335; June 5.
Finlayson, Duncan K., Bronxville, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,390,244; Dec. 4.
Finlayson, Frank E., Ontario, Calif., assignor to General Electric Company. Circuit controlling device. 2,367,014; Jan. 9.
Finley, James A., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Recovery of essential oils. 2,381,732; Aug. 7.
Finley, Thomas M., Caledonia, Mo. Incendiary bomb. 2,385,502; Sept. 25.
Finley, Willard L., Washington, D. C., assignor to Sinclair Refining Company, New York, N. Y. Chemical manufacture. 2,379,290; June 26.
Finn, Thurman A., Denver, Colo. Folding fish net. 2,384,162; Sept. 4.
Finnegan, George B., Jr., trustee: *See*—
Van Winkle, Paul, assignor.
Finnell System, Inc.: *See*—
Lewis, Russell, assignor.
Finney, John H. V., assignor to Mining Process and Patent Company, Denver, Colo. Thickener apparatus. 2,382,409; Aug. 14.
Finsterbusch, Karl, Scarsdale, N. Y. Extracting apparatus. 2,388,732; Nov. 13.
Finzel, Herman, Milwaukee, Wis., and H. Maykemper, River Forest, Ill., said Finzel, assignor to Clearing Machine Corporation. Apparatus for shaping objects by plastic deformation. 2,367,015; Jan. 9.
Finzi, Leo A., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Recording and counting device. 2,377,622; June 5.
Firearms Research Corporation: *See*—
Hyde, George J., assignor.
Firestone Tire & Rubber Company, The: *See*—
Alderfer, Sterling W., assignor.
Allen, Raymond W., assignor.
Beach, Howard P., Jr., assignor.
Bosomworth, George P., assignor
Brink, Winfield S., assignor.
Brown, Roy W., assignor.
Carr, Edward L., assignor.
Carter, Mitchell, assignor.
Davis, Justice B., assignor.
Diehl, John A., assignor.
Grover, Frank S., assignor.
Hale, James E., assignor.
King, Frank S., assignor.
Kreyer, John G., assignor.
Kubaugh, Le Roy M., assignor.
Kuhn, Max O., assignor.
Manson, Finley J., assignor.
Monroe, Harry J., assignor.
Peters, M. F., and (McCarty, assignor).
Riesing, Mabel P., assignor.
Riesing, Ellwood F., assignor.
Shaw, Warren W., assignor.
Shinn, Byron H., assignor.
Smith, George E. P., Jr., assignor.
Smith, G. E. P., Jr., and Carr, assignors.
Stavely, F. W., Edgar, and Hoffmann, assignors.
Steinel, George E., assignor.
Stevens, Horace D., assignor.
Tann, William E., assignor.
Vanke, Louis J., assignor.
Weaver, Harry M., assignor.
Weber, F. A., and Gregg, assignors.
Firks, Theodore H., and W. E. Mackelfresh, Jr., Chicago, Ill. Container carrier. 2,386,101; Oct. 2.
Firner, William B., assignor to General Motors Corporation, Detroit, Mich. Double window construction. 2,377,684; June 5.
First Industrial Corporation: *See*—
Fetter, Norman C., assignor.
Kaminky, Oscar H., assignor.
Meyer, Edward P., assignor.
First National Bank of Tampa, Florida, executor, The: *See*—
Pierce, James B., Jr.
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Attaching means for sheaves, etc. 2,390,875; Dec. 11.
Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Mounting for pulleys, etc. 2,390,876; Dec. 11.
Firth, David, and M. L. Fast, South Bend, assignors to Dodge Manufacturing Corporation, Mishawaka, Ind. Clutch. 2,367,390; Jan. 16.
Firth, Stephen W., Webb City, Mo. Bomb. 2,372,264; Mar. 27.
Firth, Thos., & John Brown Limited: *See*—
Walker, William S., assignor.
Fisch, Willi: *See*—
Widmer, G., and Fisch.
Widmer, G., and Fisch, assignors.
Fischel, Lester, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Two-way lace curtain. 2,371,039; Mar. 6.
Fischer, Albert C., Chicago, Ill. Joining pipe sections. 2,368,610; Jan. 30.
Fischer, Albert C., Chicago, Ill. Self-restoring water stop and other waterproofing packings. 2,368,650; Feb. 6.
Fischer, Albert C., Chicago, Ill. Contraction joint for concrete. 2,370,153; Feb. 27.

Fischer, Albert C., Chicago, Ill. Porous body expansion joint. 2,370,647; Mar. 6.
Fischer, Albert C., Chicago, Ill. Extrusion controlled water-stop expansion joint. 2,374,186; Apr. 24.
Fischer, Albert W.: *See*—
Kettering, C. F., and Fischer.
Fischer, Anthony J.: *See*—
Reybold, D. C., and Fischer.
Fischer, Arthur H., assignor to Minerec Corporation, New York, N. Y. Concentration of ores. 2,376,242; May 15.
Fischer, Charles, New York, N. Y. Seal for spaced goggle lenses. 2,373,388; Apr 10.
Fischer, Charles, New York, N. Y. Adjustable connecting bridge for goggle frames. 2,386,175; Oct. 9.
Fischer, Earl K., Long Island City, assignor to Interchemical Corporation, New York, N. Y. Noncaking flatting agent. 2,370,648; Mar. 6.
Fischer, Edwin L., Endwell, assignor to General Aniline & Film Corporation, New York, N. Y. Camera and range finder. 2,379,698; July 3.
Fischer, Emanuel M.: *See*—
Fischer, Sidney, assignor.
Fischer, Eugene H., Derry, assignor Westinghouse Electric Corporation, East Pittsburgh, Pa. Multiple die equalizer. 2,381,272; Aug. 7.
Fischer, Friedrich E., Zurich, Switzerland. Adjustable network. 2,381,733; Aug. 7.
Fischer, Friedrich E., Zurich-Erlenbach, Switzerland. Method and apparatus for reproducing television pictures. 2,391,450; Dec. 25.
Fischer, Friedrich E., Zurich, Switzerland. Process and appliance for projecting television pictures. 2,391,451; Dec. 25.
Fischer, Herbert G. M., assignor to Standard Oil Development Company, Westfield, N. J. Preparation of sweet high octane gasoline. 2,369,554; Feb. 13.
Fischer, Howard J., Springfield Township, Hamilton County, assignor to The Gardner-Richardson Company, Middletown, Ohio. Bottle carrier. 2,383,183; Aug. 21.
Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Compression riveter. 2,389,661; Nov. 27.
Fischer, Howard R., and J. A. Roberts, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Compression riveter. 2,372,942; Apr. 3.
Fischer, Max W.: *See*—
Graumann, R. L., and Fischer.
Fischer, Paul E., Portland, Conn., assignor to Marathon Corporation. Apparatus for sealing containers. 2,368,817; Feb. 6.
Fischer, Paul W., Long Beach, and V. N. Jenkins, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Turbine oil. 2,388,132; Oct. 30.
Fischer & Porter: *See*—
Bowie, Harry J., assignor.
Brewer, Nathaniel, assignor.
Fischer & Porter Company: *See*—
Brewer, Nathaniel, assignor.
Fischer, Sidney, New York, N. Y., assignor of one-half to E. M. Fischer. Adjustable optical mounting. 2,373,389; Apr. 10.
Fischer, Werner: *See*—
Miescher, K., Heer, and Fischer.
Fischer, William R.: *See*—
Kendall, C. W., and Fischer.
Fischler, Paul E., and J. Nathansohn, Buffalo, N. Y. Impulse switching and control mechanism. 2,388,733; Nov. 13.
Fiscus, Charles J., Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Method of rolling. 2,391,401; Dec. 25.
Fish, Lyall R., and C. F. Wiegman, Minneapolis, Minn. Oil and grease deflector. 2,377,770; June 5.
Fish-Schurman Corporation: *See*—
Kott, Hermann, assignor.
Kott, H., and Yawitz, assignors.
Suwa, Ignaz F., assignor.
Yawitz, M., and Suwa, assignors.
Fishel, John B.: *See*—
Stillson, G. H., and Fishel.
Fisher, Albert B., Jr.: *See*—
Shaffer, C. E., and Fisher.
Fisher, Alec, Lynn, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,385,199; Sept. 18.
Fisher, Charles B., Washington, D. C. Electronic amplification. 2,379,513; July 3.
Fisher, Charles B., Washington, D. C. Microphone. 2,379,514; July 3.
Fisher, Charles H.: *See*—
Ratchford, W. P., and Fisher.
Rehberg, C. E., and Fisher.
Fisher, Charles H., Abington, Pa., and M. L. Fein, Riverside, N. J., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Acylating esters of hydroxy carboxylic acids. 2,374,428; Apr. 24.
Fisher, Clarence E., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Flexible joint. 2,376,995; May 29.
Fisher, Elbert E., assignor to M. W. Fisher. St. Louis, Mo. Making alkali metal aluminate. 2,372,819; Apr. 3.
Fisher, Elbert E., St. Louis, Mo. Aluminum silicate product and making same. 2,389,352; Nov. 20.
Fisher, Ernest F., Passaic, N. J., assignor to Whiting Corporation, Harvey, Ill. Magnesium castings grinding and polishing booths. 2,384,991; Sept. 18.
Fisher Flouring Mills Co.: *See*—
Fisher, O. W., White, and Wheatherstone, assignors.
Fisher, Frank E.: *See*—
Edson, K. C., and Fisher.
Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Method and apparatus for delaminating mica. 2,380,741; July 31.
Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Clutch. 2,382,869; Aug. 14.
Fisher, Frederick E., Scotia, N. Y., assignor to General Electric Company. Winding slot wedge. 2,386,673; Oct. 9.
Fisher Governor Company: *See*—
Brockett, Glenn F., assignor.
Wolfe, Kenneth R. D., assignor.
Fisher, Hardin Y., Hillside, Ill., assignor to Nicoud Mfg. Co. Generator. 2,390,877; Dec. 11.
Fisher, Harmon F., Berkeley, assignor of one-half to Union Oil Company of California, Los Angeles, and one-half to The Anglo California National Bank of San Francisco, San Francisco, Calif. Recovery of magnesium from suspensions in nonconducting liquids. 2,376,535; May 22.
Fisher, Harold G.: *See*—
Harvey, R. L., and Fisher
Kershaw, J. G., and Fisher.
Fisher, Harry C., Cincinnati, Ohio, assignor, by mesne assignments, to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis. Imparting color to coated paperboard. 2,370,344; Feb. 27.
Fisher, Harry C., and J. F. Thompson, Cincinnati, assignors to The Gardner-Richardson Company, Middletown, Ohio. Paper manufacture. 2,369,450; Feb. 13.
Fisher, Henry A., Parkersburg, W. Va. Antirefill device. 2,378,919; June 26.
Fisher, Howard J., Springfield Township, assignor to The Gardner-Richardson Company, Middletown, Ohio. Protective package. 2,367,345; Jan. 16.
Fisher, Irving: *See*—
Mendelsohn, Bernard E.
Fisher, Jay, et al.: *See*—
Bruen, George C., assignor.
Fisher, Lawrence F.: *See*—
Frank, William H. and R. L., and Fisher.
Fisher, Leonard and R., San Francisco, Calif. Therapeutic device. 2,384,670; Sept. 11.
Fisher, Marlew W.: *See*—
Fisher, Elbert E., assignor.
Fisher, Norman G., and R. H. Wiley, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers. 2,389,662; Nov. 27.
Fisher, Orin W., F. J. White, and H. B. Weatherstone, assignors to Fisher Flouring Mills Co., Seattle, Wash. Apparatus for weighing a stream of varying quantity of material. 2,371,040; Mar. 6.
Fisher, Oscar, Locust Valley, N. Y. Carboy container. 2,383,717; Aug. 28.
Fisher & Porter Company: *See*—
Brewer, Nathaniel, assignor.
Fisher, Ralph: *See*—
Fisher, Leonard and R.
Fisher, Roy R., Detroit, Mich. Bottle heater. 2,370,238; Feb. 27.
Fisher Scientific Company: *See*—
Warren, William B., assignor.
Fisher, Webster E., Pine Bluff, Ark., assignor to Eastman Kodak Company, Rochester, N. Y. Production of water-free alcohol. 2,382,044; Aug. 14.
Fisher, Webster E., Pine Bluff, Ark., assignor to Eastman Kodak Company, Rochester, N. Y. Distillation control. 2,386,601; Oct. 9.
Fisk, Edwin M., Mission San Jose, Calif. Two-stroke cycle internal-combustion engine. 2,391,402; Dec. 25.
Fisk, Gustaf L., New Fairfield, Conn. Rolling metal bars. 2,369,730; Feb. 20.
Fisk, James B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Producing and transmitting electromagnetic waves. 2,372,193; Mar. 27.
Fiskaali, Otto A., Fitchburg, Mass. Fish lure. 2,383,246; Aug. 21.
Fisler, William O., St. Louis, Mo. Interlocking container. 2,374,005; Apr. 17.
Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Impact wrench. 2,371,982; Mar. 20.
Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Servo unit. 2,380,510; July 31.
Fitch, Clifford E., assignor to The Aro Equipment Corporation, Bryan, Ohio. Hand operated tank lubricator. 2,390,831; Dec. 11.
Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure device. 2,371,815; Mar. 20.
Fitch, Ellery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake mechanism. 2,374,855; May 1.
Fitch, Guy O., Columbiana, Ohio. Power shovel and conveyer. 2,384,242; Sept. 4.

Fitch, Harold L.: *See*—
Tetzlaff, E. F., and Fitch.
Fitch, Harold L., and S. L. Scudder, assignors to Eastman Kodak Company, Rochester, N. Y. Light control for photographic printers. 2,378,206; June 12.
Fitch, Howard M.: *See*—
Downing, F. B., and Fitch.
Fitch, Karl E., Summit, N. J., W. V. K. Large, Glenwood Landing, and C. W. Lucek, Forest Hills, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite telegraph exchange system. 2,390,656; Dec. 11.
Fitch, Oran F., Auburn, Calif. Hay handling device. 2,387,434; Oct. 23.
Fitchburg Engineering Corporation: *See*—
Fickett, E. L., Leger and Stocking, assignors.
Fitchett, Thomas S., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Sheet length indicator for cutoff knives. 2,376,763; May 22.
Fite, Preston L.: *See*—
Joyce, Thomas M., and Fite.
Fites, Cyril B., St. Johns, assignor to Wagner Electric Corporation, St. Louis, Mo. Pressure limiting means for braking systems. 2,366,606; Jan. 2.
Fitt, T. Cleon: *See*—
Fleming, E. P., and Fitt.
Fitting, Ralph U., Jr., and M. H. McKinsey, Midland, Tex., assignors to Shell Development Company, San Francisco, Calif. Annular flow measuring device. 2,379,138; June 26.
Fitz, Charles L., assignor of one-half to F. Dobbs and one-half to said Fitz, Three Lakes, Wis., as co-partners. Camera. 2,385,804; Oct. 2.
Fitz, Henry, Washington, D. C. Case for cameras. 2,390,932; Dec. 11.
Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Guard for winding machines. 2,370,785; Mar. 6.
Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Winding machine. 2,373,109; Apr. 10.
Fitzgerald, Edward J., assignor to Son-Chief Electrics, Incorporated, Winsted, Conn. Folding iron. 2,388,133; Oct. 30.
Fitz-Gerald, John F., et al.: *See*—
Roby, Horace H., assignor.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,366,502; Jan. 2.
Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,366,503; Jan. 2.
Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton, Corporation, Milwaukee, Wis. Engine starter. 2,366,504; Jan. 2.
Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,368,292; Jan. 30.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,370,649; Mar. 6.
Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,379,073; June 26.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,379,428; July 3.
Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Spark plug shield. 2,382,984; Aug. 21.
Fitz Gerald, John W., deceased, by M. C. Fitz Gerald, executrix, assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Door locking system. 2,382,985; Aug. 21.
Fitz Gerald, Mary C., executrix: *See*—
Fitz Gerald, John W.
Fitzgerald, Walter H., Jr., Dallas, Tex. Snap fastener. 2,379,896; July 10.
Fitzpatrick, J. D., and L. D. Myers, assignors to Emery Industries, Inc., Cincinnati, Ohio. Treating fatty bodies. 2,369,036; Feb. 6.
Fitzpatrick, J. D., and L. D. Myers, assignors to Emery Industries, Inc., Cincinnati, Ohio. Separation process. 2,389,191; Nov. 20.
Fitzpatrick, W. J., Company, The: *See*—
Wagner, Harold H., assignor.
Fitzsimmons, Verlyn R., St. Paul, Minn,. assignor of one-half to H. D. Allworth. Doughnut cutter. 2,370,650; Mar. 6.
Flanagan, John W., Philadelphia, Pa., assignor to The S. S. White Dental Manufacturing Company. Orthodontic pliers. 2,375,094; May 1.
Flanders, Harold V.: *See*—
Page, Ernest V., assignor.
Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Grinding machine. 2,371,685; Mar. 20.
Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing apparatus. 2,370,854; Mar. 6.
Flangelock Patents Corporation: *See*—
Krueger, William H., assignor.
Flanigan, George E.: *See*—
Supplee, G. C., Jensen, and Flanigan.
Flannery Bolt Company: *See*—
Peirce, William B., assignor.
Flannery, John R., Pittsburgh, Pa. Stay bolt. 2,368,651; Feb. 6.
Flath, Otto S., Chicago, Ill. Metal cribbing. 2,376,677; May 22.
Flath, Otto S., Chicago, Ill. Cribbing. 2,378,295; June 12.
Flatt, William O., Fort Worth, Tex. Hone conditioning process. 2,368,979; Feb. 6.
Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Filament storage apparatus. 2,372,072; Mar. 20.
Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Lamp making apparatus. 2,380,742; July 31.
Flaxman, Marcellus T.: *See*—
Jones, P. H., and Flaxman, assignors.
Flaxman, Marcellus T., Inglewood, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil composition. 2,385,697; Sept. 25.
Fleckenstein, Andrew, Windsor, N. Y. Electric outlet accessory fixture. 2,385,620; Sept. 25.
Fleenor, Warren, Stafford, N. Y. Molding apparatus. 2,368,818; Feb. 6.
Fleer, Alfred W., assignor to Shell Development Company, San Francisco, Calif. Copper ammonium acetate extraction and purification method. 2,383,784; Aug. 28.
Fleer, Frank H., Corporation: *See*—
Mustin, Gilbert B., assignor.
Flegel, Benjamin F., Racine, Wis. Dry shaver clipper attachment. 2,391,695; Dec. 25.
Fleischer, Arthur, Salt Lake City, Utah, assignor to Olin Industries, Inc., East Alton, Ill. Manufacture of purified crystalline products. 2,378,296; June 12.
Fleischer, Gerhard A., and E. Schwenk, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Isolation of the lactogenic hormone. 2,370,154; Feb. 27.
Fleischer, Michael: *See*—
Fahey, J. J., Fleischer, and Rubey.
Fleischer, Philip, et al.: *See*—
Horowitz, Nathan, assignor.
Fleischhauer, Richard, and A. Müller, Frankfort-on-the-Main-Fechenheim, and C. T. Schultis, Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Azo dyestuffs. 2,384,419; Sept. 4.
Fleischhauer, Richard and A. Müller, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Disazo dyestuffs. 2,385,698; Sept. 25.
Fleischman. M. R., Co.: *See*—
Griswold, Lyle R., assignor.
Fleming, Charles R., Los Angeles, Calif. Antenna 2,368,819; Feb. 6.
Fleming, Edward P., Los Angeles, Calif., and T. C. Fitt, Salt Lake City, Utah, assignors to American Smelting and Refining Company, New York, N. Y. Recovery of sulphur from gaseous mixtures. 2,388,259; Nov. 6.
Fleming, Lawrence, Falls Church, Va. Transducer. 2,373,181; Apr 10.
Fleming, Robert F., Jr., Laurens, S. C., assignor to Corning Glass Works, Corning, N. Y. Organo silicon compounds and making them. 2,386,452; Oct. 9.
Fleming-Williams, Brian Clifford, assignor to A. C. Cossor Limited, London, England. Electron discharge device. 2,380,225; July 10.
Flenner, Albert L., Wilmington, Del., and F. H. Kaufert, St. Paul, Minn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,369,959; Feb. 20.
Flesch, John E.: *See*—
Baselt, W. H., and Flesch.
Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Brake support bracket. 2,378,358; June 12.
Flesch, Norman, assignor to American Steel Foundries, Chicago, Ill. Brakehead balancing device. 2,387,132; Oct. 16.
Fletcher, Albert C., assignor to Quick Charge, Incorporated, Oklahoma City, Okla. Charging apparatus for storage batteries. 2,366,505; Jan. 2.
Fletcher, Aubrey L.: *See*—
Orme, G. L., Jones, and Fletcher.
Fletcher Aviation Corporation: *See*—
Fletcher, Wendell S., assignor.
Fletcher, Ed, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Traversing means for high speed winding. 2,377,771; June 5.
Fletcher, Ed, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for attenuating fibers. 2,380,915; Aug. 7.
Fletcher, Ed, and N. J. Leedy, Newark, assignors to Owens-Corning Fiberglass Corporation, Toledo, Ohio. Apparatus for the production of glass fibers. 2,377,772; June 5.
Fletcher, Fred W.: *See*—
Lynn, G. E., and Fletcher.
Fletcher, George A., assignor to Munsingwear, Inc., Minneapolis, Minn. Lady's undergarment. 2,372,265; Mar. 27.

Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,368,211; Jan. 30.
Fletcher, James H., Wilmette, Ill. Dumping apparatus. 2,384,904; Sept. 18.
Fletcher, Wendell S., assignor to Fletcher Aviation Corporation, Pasadena, Calif. Aircraft engine mounting. 2,368,533; Jan. 30.
Fletcher Works, Incorporated: *See*—
Bartholomew, Robert J., assignor.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Detergent composition. 2,374,187: Apr. 24.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Insecticides. 2,375,095; May 1.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Detergent composition and making same. 2,387,572; Oct. 23.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Dry cleaning composition. 2,388,962; Nov. 13.
Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Soap composition. 2,390,295; Dec. 4.
Flexible Vacuum Container Corporation, The: *See*—
Berch, Samuel H., assignor.
Flex-O-Tube Company, The: *See*—
Greene, Charles W., assignor.
Flex-Weld Corporation: *See*—
Carlson, Stanley H., assignor.
Fleysher, Maurice H., Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Preparation of aromatic ortho-dinitriles. 2,387,435; Oct. 23.
Flickinger, Maynard L.: *See*—
Cooper, J. F., Schnitzer, and Flickinger.
Flinckinger, Alton D., Inglewood, Calif. Vacuum type exhaust muffler. 2,386,305; Oct. 9.
Flink, Allen R., Streator, Ill. Wheel driven distributor truck. 2,383,121; Aug. 21.
Flink, John H., Watertown, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Sole structure for footwear. 2,379,139; June 26.
Flint, Charles R., La Porte, Ind., assignor to The De Luxe Products Corporation. Check valve. 2,390,527; Dec. 11.
Flint, Colin F., and R. B. F. F. Clarke, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Pulverulent materials and dispersions produced thence. 2,386,674; Oct. 9.
Flint, Earl E., Middletown, Ohio. Combination bomb and gun sight head. 2,367,207; Jan. 16.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,375,356; May 8.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Observation device. 2,384,540; Sept. 11.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,385,978; Oct. 2.
Flint, Edward F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Calculating device. 2,389,249; Nov. 20.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Median device. 2,390,361; Dec. 4.
Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,390,362; Dec. 4.
Flint, George W.: *See*—
Adams, E. W., and Flint.
Flint, Hyland C., Ann Arbor, Mich., assignor to Synchro-Seat Company. Seat construction. 2,373,751; Apr. 17.
Flint & Walling Manufacturing Co., Inc.: *See*—
Lung, Kenneth R., assignor.
Floating Stations Limited: *See*—
Creed, Frederick G., assignor.
Flohr, Alfred J.: *See*—
Flohr, Andrew and A. J.
Flohr, Andrew and A. J., Buffalo, N. Y. Guard for emery wheels and the like. 2,374,988; May 1.
Flohr, Andrew and A. J., Buffalo, N. Y. Guard for emery wheels and the like. 2,384,243; Sept. 4.
Flook, Cyril M., assignor of one-fourth to E. Hogge, one-fourth to H. A. Shugart, and one-fourth to W. M. Herring, Carland, Tex. Row crop header. 2,380,161; July 10.
Flora, Rudolph F., assignor to The Clover Foundry Company, Muskegon, Mich. Piston ring grinder. 2,385,979; Oct. 2.
Florence Stove Company: *See*—
Reeves, Herbert M., assignor.
Schneider, Frank H., assignor.
Floridin Company: *See*—
Atwell, Thomas C., assignor.
Florin, Philip, Woodmere, N. Y. Wallet. 2,366,849; Jan. 9.
Flory, Leslie E., Oaklyn, N. J., assignor to Radio Corporation of America. Picture transmitter tube mosaic screen. 2,373,752; Apr. 17.
Flory, Leslie E., Oaklyn, N. J., assignor to Radio Corporation of America. Electrically operated valve. 2,374,531: Apr. 24.
Flosdorf, Earl W., Upper Darby, assignor to Lyophile-Cryochem Company, Philadelphia, Pa. Desiccation of citrus fruit juices. 2,380,036; July 10.
Flosdorf, Earl W., Lansdowne, C. J. Westin, Philadelphia, and F. J. Stokes, Jr., Laverock, Pa.; E. W. Wolfrom, administratrix of said Westin, deceased; assignors to F. J. Stokes Machine Company. Biological apparatus, container, and method. 2,388,134; Oct. 30.
Flournoy, Algernon F., Shreveport, La. Harvesting basket. 2,372,073; Mar. 20.
Flower, George, Sparrows Point, Md. Adjustable box wrench. 2,376,764; May 22.
Flower, Guiles, Jr.: *See*—
Bludworth, J. E., and Flower.
Flowers, Alan E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal bowl. 2,369,822; Feb. 20.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Molding press. 2,368,756; Feb. 6.
Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Method of and device for forging. 2,371,041; Mar. 6.
Flowers, Paul E., Shaker Heights, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Forging. 2,382,045; Aug. 14.
Flowers, Paul E., Shaker Heights, and W. Ernst and H. F. MacMillin, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic press. 2,382,046; Aug. 14.
Flowers, Paul E., Shaker Heights, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Briquetting press. 2,384,163; Sept. 4.
Flowers, Ralph G., Pittsfield, Mass., assignor to General Electric Company. Production of acenaphthylene. 2,390,363; Dec. 4.
Floyd, Clyde M., Baytown, and J. Fram, Goose Creek, Tex., assignors to Standard Oil Development Company. Producing white oils. 2,384,905; Sept. 18.
Floyd, Frederick K., Denver, Colo., assignor to C. M. Hathaway, doing business as Hathaway Instrument Company. Amplifier system. 2,379,897; July 10.
Flugge, Sylvester L.: *See*—
Maier, C. E., Flugge, and Pfeffer.
Flumerfelt, W. A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint construction. 2,383,378; Aug. 21.
Fluor Corporation, Ltd., The: *See*—
De Flon, James G.
Hutchinson, Arthur J. L., assignor.
Hutchinson, A. J. L., and Bechtold, assignors.
Flurscheim, Cedric H., Bowdon, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Fluid blast circuit breaker. 2,367,934; Jan. 23.
Flurscheim, Cedric H., Bowdon, England, assignor to Metropolitan-Vickers Electrical Company, Limited, London W. C. 2, England. Fluid blast circuit breaker. 2,391,826; Dec. 25.
Flygare, Carl G., Worcester, and F. A. Helstrom, Lexington, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,366,506; Jan. 2.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,381,123; Aug. 7.
Flynn, John H.: *See*—
Ensign, W. B., and Flynn.
Flynn, Theodore P., Portland, Oreg., and A. J. Kramer, Arlington, Va., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Plotting instrument. 2,380,103; July 10.
Flynn, Thomas W., assignor of fifteen per cent to H. O. Arneson and fifteen per cent to H. Stalin, Bayview, Idaho. Illuminated instrument. 2,367,858; Jan. 23.
Foard, Robert F., Los Angeles, Calif. Screen printing on cloth. 2,369,290; Feb. 13.
Focha, William F., Westfield, N. J., assignor to Wailes, Dove-Hermiston Corporation. Coating pipe. 2,377,220; May 29.
Focht, Nevin S., Syracuse, N, Y. Shock absorber. 2,366,248; Jan. 2.
Focht, Nevin S., Syracuse, N. Y. Shock absorber. 2,381,532; Aug. 7.
Focke, Theodore B., Cleveland Heights, J. A. Dahlstrom, Bay Village, and J. R. Kirkpatrick, South Euclid, assignors to Perfection Stove Company, Cleveland, Ohio. Gas burning apparatus. 2,383,641; Aug. 28.
Foerster, Charles V.: *See*—
Cape, A. T., Foerster, and Griswold.
Fogel, Henry, Brooklyn, assignor to Emerson Radio and Phonograph Corporation, New York, N. Y. Apparatus for providing regulated direct current voltage. 2,386,548; Oct. 9.
Fogg, Jesse W.: *See*—
Trier, C. L., and Fogg.
Fogg, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncollapsible tubing. 2,371,042; Mar. 6.
Fogle, Marlin E., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photocell and filter combination. 2,382,220; Aug. 14.

Foisy, Francis W., Brighton, assignor to Delbrook Ventilating Co., Cambridge, Mass. Duct system. 2,379,632; July 3.
Folberth, Frederick G. and W. M., Cleveland, Ohio. Windshield wiper motor. 2,380,511; July 31.
Folberth, William M.: *See*—
Folberth, Frederick G. and W. M.
Foley, John D.: *See*—
Hayes, J. R., and Foley.
Foley, John W., Englewood, and J. W. Emling, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Substation circuit. 2,385,265; Sept. 18.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Hydraulic pump. 2,369,345; Feb. 13.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Fluid discharge nozzle. 2,373,555; Apr. 10.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Closure for lubricators. 2,374,478: Apr. 24.
Folke, Bengt E., Mamaroneck, and H. Winther, Harrington Park, assignors to Nathan Manufacturing Company, New York, N. Y. Wheel flange lubricator. 2,380,743; July 31.
Folkers, Herman, Omaha, Nebr. Combination tool. 2,371,043; Mar. 6.
Folkers, Karl, Plainfield, N. J., assignor to Merck & Co., Inc., Rahway, N. J. Alkaloidal "free" fraction from species of erythrina and its production. 2,391,014; Dec. 18.
Folkers, Karl, Plainfield, and F. R. Koniuszy, Elizabeth, assignors to Merck & Co., Inc., Rahway, N. J. Dihydrogenated-β-erythroidine and production thereof. 2,370,651; Mar. 6.
Folkers, Karl, Plainfield, and R. T. Major, Mountainside, assignors to Merck & Co., Inc., Rahway, N. J. β-Erythroidine and its hydrohalides, and their production. 2,373,952; Apr. 17.
Folkers, Karl, Plainfield, and R. T. Major, Mountainside, assignors to Merck & Co., Inc., Rahway, N. J. Salts of β-erythroidine. 2.373,953; Apr. 17.
Folkers, Karl, Plainfield, and R. T. Major, Mountainside, assignors to Merck & Co., Inc., Rahway, N. J. Production of erythrina alkaloids. 2,385,266; Sept. 18.
Folkers, Karl, Plainfield, and F. Koniuszy, Elizabeth, assignors to Merck & Co., Inc., Rahway, N. J. Physiologically active alkaloids from erythrina species. 2,391,013; Dec. 18.
Folkers, Karl, Plainfield, N. J., and J. Shavel, Jr., Glendale, Long Island, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Alkaloid and producing the same. 2,391,015; Dec. 18.
Folkins, Hillis O., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,380,958; Aug. 7.
Folkins, Hillis O., Skokie, and C. M. Thacker, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Production of alkylated aryl compounds. 2,391,146; Dec. 18.
Folkman, Marvin L., Shaker Heights, Ohio. Syringe. 2,390,246; Dec. 4.
Folmer, Graflex Corporation, The: *See*—
Gorey, A. H., Nadel, and Nitsch, assignors.
Gorey, A. H., Nadel, Nitsch, and Steiner, assignors.
Hineline, Edson S., assignor.
Kals, William S., assignor.
Korling, Torkel, assignor.
Steiner, Oscar, assignor.
Folmer, John R., Seattle, Wash. Air-purifying and air-compressing apparatus. 2,371,044; Mar. 6.
Folsom, Robert H., Los Angeles, Calif. Double-wall structural material. 2,389,769; Nov. 27.
Foltz, Carl, and G. Davis, South Bend, Ind. Knife and manufacture thereof. 2,382,304; Aug. 14.
Foltz, Ira W., Chicago, Ill. Furnace. 2,390,995; Dec. 18.
Fontaine, John P. K.: *See*—
Norman, N. M., and Fontaine.
Fontaine, John P. K., and N. M. Norman, Birmingham, Ala., said Norman assignor to said Fontaine. Trailer coupling mechanism. 2,372,943; Apr. 3.
Fontaine, Robert A., Martinsville, Va. Material handling device. 2,370,528; Feb. 27.
Fontaine, Robert A., Martinsville, Va. Coupling for trucks and trailers. 2,371,750; Mar. 20.
Fontana, Marselio G., Wilmington, Del., G. W. Kidder, Bridgeport, Conn., and P. B. Kraus, Roselle Park, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Corrosion recorder. 2,374,088; Apr. 17.
Food Concentrates, Inc.: *See*—
Northcutt, R. T. and R. T., Jr., assignors.
Food Machinery Corporation: *See*—
Bowie, Adrian St. J., assignor.
Broome, John C., assignor.
Broome, J. C., and Carlton, assignors.
Coons, Burton C., assignor.
Cutler, Frank W., assignor.
Hein, George N., assignor.
Holmes, Herbert G., assignor.
Kalmar, Arthur F., assignor.
Kerr, Charles E., assignor.
Food Machinery Corporation: *See*—Continued
Paxton, G. C., and Stilwell, assignors.
Paxton, G. C., and Verrinder, assignors.
Sells, O. S., and Porch, assignors.
Thompson, Albert R., assignor.
Thompson, A. R., and Fox, assignors.
Foot Bros. Gear and Machine Corporation: *See*—
Bregin, John D., assignor.
Mackmann, A., and Ardussi, assignors.
Foote, James H.: *See*—
Ensinger, R., and Foote.
Foote Mineral Company: *See*—
Luckenbach, William F., Jr., assignor.
Forbes, Allan D., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,372,067; Mar. 20.
Forbes, Arthur L., Jr., El Paso, Tex. Pressure pipe-welding. 2,376,765; May 22.
Forbes, Jerry U., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Machine for making multiply boards. 2,380,512; July 31.
Forbes, John D., San Francisco, Calif. Parachute release. 2,371,814; Mar. 20.
Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,384,614; Sept. 11.
Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,386,453; Oct. 9.
Forbes, L. J., Rainhill, and G. W. T Bird, Prescot, England, assignors to Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey, Paris, France. Apparatus for bending glass sheets. 2,372,418; Mar. 27.
Forbes National Bank: *See*—
Thomann, R. A., and Hyle, assignors.
Ford, Allen G.: *See*—
Peterson, W. R., and Ford.
Ford, Ernest L.: *See*—
Hughes, B. D., and Ford.
Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,375,296; May 8.
Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,380,744; July 31.
Ford, Henry, R. A. Boyer, Dearborn, and P. J. Beyer, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Plastic cement. 2,376,133: May 15.
Ford, Henry, Dearborn, E. E. Ensign, Ypsilanti, and A. C. Quinn, assignors to Ford Motor Company, Dearborn, Mich. Magnesium. 2,382,047; Aug. 14.
Ford Instrument Company, Inc.: *See*—
Crowther, George A., assignor.
Doe, T. B., and Kenngott, assignors.
Newell, William H., assignor.
Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bonded laminated magnetic material. 2,372,074; Mar. 20.
Ford, James W.: *See*—
Tillyer, E. D., and Ford.
Ford, John R., Narberth, Pa., assignor to Radio Corporation of America. Amplifier circuit. 2,379.699; July 3.
Ford, John R., Narberth, and J. M. Brumbaugh, Lansdowne, Pa., assignors to Radio Corporation of America. Selective null transmission circuit. 2,372,419; Mar. 27.
Ford, Joseph C., assignor to The Celon Company, Madison. Wis. Screw closure. 2,376,909; May 29.
Ford, Marlyn C., Jacksonville, Fla. Coin controlled locking device for typewriters. 2,374,927; May 1.
Ford Motor Company: *See*—
Boyer, R. A., Atkinson, and Robinette, assignors.
Boyer, R. A., Crupi, and Atkinson, assignors.
Ensign, E. E., and Shaub, assignors.
Ford, H., Boyer, and Beyer, assignors.
Ford, H., Ensign, and Quinn, assignors.
Foster, J. A., and Ensign, assignors.
Galamb, Joseph, assignor.
Galamb, J., and Hibbard, assignors.
Galamb, J., Roberts, and Chubbuck, assignors.
Kramer, Clarence F., assignor.
Kramer, C. F., and Cromwell, assignors.
Kramer, C. F., and Nelson, assignors.
McCarroll, R. H., and Vennerholm, assignors.
McCarroll, R. H., McCloud, and Hanson, assignors.
Newkirk, D. L., and Ensign, assignors.
Page, Ernest, assignor.
Pioch, W. F., and Mistele, assignors.
Pioch, W. F., and Scarlett, assignors.
Richards, A. B., and Atherton, assignors.
Richards, A. B., and O'Reilly, assignors.
Richards, A. B., Mickey, and O'Reilly, assignors.
Shaub, F. G., and Jennens, assignors.
Sheldrick, L. S., and Rodak, assignors.
Sheldrick, L. S., Farkas, and Nador, assignors.
Sorensen, Charles E., assignor.
Sorensen, C. E., and McCarroll, assignors.
Sorensen, C. E., and Reinhold, assignors.
Sorensen, C. E., and Sheldrick, assignors.
Sorensen, C. E., and Smith, assignors.
Sorensen, C. E., and Vant Ranst, assignors.
Sorensen, C. E., McCarroll, and Rothenthaler, assignors.
Thomas, C. W., and Robinson, assignors.
Toelle, A., and Salet, assignors.
Watson, J. E., and Binder, assignors.

Ford, Reginald C., Allesley near Coventry, England. Pump or compressor. 2,368,013; Jan. 23.
Ford, Reginald C., Allesley near Coventry, England. Distilling liquids. 2,375,640; May 8.
Ford, Reginald C., Allesley near Coventry, England. Pump or compressor. 2,386,675; Oct. 9.
Ford, Samuel W., Detroit, Mich. Range boiler. 2,366,507; Jan. 2.
Ford, Tirey F., Arlington, Va. Recovery of rubber latices from plants. 2,378,990; June 26.
Ford, Tirey F., Arlington, Va., assignor to the United States of America, as represented by the Secretary of Agriculture. Coagulation of castilloa latex. 2,390,996; Dec. 18.
Ford, Walter B., Los Angeles, assignor of forty-six and two-thirds percent to C. B. Jamison, Beverly Hills, and twenty percent to C. Mason, Beverly Hills, Calif. Toy gun. 2,390,247; Dec. 4.
Ford, Walter D., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Parting agent in cellular glass manufacture. 2,377,076; May 29.
Fordyce, Charles R., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose derivative extrusion process. 2,367,493; Jan. 16.
Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace wall construction. 2,375,841; May 15.
Foresman, Robert A., Prospect Park, D. J. Mosshart, Ardmore, and A. F. Schultz, Springfield, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stoker apparatus. 2,369,957; Feb. 20.
Forgea, Ernest, Rensselaer, N. Y. Attachment for looms. 2,368,820; Feb. 6.
Forget, Louisa, Haileybury, Ontario, Canada. Corset stay mounting. 2,389,037; Nov. 13.
Forgrove Machinery Company Limited, The: *See*— Russell, A., Parker, and Harris, assignors.
Forker, William L., et al.: *See*— Buckley, Frank R., assignor.
Form Fashion, Inc.: *See*— Sholder, Morris, assignor.
Forman, Benjamin, Stelton, N. J. Imparting gyratory and other motions to flexible tubular members. 2,381,213; Aug. 7.
Formhals, William H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Saturation scheme for direct current generators. 2,372,075; Mar. 20.
Formica Insulation Company, The: *See*— Dreyer, John F., assignor.
Formosa, John, McKees Rocks, Pa. Toolholder and guard. 2,366,249; Jan. 2.
Forney, Harold R., Surprise, Nebr. Automatic telescopic draft hitch. 2,384,244; Sept. 4.
Forney, Harold R., Surprise, Nebr. Draft hitch. 2,384,245; Sept. 4.
Forrer, Homer W., assignor to Atlanta Paper Company, Atlanta, Ga. Cardboard receptacle. 2,368,534; Jan. 30.
Forrest, Mark L., Portland, Oreg. Chain saw. 2,387,064; Oct. 16.
Fors, Eric H., assignor to Morgan Construction Company, Worcester, Mass. Gauge. 2,366,508; Jan. 2.
Fors, Eric H., Worcester, and J. W. Rodnick, Grafton, assignors to Morgan Construction Company, Worcester, Mass. Gauge. 2,368,129; Jan. 30.
Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,372,944; Apr. 3.
Forsberg, Erik A., Nockeby, assignor to Aktiebolaget Separator, Stockholm, Sweden. Pulsator for milking machines. 2,369,731; Feb. 20.
Forsberg, Frank, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Cleaning oxides from steel. 2,378,761; June 19.
Forse, Harry D., Anderson, Ind. Flatwork ironer. 2,368,652; Feb. 6.
Forsgren, Donald W. and W. W., assignors to U. S. Metallic Magnesium Company, Salt Lake City, Utah. Alloy for use in electrolytic cell. 2,379,429; July 3.
Forsgren, Waldo W.: *See*— Forsgren, Donald W. and W. W.
Forslund, Gustav J., Chicago, Ill. Lettering-guide holder. 2,389,303; Nov. 20.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Air regulator. 2,369,779; Feb. 20.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Distributing valve for pneumatic tools. 2,372,945; Apr. 3.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Nibbling tool. 2,376,590; May 22.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Motor armature. 2,381,533; Aug. 7.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Switch mounting for electric drills. 2,383,379; Aug. 21.
Forssberg, Carl F. W., Brooklyn, N. Y. Wind instrument. 2,373,110; Apr. 10.
Forssell, Eric G., Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill. Film holder. 2,389,495; Nov. 20.
Forssell, Eric G., Kenmore, N. Y., assignor to W. H. Miner, Inc., Chicago, Ill. Film holders. 2,390,211; Dec. 4.
Forst & Company, et al.: *See*— Forst, Harry S., assignor.
Forst, Harry S., assignor to Hugo Barol, trading as Forst & Company, Philadelphia, Pa. Lady's handbag and the like. 2,374,856; May 1.
Forster, John G., Chicago, Ill., and L. G. Plant, Washington, D. C. Combined sand elevator and drier. 2,388,399; Nov. 6.
Forster, John O.: *See*— Beeh, L., Forster, and Meyer.
Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company, Limited, Hayes, England. Making hub structures. 2,378,842; June 19.
Forsyth, Archibald G., Cheam, assignor to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Marine power unit. 2,389,663; Nov. 27.
Forsyth, Archibald G., and G. J. Smith-Pert, Cheam, assignors to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Supercharged engine for aircraft. 2,371,983; Mar. 20.
Forsyth, Archibald G., and G. J. Smith-Pert, Cheam, assignors to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Variable speed means for variable pitch propeller systems. 2,372,667; Apr. 3.
Forsyth, George H., Stevenage, England. Imposing harmonic torques on shafting. 2,371,984; Mar. 20.
Forter, Samuel A., assignor to Forter-Teichmann Company, Pittsburgh, Pa. Glass-blowing machine. 2,373,820; Apr. 17.
Forter-Teichmann Company: *See*— Forter, Samuel A., assignor. Snyder, Harold H., assignor.
Fortescue, Richard L., London, S. W. 12, assignor to Standard Telephones and Cables Limited, and Marconi's Wireless Telegraph Company, Limited, London, England. Thermionic valve apparatus. 2,389,145; Nov. 20.
Fortis, Oscar, Chicago, Ill., assignor to Automatic Burner Corporation. Burner. 2,386,848; Oct. 16.
Forward, Frederick B., McGaheysville, Va., assignor of one-half to R. A. Mattern, New York, N. Y. Prefabricated building construction. 2,375,910; May 15.
Fosdick Machine Tool Company, The: *See*— Linden, C. E., and McClellan, assignors.
Foss, Benjamin S., Brookline, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Control vanes for fans. 2,388,208; Oct. 30.
Foss, Ferdinand H. H., Chicago, Ill., assignor to Carnegie-Illinois Steel Corporation. Pincer lifting clamp. 2,367,766; Jan. 23.
Foss, Henry O., Tacoma, Wash. Floating dock. 2,389,353; Nov. 20.
Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Form-folding machine. 2,379,074; June 26.
Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe upper lacing machine. 2,383,538; Aug. 28.
Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tape applying machine. 2,383,539; Aug. 28.
Fosse, Henriette, J. Palou, and L. Lacombe, Avignon, France; vested in the Alien Property Custodian. Hand knitting needle. 2,378,544; June 19.
Fossieck, Gerald W.: *See*— Mueller, R. H., and Fossieck.
Foster, Adeline P.: *See*— Foster, Edson P., assignor.
Foster, Arch L., Tulsa, Okla., assignor to Phillips Petroleum Company. System of heat exchange and temperature control. 2,379,481; July 3.
Foster, Arch L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic cracking-isomerization alkylation process. 2,385,806; Oct. 2.
Foster, Arch L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparation of cyclic hydrocarbons. 2,387,989; Oct. 30.
Foster, Boutwell H., Maplewood, N. J., assignor to United States Rubber Company, New York, N. Y. Highly stretchable yarn. 2,387,320; Oct. 23.
Foster, Carl, East St. Louis, assignor to American Steel Foundries, Chicago, Ill. Peephole box. 2,387,133; Oct. 16.
Foster, David F., Napa, Calif. Compression control device. 2,381,895; Aug. 14.
Foster, Dudley E., Toronto, Ontario, Canada, assignor to Radio Corporation of America. Variable inductance tuning. 2,375,911; May 15.
Foster, Edson P., Manitowoc, Wis., assignor to A. P. Foster, Torrington, Conn. Felting needle and making the same. 2,391,560; Dec. 25.
Foster, Edward E.: *See*— Lilley, S. C., and Foster.
Foster, Edwin E., Austin, Tex. Ironing device. 2,369,732; Feb. 20.
Foster, James M., et al.: *See*— Anderson, William R., assignor.

Foster, John A., Detroit, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Replacing retorts. 2,372,946; Apr. 3.
Foster, Krake, et al.: *See*—
Ballinger, Karl, assignor.
Foster, Levin W.: *See*—
Holmberg, G. D., and Foster.
Foster Machine Company: *See*—
Swift, H. E., and Davis, assignors.
Foster, Norman M., assignor to Western Products, Incorporated, New Castle, Ind. Gas mixer. 2,366,322; Jan. 2.
Foster, Reginald T., Birkenhead, England, assignor to Imperial Chemical Industries Limited. Production of trichloroacetonitrile. 2,375,545; May 8.
Foster, Shubel A., Ferndale, Mich. Photographic printer. 2,383,785; Aug. 28.
Foster, Sidney, assignor to Automotive Products Company Limited, Leamington Spa, England. Landing gear for aircraft. 2,376,678; May 22.
Foster, Warren D.: *See*—
Wilson, O. W., and Foster.
Foster Wheeler Corporation: *See*—
Artsay, Nicholas C., assignor.
Beach, Frederick S., assignor.
Blizard, John, assignor.
Frisch, Martin, assignor.
Keenan, W. F., Jr., and Artsay, assignors.
Larsen, James M., assignor.
Lonsdale, William, assignor.
Primrose, J., and McCulloch, assignors.
Scott, Norris A., Jr., assignor.
Fostos, John, Burlingame, Calif. Amusement device. 2,385,980; Oct. 2.
Fothergill, Alexander P.: *See*—
Ravndal, E., and Fothergill.
Fothergill, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. High viscosity cellulose propionate and making. 2,372,565; Mar. 27.
Foulds, Charles V., Berkeley, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Air blast circuit breaker. 2,382,786; Aug. 14.
Foulds, Neil M.: *See*—
Ferris, W. D., Wolf, and Foulds.
Foulke, Ted E., Mayfield, Ohio, and H. M. Holtan, Brooklyn, N. Y., assignors to General Electric Company. Purifying tungstic acid. 2,366,250; Jan. 2.
Foulkes, Christopher H., assignor to Standard Telephones and Cables Limited, London, England. Mechanical adjustment of elements mounted inside vacuum tubes. 2,368,821; Feb. 6.
Foulston, Robert C., et al.: *See*—
Roby, Horace H., assignor.
Foundry Equipment Company, The: *See*—
Barnett, Charles A., assignor.
Fourness, Charles A., Appleton, and C. H. Reichel, assignors to Paper Patents Company, Neenah, Wis. Wadding roll tightener. 2,386,943; Oct. 16.
Fountain, Harold, Fall River, Mass., assignor to United Merchants & Manufacturers, Inc., Wilmington, Del. Multicolor flock printed fabric. 2,368,706; Feb. 6.
Fountain, Lawrence L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power-reversal and fault-responsive relay. 2,376,766; May 22.
Fountain, Lawrence L., and E. H. Klemmer, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discriminating protective relaying apparatus. 2,376,767; May 22.
Four Wheel Drive Auto Company, The: *See*—
Simonds, George D., assignor.
Fouse, Frederick Z.: *See*—
McNamara, W. L., and Fouse.
Fowler, Elbert, Mount Vernon, assignor to Rogers Diesel & Aircraft Corporation, New York, N. Y. Rotary pump. 2,372,076; Mar. 20.
Fowler, Elbert, Mount Vernon, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,386,046; Oct. 2.
Fowler, George B., and D. K. Pattilloch, Springfield, Mass.; said Pattilloch assignor to Chemical Developments, Inc., Chicago, Ill. Starch product. 2,385,438; Sept. 25.
Fowler, Ival G., and H. A. McMaster, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing optical elements. 2,367,111; Jan. 9.
Fowler, John T., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Crusher. 2,381,661; Aug. 7.
Fowler, Victor M., Spokane, Wash. Ladder. 2,381,154; Aug. 7.
Fowler, William F., Jr.: *See*—
Kenyon, William O., and Fowler.
Lowe, W. G., and Fowler.
Fox, Abraham L., and C. J. Chindgren, Salt Lake City, Utah, assignors to the Government of the United States, as represented by the Secretary of the Interior. Thermal decomposition of metallic nitrates. 2,374,674; May 1.
Fox, Anna, Yonkers, and H. J. Dudley, New York, N. Y. Loom construction. 2,382,048; Aug. 14.
Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyestuffs and preparing the same. 2,369,666; Feb. 20.
Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyestuffs and preparing the same. 2,369,667; Feb. 20.
Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyestuffs and preparing the same. 2,369,668; Feb. 20.
Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonyl chloride derivatives and preparing the same. 2,370,786; Mar. 6.
Fox, Arthur L., Easton, Pa., and K. C. Johnson, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of chlorinated phthalocyanines. 2,377,685; June 5.
Fox, Benjamin: *See*—
Worthen, E. P., and Fox.
Fox, Charles A., Oakland Village, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,367,391; Jan. 16.
Fox, Charles A., Oakland Village, assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical cut-out. 2,376,996; May 29.
Fox, Frank, New York, assignor of one-half to J. W. Funke, Pelham Manor, N. Y. Foldable reel for narrow fabrics. 2,369,958; Feb. 20.
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Skip hoist control. 2,370,855; Mar. 6.
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Skip hoist control. 2,379,958; July 10.
Fox, John J., Chicago, Ill. Forming T-head columns. 2,387,134; Oct. 16.
Fox, Joseph H., Bronx, N. Y. Photograph frame. 2,377,487; June 5.
Fox, LeRoy G., Los Angeles, assignor to C. N. Erickson, Glendale, Calif. Resuscitator. 2,376,348; May 22.
Fox, Martin, Chicago, Ill., assignor to The Seng Company. Desk with typewriter carrier. 2,372,718; Apr. 3.
Fox, Richard D.: *See*—
Thompson, A. R., and Fox.
Fox, Robert P.: *See*—
Berby, O. L., and Fox.
Fox, Sereck H., Birmingham, and L. P. Opferman, Detroit, assignors to Gelatin Products Corporation, Detroit, Mich. Enteric gelatin capsule shell or envelope. 2,390,088; Dec. 4.
Fox, Vernie A., Detroit, Mich. Fuel ignition system. 2,385,699; Sept. 25.
Fox, Vernie A., Detroit, Mich., assignor of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey & Almy Chemical Company, Cambridge, Mass. Apparatus for coating containers. 2,368,130; Jan. 30.
Foxboro Company, The: *See*—
Kidd, Wilmot H., assignor.
Mason, Clesson E., assignor.
Fr. Sauter A. G. Fabrik elektr. Apparate: *See*—
Helfenstein, Adam, assignor
Fradenburgh, John: *See*—
Kellogg, W. D., and Fradenburgh.
Fraga, Frank M., Fresno, Calif. Hitch. 2,379,225; June 26.
Fragen, Nathan: *See*—
Nysewander, C. W., and Fragen.
Fragen, Nathan, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Isomerization. 2,386,784; Oct. 16.
Fragola, Caesar F.: *See*—
Esval, O. E., Curry, Fragola, and Beach.
Fragola, Caesar F., Brooklyn, M. C. Depp, Hempstead, and R. S. Curry, Jr., Baldwin, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flux valve. 2,389,146; Nov. 20.
Fraim, Everett G.: *See*—
Sprague, R. M., and Fraim.
Frakes, Frank F., Columbia, Tenn. Airplane. 2,373,467; Apr. 10.
Fram, Julius: *See*—
Floyd, Clyde M., and Fram
Francescon, Daniel L., Oak Park, Ill., assignor to Columbian Bank Note Company. Printed label. 2,369,549; Feb. 13.
Francey, William J.: *See*—
Locke, S. J., and Francey.
Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation. 2,368,653; Feb 6.
Francis, Alfred W., Woodbury, and C. H. Schlesman, Camden, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of aromatic compounds. 2,371,163; Mar. 13.
Francis, Alfred W., Woodbury, N. J., and E. E. Reid, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated. Styrene separation. 2,377,221; May 29.
Francis, Alfred W., Woodbury, N. J., and W. H. James, State College, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Isomerization. 2,389,250; Nov. 20.
Francis, John G., assignor to Chamberlain, Inc., Chicago, Ill. Coffee brewer. 2,387,322; Oct. 23.
Francis, Oliver T., U. S Marine Corps. Apparatus for the detection and removal of gas or gases. 2,373,111; Apr. 10.

Francis, Oliver T., U. S. Marine Corps. Apparatus for the supply, detection, separation, or determination of the concentration of a gas or gases. 2,373,112; Apr. 10.

Francis, Oliver T., U. S. Marine Corps. Apparatus for the detection or separation of a plurality of gases. 2,373,113; Apr. 10.

Francis, Sydney, Weeton, near Leeds, England. Milling cutter. 2,377,773; June 5.

Francisco, Herbert H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Electrical contactor for wire or sheets. 2,366,509; Jan. 2.

Francisco, William H., Jr., Bloomfield, N. J., assignor to Wright Aeronautical Corporation. Gauge to indicate oil pressure in a crankcase. 2,375,096; May 1.

Franck, Clarence C., Swarthmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam turbine testing apparatus. 2,379,700; July 3.

Franck, Ernest W., Glenbrook, Conn., and H. E. Reeves, New York, N. Y. Phonograph. 2,380,037; July 10.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Filter. 2,367,935; Jan. 23.

Franck, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Plug cock. 2,383,054; Aug. 21.

Franck, Kurt, Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,368,014; Jan. 23.

Franclare Company: *See*—
Miller, F. W., assignor.

François, Jean, Issoire, France, assignor to Bendix Aviation Corporation, New York, N. Y. Brake. 2,372,319; Mar. 27.

Franey, Robert G.: *See*—
Glaser, L. B., and Franey.

Frank, Clarence E., Fraser, assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,377,336; June 5.

Frank, Edward J.: *See*—
Thumim, C., Frank, and Boisseau.

Frank, Eric L., Baltimore, Md. Garment. 2,368,654; Feb. 6.

Frank, Frederick C., Pitman, and D. E. Badertscher and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Vanadium salts of acid esters as inhibitors in lubricating oils. 2,388,400; Nov. 6.

Frank, George H., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand coating apparatus. 2,380,422; July 31.

Frank, George H., Oak Park, and B. M. A. Trebes, Berwyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Molding. 2,369,291; Feb. 13.

Frank, Guenther A.: *See*—
Kleinberg, Benjamin W., assignor.

Frank, Joseph, Forest Hills, and A. P. Marr, Brooklyn, assignors to Gemloid Corporation, Elmhurst, Long Island, N. Y. Portable flashlight. 2,387,753; Oct. 30.

Frank, Louis, Fellows, Calif. Snap-in electric lamp plug. 2,372,266; Mar. 27.

Frank, Louis, Fellows, Calif. Cooky cutter. 2,379,140; June 26.

Frank, Louis, Fellows, Calif. Electric switch plug and socket indicator. 2,380,588; July 31.

Frank, Louis, Fellows, Calif. Safety razor. 2,381,043; Aug. 7.

Frank, Louis, Fellows, Calif. Wire or rod connector and clamp. 2,387,436; Oct. 23.

Frank, Louis, Fellows, assignor of one-third to A. Reader, Taft, Calif. Rivet string. 2,366,510; Jan. 2.

Frank, Mark H., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Overdrive gearing. 2,390,645; Dec. 11.

Frank, Robert L.: *See*—
Frank, William H. and R. L., and Fisher.

Frank, William, Silesia, Mont. Air pipe coupling and retaining means. 2,376,134; May 15.

Frank, William H., assignor to Bull Dog Electric Products Company, Detroit, Mich. Manufacturing continuous outlet strip. 2,371,816; Mar. 20.

Frank, William H. and R. L., and L. E. Fisher, Detroit, Mich. Electrical distribution system. 2,372,267; Mar. 27.

Franke, Normal W.: *See*—
Montgomery, C. W., and Franke.

Frankel, Jack, Brooklyn, N. Y. Automatic grip for life-saving devices. 2,386,849; Oct. 16.

Frankel, Leo, Chicago, Ill., assignor, by mesne assignments, to Franklin Photographic Industries. Film splicer. 2,385,353; Sept. 25.

Frankel, Sidney, Forest Hills, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Frequency changing signal generating system. 2,380,959; Aug. 7.

Frankenberg Bros., Inc.: *See*—
Klein, C. F., and Huber, assignors.

Frankenfield, Frederick A.: *See*—
Daly, R. E., Frankenfield, and Schopmeyer.

Frankenstein, William P.: *See*—
Freel, W. G., Diver, and Jones, assignors.

Frankfort Distilleries, Incorporated: *See*—
Miller, Samuel C., assignor.
Walsh, E. R., and Ward, assignors.

Frankfurt, Boris: *See*—
Barnard, K. K., and Boris.

Frankfurther, Paul, London, England. Manufacture of stiffened fibrous materials. 2,373,954; Apr. 17.

Frankhouser, Albert G., assignor to The H. G. Shook Company, Lima, Ohio. Snatch block. 2,382,049; Aug. 14.

Frankl, Paul T., Los Angeles, Calif. Drawer construction. 2,377,929; June 12.

Franklin, Albert W., New York, N. Y. Radio tube socket. 2,380,589; July 31.

Franklin, Ernest M., Kingsport, Tenn., assignor of one-third to H. H. Smith, and one-third to C. E. Hartgrove. Stove or furnace construction. 2,382,785; Aug. 14.

Franklin, Godfrey, Vallejo, Calif. Sandblasting and apparatus therefor. 2,389,616; Nov. 27.

Franklin, Hubert F., Baldwin, N. Y., assignor to Republic Aviation Corporation. Aircraft gun mount. 2,381,341; Aug. 7.

Franklin, Leslie U.: *See*—
Crockett, L. O., and Franklin.

Franklin, Leslie U., and E. E. Dunlay, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Depolymerization of olefin polymers. 2,383,642; Aug. 28.

Franklin Photographic Industries: *See*—
Frankel, Leo, assignor.

Franklin Railway Supply Company, Inc.: *See*—
Delano, Raymond P., Jr., assignor.

Franklin, Richard C.: *See*—
Waldron, W. R., and Franklin.

Franklin, Robert B., assignor to Playground Equipment Co., Inc., Dallas, Tex. Carrousel. 2,384,906; Sept. 18.

Franklin, William B.: *See*—
Shipley, G. H., Jr., and Franklin.

Franks Manufacturing Corporation: *See*—
Woody, W. B., and Scott, assignors.

Franks, Russel, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Cold rolled manganese steels. 2,378,991; June 26.

Franks, Russel, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Articles for use at low temperatures. 2,378,992; June 26.

Franks, Russel, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Cold rolled manganese steels. 2,378,993–4; June 26.

Frankwich, Alexander C., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Take-up apparatus. 2,391,088; Dec. 18.

Frantz, John R., Wauwatosa, assignor to Le Roi Company, West Allis, Wis. Automatic compressor regulator. 2,380,226; July 10.

Frantz Manufacturing Co.: *See*—
Ferris, William D., assignor.
Ferris, W. D., Wolf, and Foulds, assignors.
Tarvin, Eugene R., assignor.

Frantz, Paul E., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clutch. 2,380,590; July 31.

Frantz, Virgil L., Roanoke, Va. Track sander. 2,380,745; July 31.

Franz, Chester B., Brentwood, Mo., assignor of one-half to Barker Poultry Equipment Company. Poultry handling method. 2,381,044; Aug. 7.

Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated. New York, N. Y. Reciprocable telescopic members. 2,374,595; Apr. 24.

Franz, Frederick, West Haven, assignor to ATA Manufacturing Company, Inc., New Haven, Conn. Cup-separating and dispensing machine. 2,385,267; Sept. 18.

Franz, Raymond A., Wallingford, Pa., assignor to The United Gas Improvement Company. Removing impurities from unsaturated hydrocarbons by means of organometallic compounds. 2,389,251; Nov. 20.

Fraps, Junius P., Yeadon, Pa., assignor to General Electric Company. Control of electric switches. 2,368,461; Jan. 30.

Fraps, Richard M., Beltsville, Md. Weighing scale. 2,368,655; Feb. 6.

Fraser, Charles E., Vancouver, British Columbia, Canada. Notching machine. 2,377,139; May 29.

Fraser and Glass Limited: *See*—
Taylor, Percy W., assignor.

Fraser, Harold M., assignor to International Lubricant Corporation, New Orleans, La. Production of lubricants. 2,380,960; Aug. 7.

Fraser, Kenneth G.: *See*—
Stillwagon, George B., Jr., assignor.

Fraser, Le Roy B., Woodbridge, and E. D. Lambert, West Hartford, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Method of and apparatus for testing guns and correcting gunsights. 2,378,545; June 19.

Fraser, Malcolm W.: *See*—
Parsons, John B., assignor.

Fraser, Malcolm W., trustee: *See*—
Parsons, John B., assignor.

Fraser, Roland K., assignor to Tyer Rubber Company, Andover, Mass. Device for applying viscous liquids. 2,376,243; May 15.

Frasher, Lloyd A., Riverside, Calif. Strawberry huller. 2,376,135; May 15.

Fratis, Joseph E., Berkeley, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Coating compositions and the like. 2,384,671; Sept. 11.
Frauenthal, Harold, and H. M. Lochrane, Muskegon, Mich.; said Lochrane assignor to said Frauenthal. Grinding, cutting or boring machine. 2,374,928; May 1.
Frazier, Elmer E., Halethorpe, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Obstruction warning device. 2,382,557; Aug. 14.
Frazier, Radford K., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Potentiometer. 2,388,534; Nov. 6.
Frazier, Raymond L.: *See*—
Lazar, A., Ruedrich and Frazier.
Frear, George L., near Sheffield, Ala., assignor to Tennessee Valley Authority. Oxidizing phosphorus. 2,374,188; Apr. 24.
Frecska, Zigmond E., Cleveland, Ohio. Safety traffic signal belt. 2,378,075; June 12.
Frede, Charles F.: *See*—
Jackson, E. C., and Frede.
Frede, Charles F., University City, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck brake structure. 2,374,738; May 1.
Frede, Charles F., University City, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,374,739; May 1.
Fredendall, Gordon L., Feasterville, Pa., assignor to Radio Corporation of America. Intelligence transmission system. 2,391,776; Dec. 25.
Frederick, George J., Portsmouth, Ohio. Bomb protector. 2,381,534; Aug. 7.
Frederick, Rochelle, Philadelphia, Pa. Rotatable table for casing punch presses. 2,374,596; Apr. 24.
Fredericksen, George H., et al.: *See*—
Bruen, George C., assignor.
Fredericksen, James M.: *See*—
Pierce, J. S., Salsbury, and Fredericksen.
Fredericksen, James P., Braintree, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt beating machine. 2,375,217; May 8.
Frederickson, Clayton E., Chicago, Ill. Traction wheel and chain. 2,383,184; Aug. 21.
Fredrickson, Edward A., assignor to Crane Co., Chicago, Ill. Flush valve. 2,369,104; Feb. 6.
Fredriksson, Joe A., San Francisco, Calif. Game board. 2,391,147; Dec. 18.
Free, Gerhard: *See*—
Pier, M., Free, and v. Fuener.
Freed, Henry C., Glendale, Calif. Fluid control coupling 2,369,823; Feb. 20.
Freed, Henry C., Glendale, Calif. Electromagnetically controlled coupling device. 2,370,027; Feb. 20.
Freedman, Israel L.: *See*—
Grice, L. O., and Freedman.
Freedman, Israel L., Washington, D. C. Headgear. 2,374,675; May 1.
Freedman, Israel L., Washington, D. C. Shirt. 2,375,779; May 15.
Freedman, Israel L., Washington, D. C. Coverall. 2,380,423; July 31.
Freel, William G., J. E. Diver, and S. F. Jones, London, Ontario, Canada, assignors, by mesne assignments, to W. P. Frankenstein, Cincinnati, Ohio. Carton. 2,374,006; Apr. 17.
Freeland Spool and Bobbin Corp.: *See*—
Markle, George B., Jr., assignor.
Freeman, Albert E.: *See*—
Brown, H. D., and Freeman.
Freeman, Benjamin W.: *See*—
Ducklo, Robert L., assignor.
Freeman, Louis G., Jr., assignor.
Newton, Charles E., assignor.
Freeman, Benjamin W. and L. G., Jr., Cincinnati, Ohio; said L. G. Freeman, Jr., assignor to B. W. Freeman. Heat marking apparatus 2,374,089; Apr. 17.
Freeman, Frank W.: *See*—
Gast, H., and Freeman.
Freeman, Frederick C., Lake Forest, and A. B. Rieger, Waukegan, Ill., assignors to Johns-Manville Corporation, New York, N. Y. Mineral wool apparatus. 2,376,043; May 15.
Freeman, Harry H., Teddington, England. Tool-adjusting means. 2,369,555; Feb. 13.
Freeman, Herbert H., Minneapolis, Minn. Piston. 2,378,076; June 12.
Freeman, Howard G., assignor to Rockwood Sprinkler Company. Worcester, Mass. Apparatus for extinguishing fires. 2,375,297; May 8.
Freeman, Leon T., and R. H. Shively, Scranton, Pa., assignors to C. H. Shively, Fremont, Ohio. Brake operating mechanism. 2,379,796; July 3.
Freeman, Leon T., and R. H. Shively, Scranton, Pa.; said Freeman assignor to said Shively. Brake operating mechanism. 2,385,621; Sept. 25.
Freeman, Leon T., and R. H. Shively, Scranton, Pa.; said Freeman assignor to said Shively. Brake operating mechanism. 2,385,622; Sept. 25.
Freeman, Louis G., Co., The: *See*—
Freeman, Benjamin W. and L. G.
Hoffman, Howard H., assignor.
Freeman, Louis G., Jr., assignor to B. W. Freeman, Cincinnati, Ohio. Slashing platforms and insoles. 2,380,227; July 10.
Freeman, Louis G., Jr., assignor, by mesne assignments, to B. W. Freeman, Cincinnati, Ohio. Die. 2,386,102; Oct. 2.
Freeman, Lowell C., assignor to The Murray Corporation of America, Detroit, Mich. Spring construction. 2,366,607; Jan. 2.
Freeman, Paul B.: *See*—
Whitesell, R. O., and Freeman, assignors.
Freeman, Richard D.: *See*—
Collings, W. R., Freeman, Roberts, and Hisey.
Freeman, Richard D., Midland, Mich., and G. P. Schmelter, Plainfield, N. J., assignors to The Dow Chemical Company, Midland, Mich. Polymerization mold. 2,376,244; May 15.
Freeman, Richard E., assignor to Freeman Shoe Corporation, Beloit, Wis. Shoe. 2,371,751; Mar. 20.
Freeman, Roland J., Baldwin, N. Y. Desk furniture. 2,387,506; Oct. 23.
Freeman, Samuel R. T., Leicester, England, assignor to Mellor Bromley & Co. Limited. Hank pole or the like for use in dyeing and analogous apparatus. 2,369,121; Feb. 13.
Freeman Shoe Corporation: *See*—
Freeman, Richard E., assignor.
Freeman, Stephen E., Wauwatosa, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Extraction of phosphatides, free fatty acids, and the like from glyceride oils. 2,390,528; Dec. 11.
Freeman, Thomas R., St. Louis, Mo. Foundation structure. 2,378,995; June 26.
Freeman, Walter B.: *See*—
Hasselquist, V. H., and Freeman.
Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor. 2,366,186; Jan. 2.
Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,366,608; Jan. 2.
Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Shaft seal. 2,375,985; May 15.
Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor. 2,384,293; Sept. 4.
Freese, Douglas H., Portage Des Sioux, Mo. Countersinking drill. 2,372,719; Apr. 3.
Freese, Frank B.: *See*—
Douty, A., and Freese.
Freevol, Harold, et al.: *See*—
Nelson, Noble A., assignor.
Freez-A-Bag, Inc.: *See*—
Robertson, Bassett R., assignor.
Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Stitch regulating mechanism. 2,369,780; Feb. 20.
Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,374,532; Apr. 24.
Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,374,857; May 1.
Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,376,044; May 15.
Frei, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto. 2,377,620; June 5.
Frei, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,377,621; June 5.
Frei, Jost: *See*—
Graenacher, C., Sallmann, Albrecht, and Frei.
Graenacher, C., Sallmann, and Frei.
Freiberg, Henry, assignor of one-half to S. Freiberg, London, England. Manufacture of fabrics and the like with beaded or similar decoration. 2,370,028; Feb. 20.
Freiberg, Louis D., Akron, Ohio. Wrapped article and wrapping the same. 2,371,985; Mar. 20.
Freiberg, Samuel: *See*—
Freiberg, Henry, assignor.
Freifelder, Morris: *See*—
Raiziss, G. W., Clemence, and Freifelder.
Freiler, Kurt, Los Angeles, Calif. Spool for ribbons and other narrow fabrics. 2,380,641; July 31.
Freilich, Jacob, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of baked goods. 2,382,305; Aug. 14.
Freisinger, Andrew, Jr., Florida, N. Y. Bulbous plant topper. 2,366,446; Jan. 2.
Freitag, Edward F.: *See*—
Freitag, Theodore R. and E. F.
Freitag, Theodore R., Woodbridge Township, Middlesex County, N. J., and E. F. Freitag, New York, N. Y. Automatic control for electroplating service. 2,370,621; Mar. 6.
Fremlin, John H., London W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,374,810; May 1.
French, Albert H., Beverly Hills, Calif., assignor to United Aircraft Corporation, East Hartford, Conn. Engine and propeller control. 2,374,276; Apr. 24.
French, Charles A., Greenville, S. C. Sterilizing apparatus and process. 2,386,676; Oct. 9.

French, David M.: *See*—
Rainier, E. T., and French.
French, George F. and R., Manchester, 15, England. Machine gun cartridge belt and the like. 2,376,962; May 29.
French, Henry C.: *See*—
Meyer, A. F., and French.
French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Submersible deep well pump. 2,368,131; Jan. 30.
French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Liquid pump. 2,368,132; Jan. 30.
French, James D., Austin, Tex. Traffic and other marker. 2,366,715; Jan. 9.
French, James W., assignor to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Optical observation instrument. 2,372,479; Mar. 27.
French, James W., Anniesland, Glasgow, W. 3., assignor to Barr and Stroud, Limited, Glasgow, Scotland. Binocular observation instrument. 2,387,838; Oct. 30.
French, John R., Greenville, S. C. Drier. 2,384,990; Sept. 18.
French, Louis O., Milwaukee, Wis. Fuel injector nozzle. 2,370,155; Feb. 27.
French, Norman R. Pleasantville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for intensifying speech in the human vocal cavities. 2,374,090; Apr. 17.
French Oil Mill Machinery Company, The: *See*—
Stacy, Thomas F., assignor.
French, Ralph T., Upper Darby, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker mechanism. 2,390,062; Dec. 4.
French, Roger: *See*—
French, George F. and R.
French, William C., Houston, Tex. Picker's cuff. 2,377,623; June 5.
Frerer, Paul G.: *See*—
Malone, H. E., and Frerer.
Frères, Sulzer, Société Anonyme: *See*—
Waeber, Erwin, assignor.
Frese, Harry J.: *See*—
Burke, W. A., and Frese, H. J. and W. O.
Frese, William O.: *See*—
Burke, W. A., and Frese, H. J. and W. O.
Fretz, Max.: *See*—
Heberlein, R., and Fretz.
Freund, Gertrude E., San Fernando, Calif. Exposure meter. 2,389,617; Nov. 27.
Freund, Herman R.: *See*—
Klingberg, E. G., Stadelmann, and Freund.
Freundenberg, Karl, and W. Lautsch, Heidelberg, Germany; vested in the Alien Property Custodian. Preparation of products from lignin by hydrogenation. 2,390,063; Dec. 4.
Freundlich, Albert, assignor to Spiral Binding Company, Inc., New York, N. Y. Manufacture of helical binders. 2,388,401; Nov. 6.
Freure, Benjamin T.: *See*—
Wickert, J. N., and Freure.
Freure, Benjamin T., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Production of acids from pyran derivatives. 2,378,996; June 26.
Frey, Charles N.: *See*—
Freilich, J., and Frey.
Schultz, A. S., Atkin, and Frey.
Frey, Christopher J., Englewood, N. J. Master connecting plates for engine installation. 2,379,226; June 26.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Paraffin alkylation. 2,366,716. Jan. 9.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of diolefins. 2,371,817; Mar. 20.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon alkylation process. 2,372,320; Mar. 27.
Frey, Frederick E., Bartlesville, Okla, assignor to Phillips Petroleum Company. Diolefin production. 2,376,425; May 22.
Frey, Frederick E., Bartlesville, Okla, assignor to Phillips Petroleum Company. Preparing diolefins. 2,376,426; May 22.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Polymerization of hydrocarbons. 2,377,411; June 5.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of cyclopentanone. 2,377,412; June 5.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbon containing organically combined fluorine. 2,377,546; June 5.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of lubricating oil. 2,378,762; June 19.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Making lubricating oil constituents. 2,378,763; June 19.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of aliphatic conjugated diolefins. 2,380,831; July 31.
Frey, Frederick E. Bartlesville, Okla., assignor to Phillips Petroleum Company. Regeneration of catalytic material. 2,381,659; Aug. 7.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovering hydrocarbons. 2,382,471; Aug. 14.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Regeneration of catalysts. 2,382,472; Aug. 14.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of butadiene. 2,382,473; Aug. 14.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting hydrocarbons. 2,384,294; Sept. 4.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation process. 2,384,735; Sept. 11.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation with gaseous olefinic material. 2,384,736; Sept. 11.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrogen fluoride. 2,388,135; Oct. 30.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of saturated hydrocarbon materials. 2,389,971; Nov. 27.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Reacting propane with olefins. 2,391,148; Dec. 18.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbon containing organically combined fluorine. 2,391,149; Dec. 18.
Frey, Frederick E., and J. P. Jones, Bartlesville, Okla., assignors to Phillips Petroleum Company.. Modifying aromatic hydrocarbons. 2,373,303; Apr. 10.
Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Decomposition of diolefin monosulphones. 2,380,832; July 31.
Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Decomposition of diolefin mono-sulphones. 2,380,833; July 31.
Freydberg Bros.-Strauss, Inc.: *See*—
Hawkins, William H., assignor.
Freygang, Walter H., Essex Fells, assignor to Specialties Development Corporation, Bloomfield, N. J. Fluid release device. 2,383,961; Sept. 4.
Freyn Engineering Company: *See*—
Fox, Gordon, assignor.
Whitcomb, Arthur J., assignor.
Freyssinet, Eugene, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Tensioning and anchoring of cables in concrete or similar structures. 2,371,882; Mar. 20.
Friberg, Carl A., Malmo, Sweden. Winning and preparing peat. 2,379,570; July 3.
Frick Company: *See*—
Buehler, Leon, Jr., assignor.
Frick, Henry E., Upper Montclair, assignor to The Metal Lumber Corporation of New Jersey, Hoboken, N. J. Covering cargo hatches and the like. 2,376,245; May 15.
Frick, Nils B., Appelviken, Sweden. Demonstration device, particularly for insurance purposes. 2,382,007; Aug. 14.
Frick, Reinhold, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Co. Inc. Device for the generation of pressure in presses. 2,378,764; June 19.
Frickey, Royal E., San Francisco, Calif., and C. W. McKee, assignors to Welding Service, Inc., Chicago, Ill. Method and apparatus for detecting flaws in rails. 2,388,683; Nov. 13.
Friden Calculating Machine Co., Inc.: *See*—
Friden, Carl M., assignor.
Friden, Carl M. F., assignor.
Friden, C. M., and Ellerbeck, assignors.
Friden, C. M., and Machado, assignors.
Machado, Anthony B., assignor.
Friden, Carl M., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,371,752; Mar. 20.
Friden, Carl M., Pleasanton, and G. C. Ellerbeck, San Leandro, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,376,997; May 29.
Friden, Carl M., Pleasanton, and A. B. Machado, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Centralizing mechanism. 2,380,642; July 31.
Friden, Carl M., Pleasanton, and A. B. Machado, Oakland, Calif., assignors to Friden Calculating Machine Co., Inc. Keyboard release mechanism. 2,391,089; Dec. 18.
Friden, Carl M. F., Pleasonton, Calif., assignor to Friden Calculating Machine Co., Inc. Revolutions counter actuator. 2,388,209; Oct. 30.
Friderici, Wayne J., Port Clinton, Ohio, assignor to The Standard Products Company, Detroit, Mich. Shell grommet. 2,391,403; Dec. 25.
Fridlund, Yngve A., and S. E. Hedman, assignors to Konfektionsaktiebolaget Viking, Trollhattan, Sweden. Coat front structure. 2,368,460; Jan. 30.
Fried, Zoltan, New York, N. Y. Arch support. 2,366,323; Jan. 2.

Friedel, Georg, Dresden, Germany; vested in the Alien Property Custodian. Improving milk, cream, curd, and cheese. 2,385,569; Sept. 25.
Friedel, Howard H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Methods and apparatus for reacting gases with liquids. 2,385,200; Sept. 18.
Friedel, Jonas, Omaha, Nebr. Cleaning broom. 2,388,356; Nov. 6.
Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds. 2,386,204; Oct. 9.
Friedheim, Ernst A. H., New York, N. Y. Therapeutically active aromatic diazo compounds and derivatives thereof. 2,388,260; Nov. 6.
Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds. 2,390,089; Dec. 4.
Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds. 2,390,090; Dec. 4.
Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds. 2,390,091; Dec. 4.
Friedheim, Ernst A. H., New York, N. Y. Substituted 1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds. 2,390,092; Dec. 4.
Friedheim, Ernst A. H., New York, N. Y. Hydrazino-1,3,5-triazino derivatives of substituted phenylarsenic compounds. 2,390,529; Dec. 11.
Friedheim, Ernest A. H., New York, N. Y. 1,3,5-triazinyl-phenyl-sulphides carrying a metallic radical. 2,391,452; Dec. 25.
Friedheim, Ernst A. H., New York, N. Y., and E. Bergmann, Rehovoth, Palestine. 4′ methoxy 5 halogeno diphenylamino 2′ carboxyl compound and producing the same. 2,389,147; Nov. 20.
Friedland, Al, Lawrence, N. Y. Garment. 2,389,192; Nov. 20.
Friedlander, Jean, Brooklyn, N. Y. Calculating machine. 2,381,660; Aug. 7.
Friedman, Bernard S.: *See*—
Haensel, V., and Friedman, assignors.
Friedman, Bernard S., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Separation of organic compounds. 2,385,981; Oct. 2.
Friedman, Bernard S., assignor to Universal Oil Products Company, Chicago, Ill. Recovering hydrogen halide. 2,386,944; Oct. 16.
Friedman, Bernard S., and R. F. Stedman, assignors to Universal Oil Products Company, Chicago, Ill. Separation of an unsaturated hydrocarbon from a hydrocarbon mixture. 2,391,404; Dec. 25.
Friedman, Herbert, Arlington, Va. Parallel arrangement of geiger-muller counters. 2,383,477; Aug. 28.
Friedman, Herbert, Washington, D. C. Measuring X-ray diffraction patterns. 2,386,785; Oct. 16.
Friedman, Herbert, Arlington, Va., and A. L. Christenson, Washington, D. C. Radiographic exposure meter. 2,383,478; Aug. 28.
Friedman, Isidor: *See*—
Farkas, W., and Friedman.
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Making bullets. 2,739,701; July 3.
Friedman, Julian: *See*—
Baker, T. W., and Friedman.
Friedman, Samuel M., Brooklyn, N. Y. Transmission mounting. 2,369,292; Feb. 13.
Friedman, Theodore, New York, N. Y. Making plastic spring. 2,375,357; May 8.
Friedrichs, Werner, Berlin C 2, Germany; vested in the Alien Property Custodian. Bipartite tube. 2,374,858; May 1.
Friedwald, Harry, New York, N. Y. Machine for coloring cigarette wrappers. 2,366,187; Jan. 2.
Friegel, William: *See*—
Kingsinger, R., Pinkham, and Friegel.
Frieman, Jacob G., Tiffin, Ohio. Undergarment. 2,381,816; Aug. 7.
Friend, Otto A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Special service telephone system. 2,370,239; Feb. 27.
Fries Bros., Inc: *See*—
Stockelbach, Frits E., assignor.
Friesch, Charles, Pueblo, Colo. Cigarette dispenser. 2,370,398; Feb. 27.
Frisbie, Marshall H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Fan impeller. 2,370,652; Mar. 6.
Frisch, Erling: *See*—
Schaelchlin, Walter.
Frisch, Hans R., Caterham-on-the-Hill, England. Production of fresh water from salt water. 2,373,884; Apr. 17.
Frisch, Irving M., et al.: *See*—
Piper, Henry S., assignor.
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for generating and superheating steam. 2,366,717; Jan. 9.
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,366,718; Jan. 9.
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,366,719; Jan. 9.
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,366,720; Jan. 9.
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,380,424; July 31.
Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Furnace. 2,381,896; Aug. 14.
Frische, Carl A., Leonia, N. J., and G. N. Hanson, New York, assignors, by mesne assignments, to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft automatic pilot with automatic banking. 2,380,425; July 31.
Frischer, Herman, New York, N. Y. Loosely dumped filling body. Re. 22,696; Nov. 27.
Frischer, Herman, New York, N. Y. Loosely dumped filling body. 2,376,349; May 22.
Frischmann, George J.: *See*—
Phelps, G. H., and Frischmann.
Frischmuth, Robert W.: *See*—
Colton, H. S., Knowles, and Frischmuth.
Frisk, Vladimir G., Schenectady, N. Y., assignor to General Electric Company. Smokestack for movable power plants. 2,366,511; Jan. 2.
Fritsch, Frank M. and L. B., assignors to The Eagle Woodenware Manufacturing Company, Hamilton, Ohio. Mop wringer. 2,384,907; Sept. 18.
Fritsch, Lawrence B.: *See*—
Fritsch, Frank M. and L. B.
Fritz, Dwain E., Wapakoneta, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Delayed-start connection for electric motors. 2,383,303; Aug. 21.
Fritz, James H., Montclair, assignor to National Oil Products Company, Harrison, N. J. Antifoaming agents. 2,390,212; Dec. 4.
Fritzberg, Edward L., Minneapolis, Minn., assignor to General Mills, Inc. Precipitation of proteins. 2,368,919; Feb. 6.
Fritzberg, Edward L., Minneapolis, Minn., assignor to General Mills, Inc. Stirring device. 2,390,579; Dec. 11.
Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Professional cabinet. 2,369,664; Feb. 20.
Froehlich, Kurt, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Indicator drive for reciprocating engines. 2,381,273; Aug. 7.
Fröhlich, Alfred: *See*—
Schneider, W., Fröhlich, and Neugebauer.
Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,366,324; Jan. 2.
Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,373,821; Apr. 17.
Fröhlich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,376,679; May 22.
Frojd, Albin G.: *See*—
Delahan, E. H., and Frojd.
Frolich, Per K.: *See*—
Kellogg, H. B., and Frolich.
Frolich, Per K., Westfield, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Rubber compositions. 2,379,482; July 3.
Fromm, Herbert, Hamburg, Wis. Fruit juice extractor. 2,367,859; Jan. 23.
Fromm Laboratories, Inc.: *See*—
Siedentopf, Heinz A., assignor.
Frommer, Joseph C., assignor to Rolling & Engraving Mills, Inc., Chicago, Ill. Electric circuits. 2,381,155; Aug. 7.
Fromuth, Karl F.: *See*—
Lowell, A. L., and Fromuth.
Fronk, William E., assignor of one-half to P. E. Carroll, Ogden, Utah. Attachment for the steam heat conduit connections of railroad cars. 2,369,888; Feb. 20.
Froom, Darrell A., Santa Maria, Calif. Method and apparatus for making blanks from cans. 2,378,136; June 12.
Frosch, Alex, Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,369,550; Feb. 13.
Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High molecular weight linear polyester-amides. 2,386,454; Oct. 9.
Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polyamides. 2,388,035; Oct. 30.
Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polyesters. 2,388,318; Nov. 6.
Frosst, Charles E., & Co.: *See*—
Butler, G. C., Lozinski, and Odell, assignors.
Frost, Douglas V., Waukegan, Ill., assignor to Abbott Laboratories. Riboflavin solution. 2,388,261; Nov. 6.
Frost, Earl R., assignor to The National Machinery Company, Tiffin, Ohio. Method and apparatus for forging. 2,389,425; Nov. 20.
Frost, Frederick H.: *See*—
Goff, L. O., and Frost.

Frost, John G., Seattle, Wash. Horizontal rotary type oil burner. 2,370,345; Feb. 27.
Frost, Norman B., Washington, D. C. Golfer's glove. 2,379,430; July 3.
Frost Railway Supply Co., The: *See*—
Endsley, Louis E., assignor.
Frost, Robert P., Redding, Calif. Press. 2,387,839; Oct. 30.
Frost, William C.: *See*—
Hill, Charles A., assignor.
Frostick, Harold G.: *See*—
Baker, R. M., Frostick, and Whittaker.
Frostick, Harold G., Pittsburgh, and E. M. Sollie, Saxonburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Inductive heating coil. 2,381,274; Aug. 7.
Frostidrink Inc.: *See*—
Bowman, Wade W., assignor.
Frothingham, Donald M., Noroton, Conn., assignor to Ferrex Corporation, New York, N. Y. Apparatus for extruding hollow articles. 2,368,980; Feb. 6.
Frownfelter, Edgar L., assignor to The Brown Instrument Company, Philadelphia, Pa. Thermocouple assembly. 2,371,288; Mar. 13.
Frudden, Conrad E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vehicle steering truck and making same. 2,375,167; May 1.
Fruehauf Trailer Company: *See*—
Reid, Frederick M., assignor.
Fruit Packers Supply & Equipment Company: *See*—
Sandmeyer, Ernest R., assignor.
Fruit & Produce Packing, Inc.: *See*—
McCormick, James A., assignor.
Fruth, Hal F., Skokie, Ill. Bimetallic clamp. 2,377,222; May 29.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Abrasive material. 2,378,399; June 19.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Grinding small objects. 2,387,135; Oct. 16.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Method and apparatus for edge grinding small objects. 2,387,136; Oct. 16.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Finishing piezoelectric crystals. 2,387,137; Oct. 16.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Grinding method and apparatus. 2,387,138; Oct. 16.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Apparatus for edge grinding small objects. 2,387,139; Oct. 16.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Method and apparatus for finish grinding piezoelectric crystals. 2,387,140; Oct. 16.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Making piezoelectric crystal structures. 2,387,141; Oct. 16.
Fruth, Hal F., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Crystal grinding and etching. 2,387,142; Oct. 16.
Fruth, Hal F., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Condenser material and making same. 2,384,541; Sept. 11.
Fruth, Hal F., Elmhurst, W. O. Haas, Jr., Wilmette, and E. G. Walters, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Inorganic insulation for electrical conductors. 2,384,542; Sept. 11.
Fry, Arthur S. and L. L., Withrow, assignors to General Motors Corporation, Detroit, Mich. Reconditioning spark plugs. 2,375,218; May 8.
Fry, Benjamin W., University City, Mo. Vending machine. 2,377,413; June 5.
Fry, Benjamin W., assignor to National Slug Rejectors, Inc., St. Louis, Mo. Coin separator. 2,374,007; Apr. 17.
Fry, Charles A.: *See*—
Keplinger, R. B., and Fry.
Fry, Douglas J.: *See*—
Kendall, J. D., and Fry.
Fry, Douglas J., and J. D. Kendall, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Cyanine dyestuffs. 2,388,963; Nov. 13.
Fry, Eugene M., Jr.: *See*—
Ludi, W. C., and Fry.
Fry, Horace P., Jr.: *See*—
McDermott, H. J., and Fry, assignors.
Fry, Mildred S., et al.: *See*—
Karow, George A., assignor.
Fry, Millard E., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,388,839; Nov. 13.
Fry, William L., assignor to Reichel-Korfmann Co., Milwaukee, Wis. Gauge board. 2,388,402; Nov. 6.
Frydman, Emanuel, Liverpool, England, assignor, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electromagnetic interrupter. 2,371,986; Mar. 20.
Frye, Albert L.: *See*—
Dobson, W. M., Frye, and Griggs.
Frye, Elroy E.: *See*—
Graham, W. R., Jr., and Frye.
Frykman, Victor L.: *See*—
Norton, L. D., and Frykman.
Fryling, Charles F.: *See*—
Semon, W. L., and Fryling.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of dienes. 2,366,325; Jan. 2.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3. 2,366,326; Jan. 2.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadienes-1,3. 2,366,327; Jan. 2.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of conjugated dienes. 2,373,753; Apr. 17.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Regulation of the polymerization of butadiene-1,3 hydrocarbons. 2,376,350; May 22.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of conjugated diene hydrocarbons. 2,380,426; July 31.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Amino acids in emulsion polymerization. 2,380,591; July 31.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polmerization of conjugated dienes. 2,383,055; Aug. 21.
Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubberlike materials. 2,384,543; Sept. 11.
Fryling, Charles F., assignor, by mesne assignments, to The B .F. Goodrich Company, Akron, Ohio. Copolymerization of butadiene hydrocarbons and aryl olefins. 2,366,328; Jan. 2.
Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coagulant for synthetic rubber latices. 2,378,693; June 19.
Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization initiator. 2,378,694; June 19.
Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coagulating synthetic rubber latices. 2,378,695; June 19.
Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadienes. 2,379,431; July 3.
Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Preparing synthetic rubber. 2,384,544; Sept. 11.
Fryling, Charles F., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Butadiene copolymers. 2,384,545; Sept. 11.
Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of synthetic rubber. 2,384,546; Sept. 11.
Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Butadiene copolymers. 2,384,547; Sept. 11.
Fryling, Charles F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Modifiers for polymerization of butadiene-1,3 hydrocarbons. 2,388,477; Nov. 6.
Fryling, Charles F., Akron, and W. L. Semon, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Stabilization of butadiene-1,3 hydrocarbons. 2,373,754; Apr. 17.
Fuchs, Douglas O., Rock Island, Ill. Metallic cartridge belt link. 2,384,827; Sept. 18.
Fuchs, Julius, assignor of forty-five per cent to A. J. Baker, Cleveland, Ohio. Rotary pump. 2,372,480; Mar. 27.
Fuchs, Karl: *See*—
Christel, A. G., and Fuchs.
Fuchs, Morton: *See*—
Alford, A., and Fuchs.
Fuchs, Walter M., New York, N. Y. Water soluble alumina hydrate powder. 2,377,547; June 5.
Fuel Refining Corporation: *See*—
Otto, Carl, assignor.
Wethly, Frans, assignor.
Fuel Research Corporation: *See*—
Stillman, Albert L., assignor.
Fuel Research Development Corporation: *See*—
Chatterton, R. M., and Slade, assignors.
Susie, Alfred G., assignor.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. Re. 22,608; Feb. 27.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic shutter. 2,382,623; Aug. 14.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,382,624; Aug. 14.
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,384,615; Sept. 11.
Fuerstenberg, Herbert C., Indianapolis, Ind. Basket 2,374,277; Apr. 24.
Fuerstenberg, Herbert C., Indianapolis, Ind. Two-wheel cart. 2,374,278; Apr. 24.
Fugazzi, John V., New York, N. Y. Device for holding articles in suspension. 2,377,488; June 5.

Fugler, Wilbur D., Baton Rouge, La. Fish lure. 2,374,279; Apr. 24.
Fuglie, Elmer A., assignor to Winona Tool Mfg. Company, Winona, Minn. Crankshaft support and grinder. 2,390,933; Dec. 11.
Fuglie, Elmer A., assignor to Winona Tool Mfg. Company, Winona, Minn. Removing broken studs. 2,391,405; Dec. 25.
Fuglie, Elmer A., and H. J. Anderson, assignors to Winona Tool Mfg. Company, Winona, Minn. Automatic crankshaft grinding and polishing machine. 2,391,406; Dec. 25.
Fuld, Paul A., Glen Burnie, Md. Trundle toy. 2,387,507; Oct. 23.
Fulflo Specialties Company, Inc., The: *See*—
Clifton, Robert E., assignor.
Fulkerson, Charles C., Lake City, Iowa, assignor of one-third to B. L. Willis, Menlo Park, Calif. Vacuum caponizing instrument. 2,378,137; June 12.
Fullemann, Johann, Washington, D. C. Blower impeller. 2,366,251; Jan. 2.
Fuller, Albert B., deceased, by A. W. Kelso, executrix, assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,378,207; June 12.
Fuller, Alfred H.: *See*—
Cave, H., Fuller, and Le Febvre.
Fuller, Alfred J., assignor to Potter & Johnston Machine Company, Pawtucket, R. I. Timing box mechanism for machine tools. 2,377,337; June 5.
Fuller, Boine W.: *See*—
Tucker, Jesse D., assignor.
Fuller Brush Company, The: *See*
Cave, H., Fuller, and Le Febvre, assignors.
Hornbrook, Philip R., assignor.
Rowland, Clarence G., assignor.
Fuller, Calvin S., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cross-linked polyesters and electrical conductors containing them. 2,388,319; Nov. 6.
Fuller, Charles E., Dothan, Ala. Adjustable hinge. 2,373,955; Apr. 17.
Fuller, Charles M., Jr., assignor to Super Mold Corporation, Lodi, Calif. Feed mechanism for endless belt conveyers. 2,368,352; Jan. 30.
Fuller Company: *See*—
Gaffney, Joseph B., assignor.
Fuller Displays, Inc.: *See*—
Borregard, Ernst, assignor.
Fuller, Donald L.: *See*—
Crawford, C. C., Fuller, and Greensfelder.
Fuller, Donald L., and Bernard S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of cyclohexane from petroleum. 2,373,673; Apr. 17.
Fuller, Donald L., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of synthetic benzene. 2,378,208; June 12.
Fuller, Donald L., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of aromatic hydrocarbons. 2,378,209; June 12.
Fuller, Donald L., and B. S. Greensfelder, Oakland, assignors to Shell Development Company, San Francisco, Calif. Synthesis of toluene and xylenes. 2,378,210; June 12.
Fuller, Emil E.: *See*—
Amrhein, H. L., and Fuller.
Fuller, Everett W.: *See*—
Angel, H. S., Fuller, and Berger.
Berger, H. G., Noland, and Fuller.
Redman, H. E., and Fuller.
Williams, R. H., and Fuller.
Fuller, Frederic B.: *See*—
Guibert, F. W., and Fuller.
Fuller, Gerald S., Schenectady, N. Y. Polishing wheel construction. 2,379,141; June 26.
Fuller, Hardick F., Portland, Oreg. Holder for electrodes and welding rods. 2,390,997; Dec. 18.
Fuller, John L., Cleveland, Ohio, assignor to The Reliance Electric & Engineering Company. Tapped stator winding. 2,377,930; June 12.
Fuller, John M., Beverly Farms, Mass., assignor to Vulcan Corporation, Portsmouth, Ohio. Cutter and device for forming curved slots under lips of continental type heels. 2,377,931; June 12.
Fuller, Joseph C., Newton, Mass. Making turncocks. 2,387,013; Oct. 16.
Fuller, Katherine, Covington, Ky. Golf ball teeing device. 2,370,529; Feb. 27.
Fuller Label & Box Company: *See*—
Hardesty, Eugene, assignor.
Monks, Frank E., assignor.
Fuller, Ralph L., et al.: *See*—
Stow, Clarence E., assignor.
Fuller, Warren D., West Hartford, Conn., assignor to Selas Corporation of America. Gas burner. 2,384,022; Sept. 4.
Fullerton, Benjamin F., Amarillo, Tex. Heating device. 2,379,348; June 26.
Fullerton, George A., Clarendon, Pa. Figure toy. 2,373,556; Apr. 10.
Fulleton, Lee W., Portland, Oreg. Welding holder for metal pipes and bars and the like. 2,381,584; Aug. 7.
Fullman, James M. G., Sewickley, Pa., assignor to National Electric Products Corporation. Stuffing box. 2,371,753; Mar. 20.
Fulmer, Charles A., Fort Thomas, Ky. Ring lapping machine. 2,378,696; June 19.
Fulmer, Ellis L., L. A. Underkofler, and R. J. Hickey, assignors to Iowa State College Research Foundation, Ames, Iowa. Glycerol production. 2,388,840; Nov. 13.
Fulper, John H., assignor to Kewanee Machinery & Conveyor Co., Kewanee, Ill. Conveyer. 2,368,353; Jan. 30.
Fulton Bag and Cotton Mills: *See*—
Carter, Jack W., assignor.
Fulton, Claude C., St. Louis, Mo. Attachable power-driven supporting frame for mowers and other garden implements. 2,374,533; Apr. 24.
Fulton Company, The: *See*—
Zimmerman, Herbert L., assignor.
Fulton Electric Mfg. Co.: *See*—
Nunes, John S.
Fulton, Katherine C., et al.: *See*—
Kopf, Robert Y., assignor.
Fulton, Stewart C., Elizabeth, and T. Cross, Jr., Union, N. J., assignors to Standard Oil Development Company. Hydrocarbon treatment. 2,380,228; July 10.
Fulton, Stewart C., and K. K. Kearby, Elizabeth, N. J., assignors to Standard Oil Development Company. Catalytic dehydrogenation. 2,383,643; Aug. 28.
Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Automatic stoker. 2,377,874; June 12.
Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Automatic stoker. 2,385,782; Oct. 2.
Fulton, William J., Los Angeles, Calif. Lime flux and manufacture. 2,376,998; May 29.
Funaroff, Urie, Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric tube. 2,367,570; Jan. 16.
Funk, Charles E., Jr., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing alpha-naphthylmethyl chloride. 2,387,702; Oct. 23.
Funk, Donald S., Oak Park, Ill. Window ventilator. 2,388,734; Nov. 13.
Funk, Peter G., Ridgewood, N. Y. Valve. 2,374,989; May 1.
Funk, Rudolph, Hagerstown, Md. Detachable port cover. 2,391,407; Dec. 25.
Funk, Truman B., assignor to Yard-Man, Inc., Jackson, Mich. Brake mechanism. 2,389,972; Nov. 27.
Funke, Juliann W.: *See*—
Fox, Frank, assignor.
Funkey, Lyman H., Marinette, Wis. Fish cleaning machine. 2,370,947; Mar. 6.
Furman, Frank J.: *See*—
Mills, A. W., Furman, and Rabenda.
Furnas Electric Company: *See*—
Furnas, W. C., Schumacher, and Kercher, assignors.
Furnas, W. C., and Spotts.
Furnas, Vincent E.: *See*—
Babcock, G. M., Rethwisch, and Furnas.
Furnas, William C., and D. G. Spotts, Batavia, Ill.; said Spotts assignor of his right to W. C. Furnas, doing business as Furnas Electric Company, West Allis, Wis. Switch assemblage. 2,388,783; Nov. 13.
Furnas, William C., Batavia, E. B. Schumacher, Aurora, and R. S. Kercher, Naperville, assignors to Furnas Electric Company, Batavia, Ill. Switch assemblage. 2,388,784; Nov. 13.
Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Riverton, N. J. Cyclic system for the manufacture of cuproammonium rayon and for the recovery of chemicals. 2,370,156; Feb. 27.
Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Riverton, N. J. Recovery and reuse of copper sulphate from wash liquors. 2,370,157; Feb. 27.
Furness, William H., Haddonfield, N. J., assignor to American Rayon Company, Inc., Riverton, N. J. Apparatus for and method of manufacture of cuproammonium rayon. 2,378,211; June 12.
Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Collingswood, N. J. Reeling device. 2,387,252; Oct. 23.
Furry, John F., assignor to Outboard, Marine & Manufacturing Company, Galesburg, Ill. Coil assembly. 2,386,889; Oct. 16.
Fürst, Stefan: *See*—
Reiners, Wilhelm and W., Kahlisch, and Fürst.
Furter, Max F., Upper Montclair, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of improved hulled rice. 2,381,342; Aug. 7.
Further, Max F., Upper Montclair, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Manufacture of improved hulled rice. 2,381,343; Aug. 7.
Furtwangler, Carl A., Parma, Mich. Metal band saw. 2,369,451; Feb. 13.
Fuss, George R., Philadelphia, Pa. Portable electric lighting device. 2,373,390; Apr. 10.
Fuston, Howard L., Oak Park, Ill. Ignition breaker. 2,384,828; Sept. 18.
Fuzak, Clarence S.: *See*—
Rosenlund, V. E., and Fuzak.
Fyksen, Johnny W., Rawlins, Wyo. Fuel supplying apparatus. 2,380,961; Aug. 7.

Fyr-Fyter Company, The: *See*—
Iddings, R. C., Bork, and Williams, assignors.
Wright, John W., assignor.

G & A Laboratories, Inc.: *See*—
Hasselstrom, Torsten, assignor.
Hasselstrom, T., and (Hampton, assignor).

G. B. (Nottingham) Limited: *See*—
Ballamy, L. M., and Sheepshanks, assignors.

G-H Specialty Company: *See*—
Meyer, J. J., and Jones, assignors.

G. M. S. Corporation: *See*—
Sloan, Theodore H., assignor.

G. W. B. Electric Furnaces Limited: *See*—
McDonald. James, assignor.

G & W Electric Specialty Company: *See*—
Nicholas, James H., assignor.

Gabeler, William H., assignor to The Davison Chemical Corporation, Baltimore, Md. Apparatus and method for washing gels. 2,389,973; Nov. 27.

Gable, Louis H., Seneca, Ill. Band iron brake. 2,382,306; Aug. 14.

Gabler, Raymond J.: *See*—
Damme, W. O., and Gabler.

Gabriel Company, The: *See*—
Beecher, Eugene L., assignor.

Gabrielson, Samuel, South Lynnfield, Mass., assignor to General Electric Company. Gyro caging device. 2,366,721; Jan. 9.

Gadbois, Georges, Sweetsburg, Quebec, Canada. Volume expander. 2,375,298; May 8.

Gadow, Bernhard A., Rehoboth Beach, Del. Tensional shingle fastener. 2,374,740; May 1.

Gadwa, Truman A., Mount Vernon, assignor to The Lummus Company, New York, N. Y. Styrene fractionation. 2,370,948; Mar. 6.

Gaebel, Arthur H., Larchmont, N. Y. Photographic apparatus. 2,366,722; Jan. 9.

Gaenssle, Paul W.: *See*—
Eksergian, C. L., and Gaenssle.

Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia Pa. Brake mechanism. 2,374,859; May 1.

Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake support. 2,377,140; May 29.

Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake arrangement. 2,383,376; Aug. 21.

Gaenssle, Paul W., and R. G. Stacy, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Brake mechanism. 2,382,870; Aug. 14.

Gaenzle, Luther E.: *See*—
Menger, F. B., and Gaenzle.

Gaenzle, Luther E., assignor to Armstrong Cork Company, Lancaster, Pa. Apparatus for finishing the surface of cylindrical bodies. 2,367,641; Jan. 16.

Gaertner, Moritz, New York, N. Y. Moving screen for oil burners. 2,372,194; Mar. 27.

Gaertner Scientific Corporation, The: *See*—
Jacobsohn, Samuel J., assignor.

Gaffney, Joseph B., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Material cooler. 2,371,513; Mar. 13.

Gagas, Stanley, Doylestown, Pa. Helicopter. 2,372,481; Mar. 27.

Gage, Edward G., Brooklyn, assignor of two-thirds to L. Ottinger, New York, N. Y. High potential apparatus rendered safe for handling. 2,375,097; May 1.

Gage, Edwin B., Montclair, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming identification badges. 2,380,746; July 31.

Gage, Frederick W., Akron, and P. J. Gegner, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Pigment preparation. 2,374,741; May 1.

Gage Printing Company, Limited: *See*—
Gage, W. H., and Kolb, assignors.

Gage, Walter H., and N. C. Kolb, assignors to Gage Printing Company, Limited, Battle Creek, Mich. Making templates. 2,369,960; Feb. 20.

Gage, William P., Oakland, Calif., assignor to Shell Development Company, San Francisco, Calif. Solvent recovery in vapor phase extraction processes. 2,370,530; Feb. 27.

Gagnebin, Albert P., Red Bank, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Work hardening alloy steel. 2,386,890; Oct. 16.

Gagnier, George E.: *See*—
Place. Bion C., assignor.

Gagnon, Thomas J., East Hartford, and A. S. Alcorn, Granby, assignors to Hartford-Empire Company, Hartford, Conn. Apparatus for conveying and arranging bottles, jars, cans, or the like. 2,389,496; Nov. 20.

Gaide, Frank A., South Boston, Mass. Safety razor. 2,367,571; Jan. 16.

Gail, Charles P., Monrovia, and J. B. Kendall, Los Angeles, Calif. Hydraulic hoist. 2,390,702; Dec. 11.

Gainer, Leonard E., Lebanon, Oreg. Winding reel. 2,378,997; June 26.

Gaines, Earl F., and W. C. Lippert, Milwaukee, Wis. Window construction. 2,375,546; May 8.

Gaines, Oliver I.: *See*—
Hale, F. B., and Gaines.

Gair, Ernest J., Snyder, N. Y. Nonsplitting nail. 2,366,962; Jan. 9.

Gaird, Peter: *See*—
Nielsen, Adolph, assignor.

Gaisberger, Joseph, Valparaiso, Chile. Combined steam and gas or Diesel power plant. 2,370,949; Mar. 6.

Gaither, Gant, Hopkinsville, Ky. Purification of ammonium sulphate. 2,376,045; May 15.

Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Motor-vehicle top construction. 2,368,133; Jan. 30.

Galamb, Joseph, Detroit, and A. O. Roberts and H. A. Chubbuck, assignors to Ford Motor Company, Dearborn, Mich. Range finder. 2,383,185: Aug. 21.

Galamb, Joseph, Detroit, and T. L. Hibbard, Birmingham, assignors to Ford Motor Company, Dearborn, Mich. Vehicle heater. 2,391,408; Dec. 25.

Gale, Edward H., Chicago, Ill. Making dentures. 2,367,767; Jan. 23.

Gale, Leonard, Washington, D. C., assignor to F. Klein, New York, N. Y. Automatic golf ball teeing device. 2,390,998; Dec. 18.

Gale, Richard D.: *See*—
Dessaur, Murray, assignor.

Galeski, Joseph S., Richmond, Va. Plastic eye. 2,391,305; Dec. 18.

Galion Iron Works & Manufacturing Company, The: *See*—
Patterson, Cecil E., assignor.

Gallagher, Ellen, administratrix: *See*—
Brennan, Patrick J.

Gallagher, Hugh J., Gallitzin, Pa., assignor to Matilda McMullen, Buffalo, N. Y. Nut lock. 2,384,908; Sept. 18.

Gallagher, William P., assignor to International Register Company, Chicago, Ill. Timing apparatus. 2,367,016; Jan. 9.

Gallaher, Andrew J., St. Louis, Mo. Sectional boiler. 2,386,945; Oct. 16.

Gallant, Walter B., Jr., assignor to Newmarket Manufacturing Company, Lowell, Mass. Center filling fork loom attachment. 2,377,223; May 29.

Gallasch, George B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,389,252; Nov. 20.

Gallay, Robert, Geneva, Switzerland. Dental hand piece. 2,367,719; Jan. 23.

Galley, Charles E., Chicago, Ill., assignor to Luxene Inc. Checking device. 2,386,103; Oct. 2.

Galley, Charles E., Chicago, Ill., assignor to Luxene Inc. Jig. 2,386,104; Oct. 2.

Galley, Hollis T., assignor to Eastman Kodak Company, Rochester, N. Y. Baryta coating of melt-coated paper. 2,366,723; Jan. 9.

Gallimore, Keith F., and G. H. Schurger, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Machine tool. 2,375,408; May 8.

Gallmeyer & Livingston Company: *See*—
Bunker, V. W., De Young, and Kropf, assignors.
De Young, Martin, assignor.

Gallo, Gino, Pisa, Italy; vested in the Alien Property Custodian. Dehydration and calcination of potash alum. 2,369,037; Feb. 6.

Gallo, Michael, Baltimore, Md. Electrode holder. 2,379,515; July 3.

Gallo, Sebastiano, Brooklyn, N. Y. Making shoes. Re. 22,667; Aug. 21.

Gallo, Thomas, Arlington, Va. Diluter for motor crankcase lubricants. 2,370,653; Mar. 6.

Gallo, Thomas, Arlington, Va. Diluter for motor crankcase lubricant. 2,374,189; Apr. 24.

Gallois, John E.: *See*—
Hicks, William H., assignor.

Gallusser, Hans, Geneva, Switzerland. Electrically heated drum-type furnace. 2,374,742; May 1.

Gallusser, Hans, Geneva, Switzerland. Control device for compressed air brakes. 2,376,680; May 22.

Galorneau, Louis C., Detroit, Mich. Vise. 2,371,435; Mar. 13.

Galstaun, Lionel S., Concord, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Lubricant. 2,384,023; Sept. 4.

Galvin Manufacturing Corporation: *See*—
Becwar, Rudolph A., assignor.
Fruth, Hal F., assignor.
Holthouse, Harry B., assignor.

Gamache, Homer, assignor to Acme Metal Goods Manufacturing Co., Newark, N. J. Dough cutter and crimper. 2,369,452; Feb. 13.

Gamache, Homer, assignor to Acme Metal Goods Manufacturing Co., Newark, N. J. Cutter and crimper for ravioli and pastries. 2,373,182; Apr. 10.

Gambill, William M., Abilene, Tex. Fish lure. 2,386,105; Oct. 2.

Gamble, Hugh A.: *See*—
Berry, Charles R., assignor.

Gambo, Ernest, Staten Island, N. Y. Insulation clip. 2,382,474; Aug. 14.

Gambrell, Ernest C., Wichita Falls, Tex. Fuel injection pump. 2,381,585; Aug. 7.

Gamet, Pierre P., Paris, France; vested in the Alien Property Custodian. Band antenna. 2,369,556; Feb. 13.

Gamet, Pierre P., Paris, France; vested in the Alien Property Custodian. Coupling system for loading devices such as aerials. 2,375,547; May 8.
Gamet, Pierre P., Paris, France; vested in the Alien Property Custodian. Directional aerial. 2,380,229; July 10.
Gammel, John A., assignor to Isaacson Iron Works, Seattle, Wash. Tongs. 2,381,045; Aug. 7.
Gammeter, John R., Akron, Ohio. Thin article removing apparatus. 2,371,818; Mar. 20.
Gammeter, John R., and M. J. Vassel, Akron, Ohio; said Vassel assignor to said Gammeter. Dipped synthetic rubber article and making. 2,371,883; Mar. 20.
Gandy, William L., assignor of one-half to W. A. Greene, Remerton, Ga. Spinning toy. 2,375,986; May 15.
Gangloff, Wilmer C., assignor to The Drackett Company, Cincinnati, Ohio. Detergent composition. 2,386,106; Oct. 2.
Gangloff, Wilmer C., and S. O. Fiedler, assignors to The Drackett Company, Cincinnati, Ohio. Heat-producing compositions. 2,371,436; Mar. 13.
Ganiayre, André, and R. Hardy, Lyon, France; vested in the Alien Property Custodian. Electromagnetic wave direction indicator. 2,388,262; Nov. 6.
Ganley, Joseph H., St. Paul, Minn. Road roller. 2,382,986; Aug. 21.
Gans, Fred W., Trenton, N. J. Pipe. 2,378,400; June 19.
Ganson, Howard H., assignor to Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y. Nursing unit. 2,387,573; Oct. 23.
Gant, Leslie, Denver, Colo. Fan. 2,385,070; Sept. 18.
Ganter, Francis X., Los Angeles, Calif. Window drape rod hanging means. 2,391,150; Dec. 18.
Gantner, Frederick: *See*—
Spurlino, P., Colley, Lehman, and Gantner.
Gantz, Marvin E.: *See*—
Wood, R. T., and Gantz.
Gantz, Marvin E., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Mold chill. 2,381,734; Aug. 7.
Gantz, Marvin E., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Mold chill. 2,381,735; Aug. 7.
Gar Wood Industries, Inc.: *See*—
Barrett, Edward R., assignor.
Shaeffer, George D., assignor.
Garabedian, Haig S., Watertown, Mass. Spray nozzle. 2,380,513; July 31.
Garancher, Marcel, assignor to Stewart-Warner Corporation, Chicago, Ill. Hose reel. 2,368,293; Jan. 30.
Garancher, Marcel and C. F. Raisch, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricant compressor. 2,378,998; June 26.
Garand, John C., Springfield, Mass., assignor to Government of the United States of America, as represented by The Secretary of War. Follower mechanism. 2,366,684; Jan. 2.
Garand, John C., Springfield, Mass. Shaving machine. 2,367,208; Jan. 16.
Garand, John C., Springfield, Mass. Gas regulator for firearms. 2,369,669; Feb. 20.
Garand, John C., Springfield, Mass. Rear sight for firearms. 2,370.654; Mar. 6.
Garand, John C., Springfield, Mass., assignor to the Government of the United States, represented by the Secretary of War and his successors. Firearm. 2,377,338; June 5.
Garand, John C., Springfield, Mass. Trigger mechanism. 2,382,410; Aug. 14.
Garand, John C., Springfield, Mass. Firearm. 2,386,205; Oct. 9.
Garber, Paul E., U. S. Navy. Target kite. 2,388,478; Nov. 6.
Garber, Ray S., Montreal, Quebec, Canada, assignor to United States Rubber Company, New York, N. Y. Track for track-laying vehicles. 2,387,387; Oct. 23.
Garbeth, George, Stockton, Calif. Rotary internal-combustion engine. 2,373,304; Apr. 10.
Garbisch, Norbert S.: *See*—
Bair, George J., assignor.
Garbutt, Frank A.: *See*—
Hatherell, George A., assignor.
Gardell, Andrew, Ellensburg, Wash. Animal poke. 2,383,718; Aug. 28.
Gardes, Alfred W., Detroit, Mich., assignor to McCord Corporation. Conduit connector for fluid pressure control. 2,372,820; Apr. 3.
Gardiner, Arthur W., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Thrust meter. 2,367,017; Jan. 9.
Gardiner, Linzie A., Lexington, Ky. Machine tool attachment. 2,388,320; Nov. 6.
Gardiner, Robert E., University City, assignor to Majestic Manufacturing Company, St. Louis, Mo. Base construction. 2,386,306; Oct. 9.
Gardner, Arthur W., Macon, Ga., assignor to Motor Wheel Corporation, Lansing, Mich. Fuel control. 2,385,409; Sept. 25.
Gardner, Charles E., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Packaging. 2,382,987; Aug. 21.
Gardner, Dale, Detroit, Mich., assignor to G. M. and E. Holley. Centrifugal governor. 2,368,822; Feb. 6.
Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Oxidizing olefines to olefine oxides. 2,366,724; Jan. 9.
Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Oxidizing olefines. 2,366,725; Jan. 9.
Gardner, Daniel, New York, N. Y., assignor to Gardner Thermal Corporation. Treatment of olefines. 2,367,169; Jan. 9.
Gardner, Daniel, New York, N. Y. Treatment of certain sodium-sulphur compounds to produce certain soluble non-sulphur compounds of sodium. 2,383,247; Aug. 21.
Gardner, Earl W., and W. F. Nickum, Salt Lake City, Utah, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition machinery. 2,387,654; Oct. 23.
Gardner, Frank H., Chattanooga, Tenn., assignor to Hercules Powder Company, Wilmington, Del. Preservative composition and preparing same. 2,371,884; Mar. 20.
Gardner, Herbert F., Chicago, Ill., assignor, by mesne assignments to Stein, Hall & Co., Inc. Amylaceous reaction products and the production thereof. 2,374,676; May 1.
Gardner, Irvine C., Chevy Chase, Md. Optical instrument and making same. 2,378,401; June 19.
Gardner, Irving, Brooklyn, N. Y. Paper hat. 2,390,064; Dec. 4.
Gardner, John A., Llangollen, Wales, assignor to Monsanto Chemicals Limited, London, England. Production of organic disulphides. 2,385,410; Sept. 25.
Gardner, Leland A., Maplewood, and K. W. Richards, Packanack Lew, N. J., assignors of one-half to Bell Telephone Laboratories, Incorporated, and one-half to American Telephone and Telegraph Company. Party line printing telegraph system. 2,373,675; Apr. 17.
Gardner, Leland A., Maplewood, and K. W. Richards, Packanack Lake, N. J.; said Gardner assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Richards assignor to American Telephone and Telegraph Company. Party-line printing telegraph system. 2,388,136; Oct. 30.
Gardner, Morris G., Orange, N. J., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Flake aluminum finishes for lining food containers. 2,366,850; Jan. 9.
Gardner, Percy, Glen Ridge, N. J., and R. Kagan, Brooklyn, assignors ot Lever Bias Machine Corporation, New York, N. Y. Sewing apparatus. 2,381,817; Aug. 7.
Gardner-Richardson Company, The: *See*—
Fischer, Howard J., assignor.
Fisher, H. C., and Thompson, assignors.
Ringler, William A., assignor.
Gardner Thermal Corporation: *See*—
Gardner, Daniel, assignor.
Gardner, Wallace W., assignor to De Walt Products Corporation, Lancaster, Pa. Protractor means for cutting or sawing machines. 2,366,512; Jan. 2.
Gardner, William H.: *See*—
Bassford, H. H., Jr., and Gardner.
Gardner, William H., Bayside, and H. H. Bassford, Jr., Brooklyn, N. Y. Light colored flexible lac compositions. 2,371,235; Mar. 13.
Gardner, William H., Bayside, and H. H. Bassford, Jr., Brooklyn, assignors to U. S. Shellac Importers Association, Inc., New York, N. Y. Shellac-polyglycol reaction products and making same. 2,387,388; Oct. 23.
Gargiulo, Giuseppe, assignor to Super Vent Window Company, Miami, Fla. Window structure. 2,383,912; Aug. 28.
Garin, Alexis N., Pittsfield, Mass., assignor to General Electric Company. Electric transformer. 2,369,038; Feb. 6.
Garin, Alexis N., Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,374,597; Apr. 24.
Garity, Edward J.: *See*—
Love, Aubrey, assignor.
Garlinghouse, Lexlie H., Los Angeles, Calif. Splicing rig. 2,384,992; Sept. 18.
Garlits, Edward E., Jr., Yardley, Pa. Sorting device. 2,385,700; Sept. 25.
Garner, Bess A., et al.: *See*—
Russell, K. F., and Hopkins, assignors.
Garner, Herman H., et al.: *See*—
Russell, K. F., and Hopkins, assignors.
Garner, Walter, Menston in Wharfedale, assignor to Lister and Company, Limited, Bradford, England. Thermal insulation material made from fibrous substances. 2,381,214; Aug. 7.
Garnett, A. J., Limited: *See*—
Langford, E. E., and Garnett, assignors.
Garnett, Arthur T.: *See*—
Langford, E. E., and Garnett.
Garnett, Edward V. and V. G., Denver, Colo. Mounting for dual wheels. 2,388,403; Nov. 6.
Garnett, Vactor G.: *See*—
Garnett, Edward V. and V. G.
Garr, Donald E.: *See*—
Weaver, B. S., and Garr.
Garr, Donald E., Schenectady, N. Y., assignor to General Electric Company. Voltage regulator. 2,378,765; June 19.

Garr, Donald E., Schenectady, N. Y., assignor to General Electric Company. Dynamometer test system. 2,378,766; June 19.
Garraway, George C., Rutherford, N. J. Photographic developing machine. Re. 22,654; July 3.
Garraway, George C., Rutherford, N. J. Photographic printing machine. 2,380,962; Aug. 7.
Garraway, George C., Rutherford, N. J. Photographic printing machine. 2,382,988; Aug. 21.
Garretson, Owen L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method of and system for dispensing liquefied fuel. 2,378,077; June 12.
Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Gas proportioning system. 2,379,633; July 3.
Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Manifold injection carburetor. 2,382,625; Aug. 14.
Garrett Corporation, Airesearch Manufacturing Company division, The: *See*—
Andersen, Soren K., assignor.
Andersen, S. K., and Vanous, assignors.
Burns, Bruce, assignor.
Chapman, James E., assignor.
Gill, George H., assignor.
Garrett, Ernest D., assignor to The Brewster Company, Inc., Shreveport, La. Combination tubing head and tubing support. 2,383,248; Aug. 21.
Garrett, Francis A., Pilton, England. Dynamometer. 2,372,420; Mar. 27.
Garriga, José M., assignor to Corporacion Peruna del Amazonas, Lima, Peru. Filtering medium. 2,387,726; Oct. 30.
Garrison, Allen D., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Preparation of drilling muds. 2,368,823; Feb. 6.
Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Recovery of hydrocarbons from high-pressure fluids. 2,374,091; Apr. 17.
Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Treatment of clays. 2,375,641; May 8.
Garrison, Allen D., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Treatment of wells. 2,379,516; July 3.
Garrison, Allen D., Houston, and W. D. Yale, Port Arthur, Tex., assignors to Texaco Development Corporation, New York, N. Y. Recovery of hydrocarbons from high-pressure fluids. 2,388,048; Oct. 30.
Garrison, Cass R., Longview, Wash. Permanent wave accessory. 2,374,860; May 1.
Garrison, Charles L., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Disconnecting switch. 2,368,462; Jan. 30.
Garrison, John W., Cleveland, Ohio, assignor to General Electric Company. Enamel composition. 2,379,075; June 26.
Garrison, Murray E.: *See*—
Sanderson, D., Pfaff, and Garrison.
Garrison, Murray E., Dayton, Ohio. Airplane wing deicing means. 2,390,093; Dec. 4.
Garrott, John H., Bloomfield, N. J., assignor to The Clark Thead Company, New York, N. Y. Tapered end strand mass. 2,380,038; July 10.
Garrott, John H., Bloomfield, assignor to The Clark Thread Company, Newark, N. J. Yardage control mechanism. 2,390,703; Dec. 11.
Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Voltage changing circuit. 2,384,829; Sept. 18.
Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Voltage modifying circuit. 2,384,830; Sept. 18.
Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Voltage multiplier. 2,384,831; Sept. 18.
Garthwaite, Ernest, Saint Albans, England, assignor to Radio Corporation of America. Tuning device for radio circuits. 2,385,131; Sept. 18.
Garvey, Benjamin S., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of conjugated dienes. 2,375,987; May 15.
Garvey, Benjamin S., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of organic compounds containing a $CH_2{=}C{<}$Group. 2,376,963; May 29.
Garvin, Jack C.: *See*—
Mason, J. G., Craig, and Garvin.
Gary, George M., San Diego, Calif. Automobile control. 2,385,982; Oct. 2.
Gary, Wright W., Los Angeles, and R. B. Secor, South Gate, assignors to Filtrol Corporation, Los Angeles, Calif. Drying pelleted catalysts. 2,388,735; Nov. 13.
Gas Light and Coke Company, The: *See*—
Silver, L., and Maccormac, assignors.
Gas Machinery Company, The: *See*—
Stookey, Kenneth W., assignor.
Gasche, Fred, assignor to Struthers Wells Corporation, Titusville, Pa. Steering mechanism. 2,378,474; June 19.
Gaskell, Clifford R., and M. C. Green, Dayton, Ohio. Nonferrous propeller blade retention. 2,368,656; Feb. 6.
Gaskell, Perry C.: *See*—
Swanson, E. C., Gaskell, and Smothermon.
Gaskin, Harold A., London, England. Reversible lifeboat or raft. 2,367,112; Jan. 9.
Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Photographic printing method. 2,367,936; Jan. 23.
Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Photographic material and treating same. 2,368,463; Jan. 30.
Gaspar, Béla, Brussels-Forest, Belgium, assignor to Chromogen, Incorporated. Material for the production of partial color selection pictures from subtractive multicolor images. 2,387,754; Oct. 30.
Gasser, Emil R.: *See*—
Kuhns, A., and Gasser.
Obecny, John T., assignor.
Gast, Harry, Los Angeles, and F. W. Freeman, Inglewood, Calif. Cementitiously casing submerged piling. 2,373,885; Apr. 17.
Gaston, John R., East Orange, N. J., assignor to American Transformer Company. Fabricating transformers. 2,380,300; July 10.
Gaston, Louis J., Jr., and J. W. Pick, assignors to The American Rolling Mill Company, Middletown, Ohio. Plate handling device. 2,382,626; Aug. 14.
Gastro-Photor Laboratories Corp.: *See*—
Back, Franz G., assignor.
Gastrow, Hans, Zerbst in Anhalt, Germany; vested in the Alien Property Custodian. Mechanical closing device for injection molding machines. 2,370,622; Mar. 6.
Gat, John D., Edgewood, Pa., assignor to Carnegie-Illinois Steel Corporation. Production of electrical silicon steel. 2,389,497; Nov. 20.
Gates, Frederic P., Toronto, Ontario, Canada, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Rotary electric switch. 2,386,047; Oct. 2.
Gates, Geoffrey R. G., assignor of one-half to Automotive Products Company Limited, Leamington, Spa, England. Steering mechanism for motor road vehicles. 2,389,498; Nov. 20.
Gates, George W., & Co.: *See*—
Koch, Edward L., assignor.
Gates, Henry S., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,367,937; Jan. 23.
Gates, Louis E., assignor to The Champion Paper and Fibre Company, Canton, N. C. Breaking foam. 2,366,513; Jan. 2.
Gates, Paul E., Danvers, Mass., assignor to Sylvania Electric Products, Inc. Lamp flare machine. 2,366,609; Jan. 2.
Gates, Richard L.: *See*—
Curtis, R. R., and Gates.
Gatewood, Elbrige, New York, N. Y. Microscopic calendar for fountain pens and pencils. 2,377,932; June 12.
Gathercoal, Edmund N., Pentwater, Mich. Harvester. 2,372,821; Apr. 3.
Gathman, Albert: *See*—
Donlan, T. R., and Gathman.
Gatke, Thomas L., Oak Park, Ill. Apparatus for producing composition brake lining material in transversely grooved strip form. 2,380,230; July 10.
Gatke, Thomas L., Oak Park, Ill. Bearing. 2,389,253; Nov. 20.
Gattoni, Stephen A., Weehawken, N. J. Galley lock. 2,376,999; May 29.
Gaubatz, Arthur W., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Fan. 2,374,342; Apr. 24.
Gaudenzi, Arthur, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Demountable high-power triode. 2,368,535; Jan. 30.
Gaudin, Antoine M., Newtonville, Mass. Concentration of ores. 2,381,662; Aug. 7.
Gaudreau, Leodor H., Ludlow, Mass. Fixture. 2,385,354; Sept. 25.
Gaudreau, Oliver E., and H. Michelsen, Bristol, Conn., assignors to General Motors Corporation, Detroit, Mich. Grinding machine. 2,386,850; Oct. 16.
Gaugler, Richard S., Dayton, and C. E. Waring, Oakwood, assignors to General Motors Corporation, Dayton, Ohio. Preparing anhydrous calcium sulphate absorptive material. 2,379,142; June 26.
Gaulke, Erich, New Bedford, Mass. Serving mallet. 2,371,686; Mar. 20.
Gaumer, Robert T., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens Ford Glass Company. Feeder for driers. 2,366,779; Jan. 9.
Gaun, Harry M., and R. K. Gessford, assignors to Sylvania Electric Products Inc., Emporium, Pa. Electron gun and the like. 2,386,790; Oct. 16.
Gauthier, Gaston, Chambery (Savoie), France; vested in the Alien Property Custodian. Aluminum base alloy with protective coating. 2,376,681; May 22.
Gautier, Trevor R., and R. W. Hoitt, assignors to Nashua Gummed and Coated Paper Company, Nashua, N. H. Strip server. 2,382,787; Aug. 14.
Gaver, Kenneth M., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Powdered flavor. 2,389,770; Nov. 27.
Gaver, Kenneth M., Columbus, assignor to The Komel Corporation, Dayton, Ohio. Explosive composition. 2,389,771; Nov. 27.

Gavriles, Pete, Laurel, Md. Bandalore toy. 2,380,301; July 10.
Gay, Bert, Hartford, and R. K. Skinner, West Hartford, Conn. Expansion nut. 2,377,077; May 29.
Gay, Cecil H., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Banded pressure vessel and making the same. 2,376,351; May 22.
Gay, Frazer W., Metuchen, N. J. Energy reclamation means. 2,381,947; Aug. 14.
Gay, Frazer W., Metuchen, N. J. Underground conduit. 2,384,246; Sept. 4.
Gay, Frazer W., Metuchen, N. J. Piston and cylinder construction. 2,384,247; Sept. 4.
Gayer, John D., Springfield, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,375,642; May 8.
Gaylor, Peter J.: *See*—
Baldeschwieler, E. L., and Gaylor.
Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Modified plastic. 2,366,514; Jan. 2.
Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Fluorinated compound and producing same. 2,370,787; Mar. 6.
Gaylor, Peter J., Union, N. J. Apparatus for carrying out chemical reactions. 2,378,138; June 12.
Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company. Alkylated aromatic hydrocarbons. 2,384,295; Sept. 4.
Gaylord Container Corporation: *See*—
Bode, Harry L., assignor.
Fallert, Clifford D., assignor.
Williams, B. M., and Rushing, assignors.
Gaynor, Edwin G., Fairfield, Conn. Enclosure for alternating current apparatus. 2,372,822; Apr. 3.
Gaynor, Edwin G., Fairfield, and H. K. Andrews, Stratford, Conn.; said Andrews assignor to Gaynor. Fluorescent lamp applying means. 2,371,437; Mar. 13.
Gaynor, James W., Whiting, Ind., C. N. White, and R. W. Watson, assignors to Standard Oil Company, Chicago, Ill. Antirusts. 2,387,323; Oct. 23.
Gayring, Wallace F.: *See*—
Davis, E., and Gayring.
Gayring, Wallace F., Minoa, N. Y., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Two-hand control for servomotors. 2,383,851; Aug. 28.
Gazda, Antoine, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Drum type cartridge magazine. 2,367,572; Jan. 16.
Gazley, Richard C., Shaker Heights, Ohio. Fastening device. 2,372,566; Mar. 27.
Gear Grinding Machine Company, The: *See*—
Lund, Johan, assignor.
Gearhart, Roy E.: *See*—
Chambers, A., and Gearhart.
Gearhart, Roy E., assignor of three-tenths to B. L. McCreary, and three-tenths to R. B. McCreary, Kansas City, Mo. Wrench. 2,369,346; Feb. 13.
Geary, Robert J., Blue Point, N. Y. Insecticidal mixture. 2,383,304; Aug. 21.
Gebauer, Walter, Union, assignor to Premier Glass Works, Inc., Irvington, N. J. Support for pendant ornaments. 2,380,104; July 10.
Gebel, Peter J., Cincinnati, Ohio. Apparatus for adjustably holding cutting tools against grinding wheels. 2,367,494; Jan. 16.
Gebhard, Melvin L., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Reflex light reflector. 2,379,702; July 3.
Geczy, Joseph, Maplewood, N. J., assignor to The S. S. White Dental Manufacturing Company. Rotary friction assembly. 2,375,098; May 1.
Geddes, John W., and T. Porter, Boston, assignor to H. K. Porter, Inc., Everett, Mass. Multiple lever tool. 2,382,307; Aug. 14.
Geddes, William E., assignor to General American Transportation Corporation, Chicago, Ill. Hatch structure for refrigerator cars. 2,368,824; Feb. 6.
Geddings, Saint J., West Columbia, S. C. Letoff mechanism for looms. 2,369,889; Feb. 20.
Geddings, Saint J., West Columbia, S. C. Loom. 2,384,909; Sept. 18.
Gee, Geoffrey, and S. C. Stokes, Welwyn Garden City, assignors to The British Rubber Producers' Research Association, London, England. Oil resisting rubber. 2,383,540; Aug. 28.
Geer, William C., Ithaca, N. Y. Frost-preventing screen for aircraft windows and making the same. 2,385,411; Sept. 25.
Geeraert, Gustave A., Lawrence, Mass. Filling stop motion compeller for looms. 2,368,707; Feb 6.
Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Can body maker. 2,379,898; July 10.
Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Closing machine. 2,386,787; Oct. 16.
Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,390,094; Dec. 4.
Geffcken, Walter and E. Berger, Jena, Germany; vested in the Alien Property Custodian. Producing layers on solid objects. 2,366,516; Jan. 2.
Geffner, Samuel H., New York, N. Y. Key container. 2,389,426; Nov. 20.
Gegner, Paul J.: *See*—
Gage, F. W., and Gegner.
Gehmlich, Bruno, Freital 1, near Dresden, Germany; vested in the Alien Property Custodian. Photographic shutter. 2,387,574; Oct. 23.
Geibel, John F., assignor to Master Metal Products, Inc., Buffalo, N. Y. Welding apparatus. 2,378,697; June 19.
Geier, James, Troy, N. Y. Forming containers. 2,385,071; Sept. 18.
Geiger, David F., Los Angeles, Calif. Pressure operated tool connector. 2,373,886; Apr. 17.
Geiger, John P., et al.: *See*—
Smith, Merton J., assignor.
Geiger, Joseph M., Harrisburg, Pa. Weed puller. 2,374,929; May 1.
Geiger, Walter J., Cleveland Heights, Ohio, assignor to General Electric Company. Circular electric lamp. 2,366,252; Jan. 2.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H. Miner Foundation. Railway car truck. 2,374,534; Apr. 24.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H. Miner Foundation. Door operator. 2,380,302; July 10.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of The William H Miner Foundation. Friction draft gear for railway cars. 2,380,303; July 10.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., as trustees of the William H. Miner Foundation. Friction shock absorber. 2,386,107; Oct. 2.
Geiger, William A., assignor to W. P. Sidley, M. F. Back, A. P. Withall, E. C. Austin, and G. A. Johnson, Chicago, Ill., and A. T. Miner, Chazy, N. Y., trustees of the William H. Miner Foundation. Shock absorber. 2,389,304; Nov. 20.
Geigy, J. R., A. G.: *See*—
Grün, Adolf, assignor.
Grün, A., and Stoll, assignors.
Keller, Ernst, assignor.
Keller, E., and Zweidler, assignors.
Krebser, A., and Bossard, assignors.
Martin, H., Hirt, and Neracher, assignors.
Martin, H., Hirt, and Staub, assignors.
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub, assignors.
Müller, Paul, assignor.
Geimer, Anthony P., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Cabinet top. 2,378,402; June 19.
Geiselman, Ralph A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,390,786; Dec. 11.
Geisinger, Abraham S., New York, N. Y. Apron. 2.366,393; Jan. 2.
Geisser, Josef: *See*—
Von Däniken, L., and Geisser.
Geissler, William E., Ossining, assignor to The Dorr Company, New York, N. Y. Compound clarifier. 2,377,875; June 12.
Geissmann, Gladys W., assignor to Merry Hull & Company, New York, N. Y. Footwear. 2,377,141; May 29.
Geist, Alex M., and R. R. Winders, Lincoln, Nebr. Electrical wiring device. 2,391,409; Dec. 25.
Gelatin Products Corporation: *See*—
Fox, S. H., and Opferman, assignors.
Mabbs, Carl E., assignor.
Scherer, Robert P., assignor.
Gelb, Joseph, New York, N. Y. Photographic camera-enlarger. 2,390,065; Dec. 4.
Gelbman, Louis, et al: *See*—
Gelbman, L., Olsen, and Mays, assignors.
Gelbman, Louis, Yonkers N. Y., and E. F. Olsen, and A. B. Mays, Adrian, Mich., assignors of eleven-twentieths to H. F. Andrus and nine-twentieths to L. Gelbman, Yonkers, N. Y. Making building blocks. 2,366,780; Jan. 9.
Geldhof, Peter E., and V. J. Wooster, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Transmitting oscillatory motion. 2.385,623; Sept. 25.
Geldhof. Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Suspension means for automatic washers. 2,386,788; Oct. 16.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Floating supporting structure for automatic washers. 2,390,213; Dec. 4.
Geldhof, Peter E., and L. Ringer, assignors to Nineteen Hundred Corporation, St. Joseph, Mich. Drain mechanism. 2,391,561; Dec. 25.
Geldman, Louis, Yonkers, N. Y. Sintering apparatus. 2,386,393; Oct. 9.

Gelfand, Michael, Brooklyn, assignor, by mesne assignments, to Boyle-Midway Inc., New York, N. Y. Combined bottle closure and wick. 2,376,046; May 15.
Geller, Andrew, Shoe Manufacturing Co. Inc.: *See*—
Azzara, Santo, assignor.
Geller, Bruce, Fremont, Ohio. Plastics and making same. 2,366,781; Jan. 9.
Geller, Max, Brooklyn, N. Y. Jointed manikin doll. 2,381,897; Aug. 14.
Geltner, Daniel, Astoria, N. Y., assignor to The Richards Chemical Works, Inc., Jersey City, N. J. Production of derivatives of polyhydroxy alcohols. 2,379,703; July 3.
Gem Crib and Cradle Company: *See*—
Bockus, R. C., and Landry, assignors.
Gemberling, Cameron H., South Bend, Ind., assignor to The Oliver Corporation. Tractor dump rake. 2,377,686; June 5.
Gemeny, Blaine B., assignor to Webster Manufacturing, Inc., Tiffin, Ohio. Elevator bucket. 2,370,531; Feb. 27.
Gemloid Corporation: *See*—
Frank, J., and Marr, assignors.
Gemmel, Wilbur R., Wheaton, assignor to Teletype Corporation, Chicago, Ill. Tape reel. 2,381,535; Aug. 7.
Gemmer Manufacturing Company: *See*—
Hammond, Charles F., assignor.
Gemmill, Frederick Q.: *See*—
Norden, E., Gemmill, and Isbister.
Genei, Stanley J., Wyandotte, Mich. Closure. 2,372,482; Mar. 27.
General Aircraft Equipment, Inc.: *See*—
Levy-Savoye, Charles, assignor.
General American Aerocoach Company: *See*—
Smith, Lawrence H., assignor.
General American Transportation Corporation: *See*—
Geddes, William E., assignor.
General Aniline & Film Corporation: *See*—
Barbre, Charles O., assignor.
Coroniti, S. C.,and Schmidt, assignors.
Dersch, F., and Heimbach, assignors.
Fischer, Edwin L., assignor.
Fleischhauer, R., and Müller, assignors.
Fleischauer, R., Müller, and Schultis, assignors.
Fröhlich, A., and Schneider, assignors.
Kaszuba, Frank J., assignor.
Loleit, H., and Wilmanns, assignors.
Mack, Ludwig, assignor.
Mueller, Fritz W. H., assignor.
Nawiasky, P., and Speer, assignors.
Reckmeyer, Verne H., assignor.
Reckmeyer, V. H., and Brunner, assignors.
Reichel, Maximilian K., assignor.
Roehrl, Bruno C., assignor.
Schneider, Wilhelm, assignor.
Heimbach, Newton, assignor.
Ulrich, Heinrich, assignor.
Von Freyberg, H., and Koch, assignors.
Von Glahn, W. H., and Walsh, assignors.
Von Glahn, W. H., Walsh, and Streck, assignors.
Werner, Jesse, assignor.
Zappert, Robert H., assignor.
General Auto Parts Corporation: *See*—
Rockwell, Edward A., assignor.
General Binding Corporation: *See*—
Emmer, Charles E., assignor.
General Box Company: *See*—
Jones, C. G., and Van de Venter, assignors.
General Bronze Corporation: *See*—
Breese, Robert P., assignor.
Di Zoppola, Mario, assignor.
General Cable Corporation: *See*—
Graham, Robert C., assignor.
Kauth, Henry J., assignor.
General Chemical Company: *See*—
Knapp, William A., assignor.
Merriam, Henry F., assignor.
Merriam, H. F., and Harkness, assignors.
General Controls Co.: *See*—
Paille, Eugene, assignor.
Ray, William A., assignor.
General Electric Company: *See*—
Agens, Maynard C., assignor.
Alford, Joseph S., assignor.
Allen, Wayne H., assignor.
Amsden, Ralph D., assignor.
Anderson, Arvid E., assignor.
Anderson, James M., assignor.
Anderson, J. T., Wells, and Scott, assignors.
Andrews, Paul D., assignor.
Arms, Richard P., assignor.
Atkins, Harry C., assignor.
Austin, K. B., and Young, assignors.
Austin, Kirby B., assignor.
Ayers, E. H., and Elmendorf, assignors.
Ayers, Edgar H., assignor.
Bachman, C. H., and Tschopp, assignors.
Bachman, William S., assignor.
Bany, Herman, assignor.
Bassett, Merton O., assignor.
Bazley, Carl E., assignor.
Bedford, Burnice D., assignor.
Bell, Julius C., assignor.
Benford, Frank, assignor.

General Electric Company: *See*—Continued
Bennett, G. L., and Dyer, assignors.
Bennett, Ralph S., assignor.
Bennett, Robert M., assignor.
Bisson, Ernest W., assignor.
Bivens, Maurice E., assignor.
Blewett, John P., assignor.
Bloomberg, David J., assignor.
Blume, Louis F., assignor.
Bodine, Ralph B., assignor.
Boehne, E. W., and Peterson, assignors.
Bondley, Ralph J., assignor.
Bower, George W., assignor.
Boyer, Ralph V., assignor.
Breadner, R. L., Harris, and Simms, assignors.
Brink, Edwin H., assignor.
Brink, E. H., and Arone, assignors.
Brinton, Harold G., assignor.
Brown, C. A., and Hahn, assignors.
Brunelle, Henry E., Jr., assignor.
Brunot, Albert W., assignor.
Bryant, Frank D., assignor.
Buechel, Joseph C., assignor.
Burkhardt, Ernst, assignor.
Camilli, Guglielmo, assignor.
Campbell, Claude M., assignor.
Campbell, James R., assignor.
Campbell, J. H., and Aicher, assignors.
Carson, Paul A., assignor.
Clark, Eugene S., assignor.
Clark, Frank M., assignor.
Clark, Howard L., assignor.
Coggeshall, Thellwell R., assignor.
Collins, Laurence J., assignor.
Cook, Ellsworth D., assignor.
Cook, Leonard W., assignor.
Cooper, Benjamin, assignor.
Cooper, B., and Livingston, assignors.
Crago, Harry R., assignor.
Craig, Charles R., assignor.
Crary, Selden B., assignor.
Crawford, Thomas G., assignor.
Crever, Frederick E., assignor.
D'Alelio, Gaetano F., assignor.
D'Alelio, G. F., and Pyle, assignors.
D'Alelio, G. F., and Underwood, assignors.
Deerhake, Franklin M., assignor.
Denham, Robert H., assignor.
D'Entremont, Franklin R., assignor.
De Toro, Nicholas, assignor.
Devine, George F., assignor.
Dodson, Wayne E., assignor.
Dome, Robert B., assignor.
Doran, John H., assignor.
Downey, Reginald L., assignor.
Dunham, George W., assignor.
Dyson, James, assignor.
Eaton, John, assignor.
Eden, Christopher G., assignor.
Edwards, Martin A., assignor.
Edwards, M. A., and Levine, assignors.
Estes, Philip H., assignor.
Fancher, Henry B., assignor.
Faus, Harold T., assignor.
Felix, F., and Hugin, assignor.
Fernberger, Harry M., assignor.
Finlayson, Frank E., assignor.
Fischer, Frederick E., assignor.
Fisher, Alec, assignor.
Fisher, Frederick E., assignor.
Flaws, John, Jr., assignor.
Flowers, Ralph G., assignor.
Foulke, T. E., and Holtan, assignors.
Fraps, Junius P., assignor.
Frisk, Vladimir G., assignor.
Gabrielson, Samuel, assignor.
Garin, Alexis N., assignor.
Garr, Donald E., assignor.
Garrison, John W., assignor.
Gayer, John D., assignor.
Geiger, Walter J., assignor.
Goff, Robert W., assignor.
Goodwin, Raymond W., assignor.
Gore, Linn A., assignor.
Hahn, William C., assignor.
Haigh, Hezekiah, assignor.
Hansen, Siegfried, assignor.
Harker, David, assignor.
Harkness, Joseph R., assignor.
Harrington, Richards H., assignor.
Harris, Eugene E., assignor.
Haskell, Orin S., assignor.
Hausler, George M., assignor.
Hausz, Walter, assignor.
Hawkins, Laurence A., assignor.
Hayward, Claude D., assignor.
Hemphill, Lawrence F., assignor.
Hill, George S., assignor.
Hoffman, R. J., and Crever, assignors.
Hogan, J. H., Kettler, Judkins, and Hall, assignors.
Holmberg, G. D., and Foster, assignors.
Holmgren, Viking R., assignor.
Horan, Frank T., assignor.
Howard, Alan, assignor.

General Electric Company: *See*—Continued
Hugin, Adolph C., assignor.
Hull, Albert W., assignor.
Hupp, Oscar W., assignor.
Huston, Claude B., assignor.
Hutt, Philip, assignor.
Iden, Fred B., assignor.
Inman, George E., assignor.
Jefferson, James F., assignor.
Jewell, Richard G., assignor.
Jewitt, Dennis E., assignor.
Johnson, Frithiof V., assignor.
Johnson, Harold E., assignor.
Jones, William L., Jr., assignor.
Jordan, W. B., and Johnson, assignors.
Kalsing, H., Krefft, and Larché, assignors.
Keep, Otto A., assignor.
Keister, James E., assignor.
Kenefake, Edwin W., assignor.
Kenefake, E. W., and Rives, assignors.
Kierspe, Raymond L., assignor.
Kiltie, Ordean, assignor.
Kinsman, Earle V., assignor.
Kjolseth, Ole K.
Korneke, Paul B., assignor.
Kubler, E. F., Schneider, and Nonken, assignors.
Kuehni, Hans P., assignor.
Kuehni, H. P., and Branson, assignors.
Kuhn, George, assignor.
Lane, Arthur C., assignor.
La Pierre, Cramer W., assignor.
Larrecq, Anthony J., assignor.
Lathrop, Harold F., assignor.
Lawson, Gerald W., assignor.
Leithiser, George L., assignor.
Lemmers, Eugene, assignor.
Lesher, William C., assignor.
Levine, Martin, assignor.
Lincks, George F., assignor.
Lindemann, Charles A., assignor.
Linlor, William I., assignor.
Livingston, Orrin W., assignor.
Lord, Harold W., assignor.
Ludbrook, Leslie C., assignor.
Lunge, George S., assignor.
Lyman, Harold T., assignor.
MacAllister, Copeland C., assignor.
MacCarthy, Donnell D., assignor.
MacCarthy, D. D., and Brownlee, assignors.
Macintyre, John R., assignor.
Malloy, John J., assignor.
Marsden, James, assignor.
Martin, Harold M., assignor.
Mathieu, Joseph X., assignor.
Maul, John A., assignor.
Maxwell, Donald E., assignor.
McConnell, Andrew J., assignor.
McFarland, George L., Jr., assignor
McIver, William K., assignor.
McKenney, James F., assignor.
McMahan, Kenton D., assignor.
Michaelson, Jesse L., assignor.
Middel, Hendrik D., assignor.
Miller, Wallace B., assignor.
Milward, Victor E., assignor.
Miner, Carroll R., assignor.
Minneci, Salvatore, assignor.
Mittag, Albert H., assignor.
Mittag, A. H., and Schmidt, assignors.
Morey, Arthur H., assignor.
Morrill, Wayne J., assignor.
Moss, Sanford A., assignor.
Moyer, Elmo E., assignor.
Mueller, Adolph G., assignor.
Mueller, A. G., Young, and Dazley, assignors.
Navias, Louis, assignor.
Newell, Heber L., assignor.
Newman, Delbert F., assignor.
Nickell, Hershell A., assignor.
Norton, Francis J., assignor.
Ogden, Harold S., assignor.
Olsen, Ronald W., assignor.
Otis, A. N., and Hegel, assignors
Otto, Harold M., assignor.
Owens, Joseph W., assignor.
Owings, Charles E., assignor.
Paluev, Konstantin K., assignor.
Partridge, John H., assignor.
Patnode, Winton I., assignor.
Patnode, W. I., and Sauer, assignors.
Patnode, W. I., and Schiessler, assignors.
Peer, Lyle H. B., assignor.
Pellett, Fred G., assignor.
Petersen, Charles A., assignor.
Petersen, Otto H., assignor.
Philo, Frank G., assignor.
Pierson, Leslie C., assignor.
Pipkin, Marvin, assignor.
Powell, Alric H., assignor.
Prideaux, Gwilym F., assignor.
Prince, David C., assignor.
Puffer, Samuel R., assignor.
Puffer, S. R., and Norris, assignors.
Radcliffe, Thomas J., assignor.
General Electric Company: *See*—Continued
Ralston, Albert A., assignor.
Ramo, Simon, assignor.
Redmond, James H., assignor.
Reed, C. E., and Coe, assignors.
Reed, William L., assignor.
Reeves, Waverly A., assignor.
Rich, Theodore A., assignor.
Richardson, Henry M., assignor.
Richardson, L. W., and Scheldorf, assignors.
Roberts, Alvin V., assignor.
Roberts, James L., assignor.
Robinson, Manuel G., assignor.
Robinson, Percy W., assignor.
Robinson, T. F., Coe, and Welch, assignors.
Rochow, Eugene G., assignor.
Rochow, E. G., and Gilliam, assignors.
Rochow, E. G., and Patnode, assignors.
Rogers, George L., assignor.
Root, Charles S., assignor.
Rugg, Edward H., assignor.
Safford, Meyer M., assignor.
St. Palley, Zoltan O., assignor.
Sauer, Robert O., assignor.
Sauer, R. O., and Reed, assignors.
Savage, Robert H., assignor.
Schaefer, Edward J., assignor.
Schaefer, Vincent J., assignor.
Scheldorf, Marvel W., assignor.
Schey, Ira M., Jr., assignor.
Schlenker, Rudolf P., assignor.
Schmidt, August, Jr., assignor.
Schmitt, Richard H., assignor.
Schneider, Elbert D., assignor.
Schuck, Carl L., assignor.
Scott, Edwin W., assignor.
Seeley, Harold T., assignor.
Shaver, Daniel L., assignor.
Shea, Richard F., assignor.
Shea, R. F., and Miner, assignors.
Short, Thomas T., assignor.
Shoults, David R., assignor.
Sias, Frederick R., assignor.
Silvester, Austin G., assignor.
Smith, Arthur R., assignor.
Smith, Chester W., assignor.
Smith, Richard E., assignor.
Somerville, Gareth G., assignor.
Spring, Murray M., assignor.
Sprung, M. M., and Gilliam, assignors.
Standish, John W., assignor.
Stanworth, John E., assignor.
Starr, Frank M., assignor.
Stephens, Howard O., assignor.
Stephenson, Hugh M., assignor.
Strang, Harold E., assignor.
Strang, H. E., and Butler, assignors.
Strang, H. E., Reed, and Linde, assignors.
Stratton, Jerry L., assignor.
Suhr, F. W., and Warner, assignors.
Suits, C. G., and Lincks, assignors.
Suits, Chauncey G., assignor.
Sweet, A. L., and Bassett, assignors.
Terpak, S., and Wetherill, assignors.
Thayer, Richard N., assignor.
Theisen, Joseph L., assignor.
Thielemann, Rudolf H., assignor.
Thompson, Edward S., assignor.
Thompson, Harris A., assignor.
Thompson, Louis W., assignor.
Thumim, C., Frank, and Boisseau, assignors.
Titus, Charles H., assignor.
Townsend, Mark A., assignor.
Traver, Oliver C., assignor.
Traver, O. C., and McKenna, assignors.
Treanor, Edward D., assignor.
Trencham, Henry, assignor.
Turner, Prescott K., assignor.
Uhlig, Herbert H., assignor.
Unger, Magnus, assignor.
Valentine, Irving R., assignor.
Van Horn, Irving H., assignor.
Von Hoorn, Fred G., assignor.
Vienneau, Jacob J., assignor.
Vrooman, Donald F., assignor.
Vrooman, Edward C., assignor.
Wade, E. J., and Horvath, assignors.
Wade, Elmer J., assignor.
Wales, Lawrence B., assignor.
Walker, Warren R., assignor.
Wall, Alexander C., assignor.
Warner, Donald F., assignor.
Warner, Wilbur W., assignor.
Warren, Glenn B., assignor.
Warrington, Albert R. Van C., assignor.
Watrobski, Raymond J., assignor.
Weaver, B. S., and Garr, assignors.
Weeks, Walter R., assignor.
Welch, Alanson U., Jr., assignor.
Weldon, John J., assignor.
Wellman, Albert, assignor.
Westervelt, Nelson H., assignor.
Wheeler, Charles M., assignor.
White, Leo D., assignor.

General Electric Company: *See*—Continued
White, William C., assignor.
Whitesel, Harry A., assignor.
Whiteside, Jack R., assignor.
Whiting, Max A., assignor.
Wiest, Horace G., assignor.
Wightman, Lawrence W., assignor.
Wilcox, Thomas W., assignor.
Wild, Albert F., assignor.
Willcox, T. N., and Race, assignors.
Willcox, Thomas N., assignor.
Winslow, Arthur F., assignor.
Wood, Charles W., assignor.
Woodworth, John L., assignor.
Woolard, Simon B., assignor.
Worcester, Joseph A., Jr., assignor.
Wright, J. G. E., and Marsden, assignors.
Wyer, Richard F., assignor.
Young, George G., assignor.
Young, William R., assignor.
Zabel, William P., assignor.

General Electric Company Limited, The: *See*—
Espley, D. C., and Ryde, assignors.
Sanderson, Roger W. W., assignor.
Saunders, Charles W., assignor.
Thompson, William G., assignor.

General Electric Corporation: *See*—
Morack, Marvin M., assignor.

General Electric X-Ray Corporation: *See*—
Atlee, Z. J., and Filmer, assignors.
Zunick, Michael J., assignor.

General Finance Corporation: *See*—
Iler, George A., assignor.

General Fireproofing Company, The: *See*—
Straubel, Clarence W., assignor.

General Floor Company: *See*—
Crock, Gregory F., assignor.

General Flooring Company: *See*—
Crock, Gregory F., assignor.

General Foods Corporation: *See*—
Berry, Norton E., assignor.
Kremers, Roland E., assignor.
Olsen, A. G., and Fehlberg, assignors.
Olsen, A. G., and Seltzer, assignors.
Rector, Thomas M., assignor.
Stagmeier, Arthur F., assignor.

General Furnaces Corporation: See—
Saha, Aatto P., assignor.

General Instrument Corporation: *See*—
Glaser, L. B., and Franey, assignors.

General Luminescent Corporation: *See*—
Isenberg, Sampson, assignor.

General Machinery Corporation: *See*—
Byerlein, Arthur A., assignor.

General Manifold & Printing Co.: *See*—
Lewis, Edward Z., assignor.

General Mills, Inc.: *See*—
Anderson, Helmer, assignor.
Andrews, J. S., and Sherwood, assignors.
Becker, Gilbert C.
Binnington, Donald S., assignor.
Callaghan, R. W., and Elverum, assignors.
Collatz, Ferdinand A., assignor.
Evans, L. H., and Huber, assignors.
Fritzberg, Edward L., assignor.
Huber, Louis J., assignor.
Norris, Frank A., assignor.
Schilling, R. M., and Mitchell, assignors.
Waters, Vern S., assignor.

General Motors Corporation: *See*—
Alexander, Donald F., assignor.
Baker, Albert D., assignor.
Baker, Malvern S., assignor.
Bales, Max G., assignor.
Barr, Harry F., assignor.
Barrington, Robert R., assignor.
Becker, Sylvan J., assignor.
Berninger, Kenneth L., assignor.
Blomberg, Martin P., assignor.
Blomberg, M. P., and Smidl, assignors.
Boegehold, Alfred L., assignor.
Boegehold, A. L., and Terry, assignors.
Bourland, I. R., and Heavener, assignors.
Bradford, Zerbe C., assignor.
Brams, Stewart L., assignor.
Brian, William S., assignor.
Brill, William E., assignor.
Brown, William E., assignor.
Browne, D. B., and Painter, assignors.
Burge, James S., assignor.
Candor, Robert R., assignor.
Carney, Clifford R., assignor.
Chitwood, George R., assignor.
Clark, Kendall, assignor.
Clason, Bertil, assignor.
Cook, S. V., and Waring, assignors.
Cramer, Paul L., assignor.
Cramer, P. L., and Begeman, assignors.
Cramer, Raymond H., assignor.
Crockett, C. V., Jr., and Bouvy, assignors.
Daily, Robert A., assignor.
Da Roza, F. G., and Hill, assignors.
Dilworth, R. M., and Lillquist.
Dilworth, Richard M., assignor.

General Motors Corporation: *See*—Continued
Drown, Lyle L., assignor.
Dyer, John B., assignor.
Etchells, Eugene B., assignor.
Fausset, E. R., and Zion, assignors.
Ferris, Donald K., assignor.
Fike, C. H., and Heinzen, assignors.
Firner, William B., assignor.
Frank, Mark H., assignor.
Fray, A. S., and Withrow, assignors.
Fry, Millard E., assignor.
Gardiner, Arthur W., assignor.
Gaubatz, Arthur W.
Gaudreau, O. E., and Michelsen, assignors.
Gaugler, R. S., and Waring, assignors.
Geyer, Harvey D., assignor.
Gibson, J. Lowell, assignor.
Grooms, Albert O., assignor.
Haines, J. F., and Martin.
Hartzell, Herman L., assignor.
Helvern, J. O., and Baugh, assignors.
Hill, Robert H., assignor.
Humer, Frank, assignor.
Hunt, George, assignor.
Harris, Leander B., assignor.
Harris, Marcus R., assignor.
Hartzell, Herman L., assignor.
Hoffman, Frederick C., assignor.
Howe, John D., assignor.
Humer, Frank, assignor.
Hutchinson, Philip H., assignor.
Jones, Kenneth L., assignor.
Jorgensen, Clarence H., assignor.
Kamrath, Herbert G., assignor.
Kelley, Oliver K., assignor.
Kettering, Charles F., assignor.
Kettering, C. F., and Fischer, assignors.
Kettering, Eugene W., assignor.
Kew, Charles E., assignor.
Kucher, Andrew A., assignor.
Kuhn, A. J., Alexander, and Hornaday, assignors.
Kuhns, A., and Gasser, assignors.
Lauer, C. J., and Bowers, assignors.
Lawson, John W., assignor.
Leland, Robert W., assignor.
Leland, R. W., and Werner, assignors.
Lillquist, Torsten O., assignor.
Louthan, Chester F., assignor.
Lovell, W. G., and Phillips, assignors.
Lucid, David E., assignor.
Lund, Arthur D., assignor.
MacNeil, C. S. J., Haines, Martin, and Berninger, assignors.
MacPherson, Earle S., assignor.
Mancini, Joseph L., assignor.
Mann, Cecil A., assignor.
Martin, Thomas B., assignor.
Marvin, John T., assignor.
McCormack, Alex A., assignor.
McCormick, Francis H., assignor.
McDougal, Taine G., assignor.
McGill, George E., assignor.
McKinney, Edgar L., assignor.
McKinney, E. L., and Banta, assignors.
Means, Ralph P., Jr., assignor.
Murden, William T., assignor.
Nichols, Charles A., assignor.
Olson, T. A., and Klopak, assignors.
O'Neill, Arthur P., assignor.
Opitz, William H., assignor.
Pearce, George C., assignor.
Penn, Melvin P., assignor.
Poole, L. E., and Fausset, assignors.
Poole, Lora E., assignor.
Rady, William J., assignor.
Rasmussen, Olaf, assignor.
Rataiczak, Francis I., assignor.
Reeves, Donald H., assignor.
Rike, R. C., and Baugh, assignors.
Riopelle, E. F., and Sihvonen, assignors.
Rippingille, Edward V., assignor.
Rossman, Edwin F., assignor.
Salisbury, Carl D., assignor.
Sarafian, Karl, assignor.
Schjolin, Hans O., assignor.
Schmidt, Henry W., assignor.
Schwarz, Bertram A., assignor.
Seabury, R. L., and Daily, assignors.
Shoemaker, F. G., and Kreis, assignors.
Sihovonen, K. E., and Riopelle, assignors.
Smart, Clarence F., assignor.
Smith, Paul T., assignor.
Stalker, Tracy L., assignor.
Stephenson, James R., assignor.
Stickel, Carl A., assignor.
Stolte, Richard C., assignor.
Teeter, Wilford H., assignor.
Thompson, Earl A., assignor.
Thoms, L., and Maker, assignors.
Trott, James, assignor.
Varblow, Stanford C., assignor.
Werner, Calvin J., assignor.
Wanner, Joseph W., assignor.
Wening, H. E., and Moule, assignors.

General Motors Corporation: *See*—Continued
Wernig, James H., assignor.
White, Joe, assignor.
Winkler, Wynne G., assignor.
Wirt, John R., assignor.
Wittlinger, L. M., and Brian, assignors.
Wolfram, William S., assignor.
General Oil Heating Corporation: *See*—
Carter, George I., assignor.
General Paint Corporation: *See*—
Bronson, Deming, assignor.
General Printing Ink Corporation: *See*—
Curado, Joseph G., assignor.
Curado, J. G., and Finalborgo, assignors.
Hill, Frederick W., assignor.
Irion, Clarence E., assignor.
Wekeman, Stephen N., assignor.
General Radio Company: *See*—
Karplus, E., and Peterson, assignors.
Sinclair, Donald B., assignor.
Tuttle, William N., assignor.
General Railway Signal Company: *See*—
Alexander, Walter C., assignor.
Coley, Nelson B., assignor.
Field, Oscar S., assignor.
Field, O. S., and Wight, assignors.
Hailes, W. D, and Brixner, assignors.
Hewes, Ralph W., assignor.
Judge, Thomas J., assignor.
Preston, Neil D., assignor.
Rees, Frank X., assignor.
Rees, F. X., and Howard, assignors.
Scheg, Marcian A., assignor.
Scheg, M. A., and Wall, assignors.
Sibley, Henry C., Jr., assignor.
Wight, Sedgwick N., assignor.
Willing, J. E., and Little, assignors.
General Refractories Company: *See*—
Miller, F. M., Shape, and McClelland, assignors.
General Register Corporation: *See*—
Helsel, Reuben H., assignor.
General Research, Inc.: *See*—
Simjian, Luther G., assignor.
General Ribbon Mills, Inc: *See*—
Goldsmith, Bertram J., assignor.
General Seafoods Corporation: *See*—
Kaufman, Charles W., assignor.
General Steel Castings Corporation: *See*—
Frede, Charles F., assignor.
Harley, J. J., and Travilla, assignors.
Jackson, E. C., and Frede, assignors.
Pflager, Harry M., assignor.
Pflager, Harry M., assignor.
Travilla, James C., Jr., assignor.
Travilla, J. C., Jr., and Pagenkemper, assignors.
General Strapping Corporation: *See*—
Watt, B. L., and Osgood, assignors.
General Timber Service, Inc.: *See*—
Hall, Harry E., assignor.
Hammond, Richard N., assignor.
MacKenzie, Neal T., assignor.
General Time Instruments Corporation: *See*—
Engel, G. C., and Eidmann, assignors.
General Tire & Rubber Company, The: *See*—
Dettling, Joseph J., assignor.
Dodge, Howard M., assignor.
Engler, Max, assignor.
Kraft, Herman T., assignor.
Kraft, H. T., and Comey, assignors.
Peik, Paul G., assignor.
Remark, I. J., and Wheeler, assignors.
Riefenstahl, Lester A., assignor.
Vance, R. M., and Damicone, assignors.
General Vender Mfg. Co.: *See*—
Melchert, Charles A., assignor.
Generale, John T., Pelham Manor, N. Y. Pull toy. 2,385,914; Oct. 2.
Geneto Corporation: *See*—
Upton, Frederick P., assignor.
Geneva Processes, Inc.: *See*—
McLean, William A., assignor.
Gent, Oscar L., Tulsa, Okla. Wall. 2,367,392; Jan. 16.
Gente, Ernst, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Steam turbine. 2,382,705; Aug. 14.
Gente, Ernst, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Sealing arrangement for centrifugal machines. 2,382,706; Aug. 14.
Gentry, George C., Pittsburgh, Pa., and W. S. Boals, Dayton, Ohio. Feed mechanism for cartridge belts. 2,375,219; May 8.
Geopfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,367,115; Jan. 9.
Geophysical Development Corporation: *See*—
Krasnow, C., and Curtis, assignors.
Geophysical Research Corporation: *See*—
Millikan, Charles V., assignor.
Geophysical Service Incorporated: *See*—
McDermott, Eugene, assignor.
George, Armedos O., North Hollywood, Calif. Outboard motor dolly. 2,390,704; Dec. 11.
George, Avery B.: *See*—
Mateer, G. L., and George.
George, Everett D., and M. Lammertse, assignors to Wingfoot Corporation, Akron, Ohio. Valve stitching apparatus. 2,388,652; Nov. 6.
George, Harry F., Chicago, Ill. Safety buckle. 2,369,225; Feb. 13.
George, Howard: *See*—
Mellor, Fred, assignor.
George, Ralph D., Raytown, assignor to Butler Manufacturing Company, Kansas City, Mo. Combination trailer body for trucks. 2,369,890; Feb. 20.
George, Roscoe H., West Lafayette, Ind. Electron tube circuits. 2,366,329; Jan. 2.
George, Roscoe H., and W. M. Hesselberth, West Lafayette, Ind., assignors to Radio Corporation of America. Electrophoretic coating mixture. 2,376,047; May 15.
Georgia Kaolin Company: *See*—
Lyons, Sanford C., assignor.
Geppelt, Walter A., Tulsa, Okla. Pipe and rod bending machine. 2,373,822; Apr. 17.
Gerard, Joseph E.: *See*—
Sembler, E., and Gerard.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,377,000; May 29.
Gerber, Dale C., North Canton, and R. C. Osborn, Canal Fulton, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,387,655; Oct. 23.
Gerber, Edward R.: *See*—
Crumb, C. F., and Gerber.
Gerber, Erwin G., West Allis, assignor to Meta Manufacturing Co., Milwaukee, Wis. Testing machine. 2,366,394; Jan. 2.
Gerdes, Theodor, Gilman, Ill. Rotary valve. 2,384,548; Sept. 11.
Gereke, Oscar, Stockett, Mont. Dehorning paste applicator. 2,388,321; Nov. 6.
Gerfen, Raymond F., Belleville, Ill. Semiautomatic rifle. 2,391,562; Dec. 25.
Gergely, Margaret, Waltz, Mich. Cartridge fountain pen. 2,381,898; Aug. 14.
Gerges, Wesley R., Philadelphia, Pa., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Tank car. 2,367,018; Jan. 9.
Gerhardt, Andrew, Skokie, assignor to Electric Household Utilities Corporation, Chicago, Ill. Ironing machine. Re. 22,616; Mar. 13.
Gerhardt, Andrew H., Skokie, and T. C. Maher, assignors to Electric Household Utilities Corporation, Chicago, Ill. Automatic ironing machine. 2,372,775; Apr. 3.
Gerhardt, William F., Detroit, Mich. Air vehicle. 2,371,687; Mar. 20.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Forming a clear plasticized styrene-maleic anhydride resin. 2,384,085; Sept. 4.
Gerhart, Howard L., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of diolefinic resins. 2,387,895; Oct. 30.
Gerhart, Howard L., Milwaukee, Wis., and L. M. Adams, Corpus Christi, Tex., assignors to Pittsburgh Plate Glass Company. Synthetic gum for paints and varnishes. 2,390,530; Dec. 11.
Gerhold, Clarence G.: *See*—
Mekler, L. A., and Gerhold.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,377,078; May 29.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Mixing fluids. 2,382,871; Aug. 14.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Downspout for bubble trays. 2,385,355; Sept. 25.
Gerity-Adrian Manufacturing Corporation: *See*—
Gerity, James, Jr., and Claus, assignors.
Gerity, James, Jr., Adrian, Mich., and W. A. Claus, Toledo, Ohio, assignors to Gerity-Adrian Manufacturing Corporation, Adrian, Mich. Wall fixture. 2,366,447; Jan. 2.
Gerke, Walter L., Memphis, Tenn. X-ray timer tester. 2,374,280; Apr. 24.
Gerlach, Carl A., La Grange, Ill. Wrapping machine. 2,368,213; Jan. 30.
Gerlach, Charles L., assignor to Michael Yundt Company, Waukesha, Wis. Conveying apparatus. 2,379,571; July 3.
Gerlache, John, Chicago, Ill. Trailer toy. 2,370,532; Feb. 27.
Gerlich, Adolph, Waukegan, assignor to Milton L. Smith, Chicago, Ill. Bottle dispensing apparatus. 2,376,682; May 22.
Gerlough, Tillman D., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Refining antitoxins. 2,368,464; Jan. 30.
Germain, Andrew J.: *See*—
Olsen, C. A., and Germain, assignors.
Germain, Charles E., Worcester, Mass. Snow runner for baby carriages. 2,380,162; July 10.
Germain, Louis, Brooklyn, N. Y. Bookmark. 2,388,736; Nov. 13.
German, Irvine F., Jr.: *See*—
Gross, H. H., and German.
German, Milo, Cozad, Nebr. Bending plastic tubing. 2,389,038; Nov. 13.
Germanotta, John, Milwaukee, Wis. Toiletry appliance. 2,375,643; May 8.

Germeshausen, Kenneth J., Cambridge, Mass. Reproducer. 2,373,676; Apr. 17.
Germeshausen, Kenneth J., Cambridge, Mass. Vibration-translating device. 2,380,514; July 31.
Gernandt, Waldo G.: *See*—
Bonbright, H., and Gernandt.
Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,374,190; Apr. 24.
Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,374,191; Apr. 24.
Gernandt, Waldo G., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,384,461; Sept. 11.
Gernandt, Waldo G., and A. E. Walden, assignors to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,387,143; Oct. 16.
Gerotor May Company: *See*—
Painter, Roy W., assignor.
Gerrard, John M., Chicago, Ill. Seal. 2,377,224; May 29.
Gerrard, Oswald, Houston, Tex. Airplane landing and retarding apparatus. 2,380,105; July 10.
Gersch, Adolph E., assignor to Stewart-Warner Corporation, Chicago, Ill. Radio control device. 2,367,860; Jan. 23.
Gershinowitz, Harold, New York, N. Y., assignor to Shell Development Company, San Francisco, Calif. Cracking and reforming of hydrocarbons. 2,370,533; Feb. 27.
Gersmehl, Vern R., Cheyenne, Wyo. Spray gun. 2,368,536; Jan. 30.
Gerson, Gerhard, Keego Harbor, Mich., assignor to Phillips Petroleum Company. Charge forming device. 2,391,410; Dec. 25.
Gerst, Chris, Dearborn, assignor to Transmission Specialties Company, Detroit, Mich. Clutch structure. 2,376,136; May 15.
Gerst, Chris, Dearborn, Mich. Power take-off. 2,389,847; Nov. 27.
Gerst, Henry M.: *See*—
Pitinsky, M., Gerst, and Shriro.
Gerstenzang, Ralph: *See*—
Brownlie, J., and Gerstenzang.
Gertler, Hyman, Montreal, Quebec, Canada. Metal bed spring. 2,390,580; Dec. 11.
Gertler, S. I., and H. L. J. Haller, Washington, D. C., assignors to United States of America as represented by C. R. Wickard, Secretary of Agriculture, and his successors in office. Insecticide. 2,388,684; Nov. 13.
Gertler, Samuel I., Washington, D. C., assignor to the United States of America, as represented by the Secretary of Agriculture. Insect repellents. 2,389,427; Nov. 20.
Gertler, Samuel I., and H. L. J. Haller, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,374,479; Apr. 24.
Gerung, George, Baltimore, Md. Burring machine. 2,384,164; Sept. 4.
Gess, Louis, Jenkintown, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,381,948; Aug. 14.
Gess, Louis, Jenkintown, and E. C. Burdick, assignors to Brown Instrument Company, Philadelphia, Pa Measuring instrument. 2,386,108; Oct. 2.
Gessford, Ross K.: *See*—
Gaun, H. M., and Gessford.
Gessler, Harry C., Brooklyn, assignor to Medco Products Co., New York, N. Y. Dispenser. 2,380,906; July 31.
Getaz, James L., New York, N. Y., assignor to Scott and Williams, Incorporated, Laconia, N. H. Knitting method and product thereof. 2,376,246; May 15.
Getaz, James L., New York, N. Y. Incorporating elastic thread in knitted fabrics. 2,377,489; June 5.
Getaz, James L., New York, N. Y. Feeding elastic thread in knitted fabrics. 2,377,490; June 5.
Getaz, James L., New York, N. Y., assignor to Scott and Williams, Incorporated, Laconia, N. H. Knitting method and machine. 2,387,253; Oct. 23.
Gettelman, Fredrick, Milwaukee, Wis. Bottle conveyer. 2,369,557; Feb. 13.
Geue, John E.: *See*—
Thorsten, T., Geue, and Kellogg.
Gevaart, Theodore C., Kiel, Wis. Carton and package. 2,382,308; Aug. 14.
Gey, William H., Boston, Mass. Electric flashlight. 2,387,144; Oct. 16.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,372,483; Mar. 27.
Gheen, Robert L., Eugene, Oreg. Metal cutting machine. 2,374,281; Apr. 24.
Ghertman, Ioino, St. Mande, France, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,372,892; Apr. 3.
Ghez, Henry and O., New York, N. Y. Sole for footwear and footwear embodying the same. 2,370,301; Feb. 27.
Ghez, Henry and O., New York, N. Y. Construction of shoe soles of wood or other stiff materials. 2,370,302; Feb. 27.
Ghez, Henry and O., New York, N. Y. Shoe sole. 2,370,303; Feb. 27.
Ghez, Henry and O., New York, N. Y. Rubber or plastic encased flexible reinforcement or flexible member. 2,383,122; Aug. 21.
Ghez, Oscar: *See*—
Ghez, Henry and O.
Giabalvo, Vito A., Rahway, N. J., assignor to Interchemical Corporation, New York, N. Y. Making phthalocyanine pigments. 2,375,780; May 15.
Giammaria, John J., and O. M. Reiff, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,386,206; Oct. 9.
Giannini, Gabriel M., North Hollywood, Calif., assignor, by mesne assignments, to Automatic Electric Laboratories, Inc. Transmission system. 2,375,099; May 1.
Giannini, Gabriel M., West Los Angeles, Calif., assignor, by mesne assignments, to A. S. Howe, Jr., South Norwalk, Conn. Magnetic compass. 2,389,664; Nov. 27.
Gibb, John A.: *See*—
Lambert, P., Riemenschneider, and Gibb.
Gibb, John A., Northport, W. T. Hayward, Hastings-on-Hudson, and A. H. Schutte, Westchester, assignors to The Lummus Company, New York, N. Y. Catalysis. 2,370,950; Mar. 6.
Gibbon, Charles O., Short Hills, N. J., assignor to American Telephone and Telegraph Company. Electromagnetic relay. 2,375,100; May 1.
Gibbons, Clifford L.: *See*—
Henry, Robert J., assignor.
Gibbons, Edwin J., East Providence, R. I. Treating multiwoven fabrics. 2,371,164; Mar. 13.
Gibbons, Richard F., Burlingame, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Power line transfer and disconnect switch. 2,368,465; Jan. 30.
Gibbs, Bradford C., Teaneck, and R. H. Roughsedge, Ramsey, N. J., assignors to Celanese Corporation of America. Stop motion. 2,367,768; Jan. 23.
Gibbs, Carlin F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Partial ethers of alkenyl substituted polyhydroxybenzenes. 2,378,698; June 19.
Gibbs, Charles W., Chevy Chase, Md. Container. 2,375,101; May 1.
Gibbs, Clarence D., Jenkintown, and R. K. Miller, Allentown, Pa. Boiler. 2,379,227; June 26.
Gibbs & Cox, Inc.: *See*—
Hadden, Edward L., assignor.
Gibbs, Lester S.: *See*—
Packie, J. W., and Gibbs.
Gibbs, Thomas B.: *See*—
Fink, J., and Gibbs.
Gibbs, Thomas B., and E. Norrman, Delavan, Wis., assignors to George W. Borg Corporation, Chicago, Ill. Frequency multiplier. 2,374,343; Apr 24.
Gibbs, Thomas B., and M. E. Brown, Delavan, Wis., assignors, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Timing apparatus. 2,390,364; Dec. 4.
Gibney, Robert B., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrographic recording medium. 2,367,113; Jan. 9.
Gibson, Albert E., Jr., Springfield, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Molding articles. 2,370,623; Mar. 6.
Gibson, Albert G., and C. R. Crawford, Middletown, assignors to The Black-Clawson Company, Hamilton, Ohio. Apparatus for feeding paper pulpers. 2,369,347; Feb. 13.
Gibson, Donald M., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Ice tray. 2,367,573; Jan. 16.
Gibson, Estell L., Park Ridge, assignor to Cowham Engineering Company, Chicago, Ill. Rotary kiln. 2,387,014; Oct. 16.
Gibson, Gerald A., Excelsior, Minn. Portable basketball goal. 2,379,572; July 3.
Gibson, J Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,366,188; Jan. 2.
Gibson, J Lowell, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,391,151; Dec. 18.
Gibson, James L., Chicago, and E. W. Peterson, Glen Ellyn, assignors to Ditto, Incorporated, Chicago, Ill. Paper handling mechanism for duplicating machines. 2,389,848; Nov. 27.
Gibson, John D.: *See*—
LeStrange, A. J., and Gibson.
Gibson, Marshall D., Webster Groves, Mo. Carrier for bottles or the like. 2,368,015; Jan. 23.
Gibson Refrigerator Company: *See*—
Gibson, Donald M., assignor.
Nofzinger, Earl E., assignor.
Roth, Joseph N., assignor.
Yerkes, Norman J., assignor.
Gibson, Robert M., Pittsburgh, Pa. Quenching vessel. 2,374,535; Apr. 24.
Giddings & Lewis Machine Tool Co.: *See*—
Gallimore, K. F., and Schurger, assignors.
Woytych, R. M., and Kaiser, assignors.
Gideon, Victor W., assignor to Boyar-Schultz Corporation, Chicago, Ill. Turning tool. 2,380,039; July 10.
Gieffers, Friedrich: *See*—
Kesselring, F., Gieffers, and Kaufmann.
Gieleghem, Maurice J., Detroit, Mich. Radius fixture. 2,367,574; Jan. 16.

Giern and Anholtt Tool Company: *See*—
Giern, J. B., and Anholtt, assignors.
Giern, James B., assignor of one-half to A. P. Anholtt, Detroit, Mich. Smoking pipe. 2,382,627; Aug. 14.
Giern, James B., and A. P. Anholtt, assignors to Giern and Anholtt Tool Company, Detroit, Mich. Machine construction. 2,378,212; June 12.
Giese, August F., Jr., Gary, Ind. Cinder notch stopper. 2,376,048; May 15.
Gieseke, Elmer W.: *See*—
Jayne, D. W., Jr., Day, and Gieseke.
Gieseke, Elmer W., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Tungsten ore flotation. 2,373,305; Apr. 10.
Giffard, Whitney, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,368,294; Jan. 30.
Giffard, Whitney, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,387,840; Oct. 30.
Giffen, Harvey D., Pico, Calif., assignor, by mesne assignments to Consolidated Vultee Aircraft Corporation. Apparatus for analyzing recorded data. 2,380,231; July 10.
Gifford, Clayton E., and D. S. Hoover, assignors to The Huber Manufacturing Co., Marion, Ohio. Mower. 2,375,912; May 15.
Giger, Walter, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electromechanical control system for vehicles. 2,387,896; Oct. 30.
Gigger, Walter A., Barrington, R. I., assignor to Brown and Sharpe Manufacturing Company. Control device. 2,387,254; Oct. 23.
Gilbert, A. C. Company, The: *See*—
Frisbie, Marshall H., assignor.
Gilbert & Barker Manufacturing Company: *See*—
De Lancey, Warren H., assignor.
Grisé, Alfred L., assignor.
Gilbert-Carter, John C., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,367,938; Jan. 23.
Gilbert, George R., Elizabeth, N. J., assignor to Standard Oil Development Company. Sweetening sour hydrocarbon oil. 2,369,558; Feb. 13.
Gilbert, George R., Elizabeth, N. J., assignor to Standard Oil Development Company. Increasing cetane number of fuel oil. 2,390,296; Dec. 4.
Gilbert, George R., Baytown, Tex., assignor to Standard Oil Development Company. Catalyst preparation. 2,370,788; Mar. 6.
Gilbert, George R., Baytown, Tex., assignor to Standard Oil Development Company. Diesel fuel. 2,379,228; June 26.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal cleaning process and composition. 2,377,876; June 12.
Gilbert, Lloyd, Ravenna, Mich. Stone carrier attachment for tractors. 2,379,797; July 3.
Gilbert, Maxon, North Scituate, R. I. Charcoal grill. 2,375,913; May 15.
Gilbert, Philo G., Portland, Oreg. Attachment for hand trucks. 2,382,989; Aug. 21.
Gilbert, Richard H.: *See*—
Lacart, R. H., Gilbert, and Beekley.
Gilbert, Samuel, Verona, N. J., assignor to Bendix Aviation Corporation, Bendix, N. J. Power plant accessory. 2,368,537; Jan. 30.
Gilbert, Samuel, Verona, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,374,990; May 1.
Gilbert, Samuel, Verona, assignor to Bendix Aviation Corporation, Teterboro, N. J. Clutch. 2,389,772; Nov. 27.
Gilbert, Stanley W., Middletown, assignor to Chandler-Evans Corporation, South Meriden, Conn. Carburetor. 2,382,050; Aug. 14.
Gilbertson, Olaf, Matawan, N. J. Electric swivel. 2,387,015; Oct. 16.
Gilbreath, Frederick E., Pasadena, assignor to J. J. O'Reilly, Los Angeles, Calif. Lawn mower sharpener. 2,373,022; Apr. 3.
Gile, Truman, Miami Springs, Fla. Noisemaking device. 2,379,143; June 26.
Giles, Charles H., and D. G. Wilkinson, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Treatment of materials. 2,369,122; Feb. 13.
Giles, Eugene M., assignor to W. D. Kelly, Western Springs, Ill. Stop nut. 2,386,307; Oct. 9.
Giles, Thomas F., Greenford, England. Firing device for the fuses of bombs, flares, and the like. 2,382,872; Aug. 14.
Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,781; May 15.
Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,782; May 15.
Gilfillan, Henry W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,783; May 15.
Gilfillan, Paul M., assignor to Shellmar Products Company, Mount Vernon, Ohio. Joint closure. 2,380,427; July 31.
Gilg, Frank X.: *See*—
Shellenberger, R., and Gilg.
Gill, Emerson C., Melrose, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,376,910; May 29.
Gill, George H., assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Los Angeles, Calif. Engine system cooling control. 2,376,683; May 22.
Gill, George H., Los Angeles, assignor to The Garrett Corporation, Airesearch Manufacturing Company division, Inglewood, Calif. Oil cooling device. 2,384,248; Sept. 4.
Gill, John B., San Francisco, and T. L. Smith, South San Francisco, Calif. Pipe-cutting tool. 2,381,156; Aug. 7.
Gill, Joseph W.: *See*—
Scholz, H. A., Wise, Gill, and Schmidt.
Gill, Raymond W., Pleasantville, N. J. Storm sash and screen. 2,388,404; Nov. 6.
Gillam, Edward D., Philadelphia, Pa. Container. 2,385,268; Sept. 18.
Gille, Hugo E.: *See*—
Jenny, Robert W., and Gille.
Gille, Willis H.: *See*—
Taylor, D. G., and Gille.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,366,501; Jan. 2.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electronic control apparatus. 2,379,872; July 10.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,390,581; Dec. 11.
Gille, Willis H., St. Paul, and H. A. Petsch, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,371,236; Mar. 13.
Gille, Willis H., St. Paul, Minn., and J. V. Sigford, Wabash, Ind., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,375,988; May 15.
Gillen, George M., assignor to Nicholas Pisapia, Paterson, N. J. Valve mechanism for spaghetti canning machines. 2,389,901; Nov. 27.
Gillespie, Albert A, and F. Hauser, West Los Angeles, and A. G. Wise, Los Angeles, assignors to Loew's Incorporated. Background projector. 2,366,851; Jan. 9.
Gillespie, Charles N., Brooklyn, N. Y., assignor to Radio Corporation of America. Compensation amplifier system. 2,378,999; June 26.
Gillespie, Henderson C., Moorestown, N. J., assignor to Radio Corporation of America. Electrical heating method. 2,370,624; Mar. 6.
Gillespie, J Gayle, Gainsville, Tex. Drum assembly for pumping units. 2,370,029; Feb. 20.
Gillespie, J. W.: *See*—
Farley, R. C., and Gillespie.
Gillespie, Stanley E.: *See*—
Jefferson, G. V., and Gillespie.
Gillette, C. F.: *See*—
Gray, Roy O., assignor.
Gillette, Harold R.: *See*—
Goldstein, P., and Gillette.
Richter, H. W., and Gillette.
Gillette Safety Razor Company: *See*—
Muros, Joseph, assignor.
Shnitzler, Meyer J., assignor.
Stampleman, Samuel C., assignor.
Testi, Nicholas, assignor.
Gilli, Paul, Vienna, Germany; vested in the Alien Property Custodian. Fireless locomotive with high accumulator pressure. 2,367,114; Jan. 9.
Gilliam, Oliver F., Evanston, Ill., assignor to Niagara Blower Company, New York, N. Y. Apparatus for smoking and curing foodstuffs. 2,380,428; July 31.
Gilliam, William F.: *See*—
Rochow, E. G., and Gilliam.
Sprung, M. M., and Gilliam.
Gillican, Charles C., Homerville, Ga., assignor of one-half to Nelio Resin Processing Corporation, Cleveland, Ohio, and one-half to Filtered Rosin Products, Inc., Benedict, Ga. Packaging rosin. 2,378,920; June 26.
Gilligan, Carl W., East Longmeadow, Mass. Ground signal projector. 2,369,142; Feb. 13.
Gilligan, Carl W., East Longmeadow, Mass. Firing rate reducer. 2,384,832; Sept. 18.
Gilligan, John D.: *See*—
Slizewski, Ernest J., assignor.
Gilliland, Edwin R., Cambridge, Mass., assignor, by mesne assignments, to Jasco, Incorporated. Concentration of olefins. 2,369,559; Feb. 13.
Gillings, Charles and C. E. Beale, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc. Telephone or like system. 2,376,352; May 22.
Gillings, Charles, Liverpool, and P. E. A. Cowley, Coventry, England, assignors to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone or like system. 2,380,232; July 10.

Gillings, Charles, and C. E. Beale, Liverpool, England, assignors to Automatic Electric Laboratories Inc., Chicago, Ill. Telephone or like system. 2,383,541; Aug. 28.

Gillis, Randall, Westfield, and W. Morsing, Irvington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for applying material to advancing cores. 2,389,725; Nov. 27.

Gilliver, Gilbert, assignor to Standard Telephones and Cables Limited, London, England. Joining of wires, particularly fine wires used in the manufacture of electric coils. 2,371,438; Mar. 13.

Gilliver, Gilbert, assignor to Standard Telephones and Cables Limited, London, England. Joining of wires, particularly fine wires used in the manufacture of electric coils. 2,390,999; Dec. 18.

Gillman, Jacob: *See*—
Setera, Theodore J., assignor.

Gillmor, Robert E.: *See*—
Hunter, W. F., Jr., Tanner, and Gillmor

Gillmore, Kenneth B., London, and R. H. Warde, assignors to The De Havilland Aircraft Company Limited, Hatfield, England. Toothed-gear coupling. 2,374,344; Apr. 24.

Gillon, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder adjusting mechanism. 2,391,152; Dec. 18.

Gillum, Donald E., Hermosa Beach, and D. H. Van Riper, Los Angeles, assignors to North American Aviation, Inc., Inglewood, Calif. Stiffened material. 2,371,754; Mar. 20.

Gilman, James N., Oakland, and C. C. Ross, Alameda, Calif.; said Ross assignor to said Gilman. Switch assembly. 2,385,356; Sept. 25.

Gilmore, Harry L., assignor to Aget Manufacturing Company, Adrian, Mich. Gas purification. 2,390,297; Dec. 4.

Gilmore, William J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Tension adjuster. 2,375,548; May 8.

Gilpin, Garth G., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car structure. 2,390,434; Dec. 4.

Gilson, D., and Company Limited: *See*—
Bannister, Edgar, assignor.

Gilson, Joseph L., Hartsdale, N. Y. Method and apparatus for freezing foods. 2,372,373; Mar. 27.

Gilson, Walter J., Toronto, Ontario, Canada. Disconnecting switch. 2,371,755; Mar. 20.

Gilson, Warren E., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Automatic blood pressure recorder. 2,379,573; July 3.

Gimpel, Karl, Philadelphia, Pa. Pneumatic punch. 2,383,380; Aug. 21.

Ginger Cola Dispenser Inc.: *See*—
Lloyd, Charles W., assignor.

Gingiss, Rosalie E., et al.: *See*—
Eisensschiml, Otto and G.

Ginn, Earl, North Muskegon, and Harold L. Casselman, assignors to Continental Motors Corporation, Muskegon, Mich. Engine. 2,368,080; Jan. 23.

Ginn, Earl, North Muskegon, and H. L. Casselman, assignors to Continental Motors Corporation, Muskegon, Mich. Engine. 2,369,105; Feb. 6.

Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Oil pump. 2,390,832; Dec. 11.

Ginzton, Edward L.: *See*—
Varian, R. H., Hansen, and Ginzton.

Ginzton, Edward L., Rockville Centre, and W. W. Hansen, Garden City, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. High-frequency tube structure. 2,391,016; Dec. 18.

Giordano, Antoinette, Brooklyn, N. Y. Vegetable belt for kettles. 2,377,548; June 5.

Giorgi, Adelmo, assignor of one-third to B. Pasquasi, Highwood, and one-third to C. E. Worsfold, Wilmette, Ill. Comb attachment for hair clippers. 2,381,046; Aug. 7.

Gioseffi, Victor N., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitizing and protecting metal plates. 2,386,602; Oct. 9.

Girdler Corporation, The: *See*—
Houlton, Harold G., assignor.
Reed, Robert M., assignor.

Gish, Daniel B., West Springfield, Mass. Crutch. 2,383,786; Aug. 28.

Gisholt Machine Company: *See*—
Sundt, Vigo von K., assignor.

Gisleson, William P., Charles City, Iowa. Sun visor attachment. 2,377,225; May 29.

Gisondi, Emanuel, Larchmont, N. Y. Fastening device. 2,369,961; Feb. 20.

Gisondi, Emanuel, Larchmont, N. Y. Fastening device. 2,369,962; Feb. 20.

Gisvold, Ole, assignor to Regents of the University of Minnesota, Minneapolis, Minn. Producing plant extracts. 2,382,475; Aug. 14.

Gits, Joseph A.: *See*—
Gits, Jules P., assignor.

Gits, Joseph A., assignor, by mesne assignments, to himself and J. P. Gits, Chicago, Ill. Flashlight. 2,373,306; Apr. 10.

Gits, Jules P.: *See*—
Gits, Joseph A., assignor.

Gits, Jules P., assignor, by mesne assignments, to J. P. and J. A. Gits, Chicago, Ill. Thermoplastic construction. 2,380,515; July 31.

Given, Richard A.: *See*—
Schonberg, J. R., and Given.

Givens, John H.: *See*—
Hegan, H. J., and Givens, assignors.

Gladeck, Frederick C., Philadelphia, Pa., assignor to International Cigar Machinery Company. Filler tobacco feed. 2,378,921; June 26.

Gladfelter, Wiltie I.: *See*—
McManus, C. E., and Gladfelter.

Gladfelter, Wiltie I., and W. A. Schmidt, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for handling and heating containers. 2,366,515; Jan. 2.

Gladfelter, Wiltie I., and W. A. Ehrlich, Philadelphia, Pa., assignors to Crown & Seal Company, Inc., Baltimore, Md. Apparatus for heating and handling containers. 2,371,885; Mar. 20.

Gladney, Kurt P.: *See*—
Trevail, C., and Gladney.

Glagovsky, Bernard, assignor to Haverhill Shoe Novelty Company, Haverhill, Mass. Footwear. 2,370,789; Mar. 6.

Glancy, Anna E., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Wide aperture objective. 2,371,165; Mar. 13.

Glanzer, Clarence J., Northfield, assignor to Air-Maze Corporation, Cleveland, Ohio. Liquid bath filter. 2,377,142; May 29.

Glascote Products, Inc: *See*—
Osborn, Henry C., Jr., assignor.

Glaser, Leo B., Cranford, and R. G. Franey, Irvington, assignors to General Instrument Corporation, Elizabeth, N. J. Phonograph recorder. 2,388,964; Nov. 13.

Glaser, Michael, New York, 16, N. Y. Multiple vessel combination. 2,374,092; Apr. 17.

Glaser, Michael, New York, N. Y. Garment hanger. 2,386,603; Oct. 9.

Glashow, Lewis, New York, N. Y. Pipe stopper. 2,373,242; Apr. 10.

Glasoe, Karl M., Jr., Huntington Park, Calif. Savings bond register. 2,382,476; Aug. 14.

Glasoe, Paul K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic tone correction mask. 2,378,213; June 12.

Glass, Louis, Kew Gardens, N. Y., assignor to Celanese Corporation of America. Composite fabric. 2,377,933; June 12.

Glass, Paul, Chicago, Ill., assignor to Askania Regulator Company. Self-compensating amplifier tube circuit. 2,374,480; Apr. 24.

Glass, Paul, assignor to Askania Regulator Company, Chicago, Ill. Pulsating circuit and control system. 2,386,677; Oct. 9.

Glass, William H., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure motor. 2,379,291; June 26.

Glasser, Charles J., Chicago, Ill. Binoculars with polarized light filters. 2,383,186; Aug. 21.

Glasser, Charles J., Chicago, Ill. Optical testing device and testing. 2,385,503; Sept. 25.

Glasser, Charles J., Chicago, Ill. Combined spectacle and telescope. 2,389,428; Nov. 20.

Glasser, Harry R., et al.: *See*—
Mott, William P., assignor.

Glasser, Philip, New York, N. Y. Preserving tires. 2,370,790; Mar. 6.

Glassner, Mitchel, assignor to Maryland Baking Company, Inc., Baltimore, Md. Jacket removing plug. 2,390,298; Dec. 4.

Glatthaar, Curt: *See*—
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.

Glaude, Leopold F., Chicago, Ill. Automatic feeding device. 2,388,405; Nov. 6.

Glaude, Leopold F., Chicago, Ill. Lock nut assembler. 2,389,902; Nov. 27.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating composition. 2,366,517; Jan. 2.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricants and manufacturing the same. 2,379,229; June 26.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Copolymerizates of isoolefins and vinyl halides and preparing the same. 2,379,292; June 26.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,380,304; July 10.

Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,380,305; July 10.

Gleason, Anthony H., Westfield, and W. J. Sparks, Elizabeth, N. J., assignors to Standard Oil Development Company. Copolymers of isoolefins and diisobutenyl ring compounds. 2,368,538; Jan. 30.

Gleason, James E., assignor to Gleason Works, Rochester, N. Y. Method and machine for chamfering gears. 2,369,963; Feb. 20.

Gleason Works: *See*—
Bullock, Edward W., assignor.
Candee, A. H., and Carlsen, assignors.
Carlsen, Leonard O., assignor.
Gleason, James E., assignor.
Johanson, Magnus H., assignor.
Johnson, Olaf A., assignor.
McMullen, Frederick E., assignor.
Stewart, Arthur L., assignor.
Wildhaber, Ernest, assignor.
Gledhill, Edward C., Galion, Ohio. Earth mover and bulldozer. 2,387,656; Oct. 23.
Gledhill, John H.: *See*—
Stone, Harry A., assignor.
Gleeson, Murray A., assignor to Crane Co., Chicago, Ill. Spherical plug valve. 2,373,628; Apr. 10.
Gleeson, Murray A., assignor to Crane Co., Chicago, Ill. Pressure sealing joint. 2,384,672; Sept. 11.
Gleim, Clyde E.: *See*—
Clifford, A. M., and Gleim.
Gleim, William E.: *See*—
Kalil, E. O., and Gleim.
Glekler, John T., Cleveland, Ohio, assignor to Air Reduction Company, Incorporated. Fastening device 2,381,047; Aug. 7.
Glendenning, Everett B., Cranford, N. J., assignor to Shell Development Company, San Francisco, Calif. Lubrication indicator. 2,368,593; Jan. 30.
Glenn, Walter H., Los Angeles, Calif. Apparatus for manufacture of compressed clay bodies. 2,373,468; Apr. 10.
Glenny, Arthur P., Amberley, assignor to The Sperry Gyroscope Company Limited, Brentford, Middlesex, England. Automatic control system for aircraft. 2,371,388; Mar. 13.
Glessner, Donald P., assignor to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Hose coupling. 2,386,109; Oct. 2.
Gleve, Frank J.: *See*—
Stone, M. D., and Gleve.
Glick, Edward G.: *See*—
Weisberger, A. A., and Glick.
Glickauf, Joseph S., Jr.: *See*—
DeCosta, E. J., and Glickauf.
Glickman, Leonard, Miami Beach, Fla. Method of and device for cleaning auto radiators. 2,387,324; Oct. 23.
Glidden, Alfred A., Watertown, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Decorative surfacing material. 2,383,598; Aug. 28.
Glidden Company, The: *See*—
Burruss, D. N., Jr. and Drapeau, assignors.
Drapeau, Joseph E., Jr., assignor.
Eisengrein, Harry F., assignor.
Huppert, Oskar, assignor.
Julian, P. L., Cole, Magnani and Conde, assignors.
Levinson, A. A., Julian, and Engstrom, assignors.
Moore, Charles G., assignor.
Glike, Frederick C., assignor to International Silver Company, Meriden, Conn. Apparatus for grinding and buffing metallic articles and the like. 2,376,847; May 22.
Glinecki, Casimir F., Syracuse, N. Y. Sketching outfit. 2,372,077; Mar. 20.
Glines, Frederick S., East Lynn, assignor to Lorenz F. Muther, Newton Center, Mass. Machine for forming and reinforcing cutouts. 2,381,818; Aug. 7.
Glitsch, Fritz W., & Sons: *See*—
Glitsch, Hans C., assignor.
Glitsch, Hans C., assignor to Fritz W. Glitsch & Sons, Dallas, Tex. Fastening device. 2,375,409; May 8.
Globe American Corporation: *See*—
Sherman, Alvin G., assignor.
Tolley, D. B., and Hill, assignors.
Globe Company, The: *See*—
Plecki, Frank, assignor.
Globe Hoist Company: *See*—
Thompson, Elmer B., assignor.
Globe Products Manufacturing Company: *See*—
Hellman, Paul, assignor.
Globe Slicing Machine Co. Inc.: *See*—
Waage, John J., assignor.
Globe-Union, Inc.: *See*—
Ehlers, G. M., Coldwell, and Kodama, assignors.
Globe Woven Belting Co.: *See*—
Wetherbee, Burt W., assignor.
Globus, Alfred R., Brooklyn, N. Y., assignor of eleven and one-ninth per cent to O. H. Henry, Caldwell, N. J., eleven and one-ninth per cent to J. C. Hartley, Silver Mine, Norwalk, Conn., and eleven and one-ninth per cent to H. D. Spencer, New York, N. Y. Electrolytically extracting metal. 2,385,269; Sept. 18.
Glock, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Making tin plate. 2,384,086; Sept. 4.
Gloor, Walter E., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose ether composition. 2,389,354; Nov. 20.
Gloss, Gunter H., Redwood City, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Manufacture of magnesium products. 2,390,095; Dec. 4.
Glossop, Glenn A., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,599; Aug. 28.
Glotfelty, Edwin H.: *See*—
Fankhouser, L. E., and Glotfelty.
Glover, John H.: *See*—
Callaghan, George H., assignor.
Glover, Ralph M., White Plains, assignor, by mesne assignments, to Box Blank Corporation, New York, N. Y. Carton or container. 2,377,472; June 5.
Glover, W. T., & Company Limited: *See*—
Beaver, C. J., Davey, and Pirie, assignors.
Glower, John H., Chicago, Ill. Extension stepladder. 2,383,962; Sept. 4.
Gluck, Bruno, Elstree, assignor to Dufay-Chromex Limited, London, England. Production of colored photographic images by color-development. 2,387,145; Oct. 16.
Gluckin, Edwin W., Brooklyn, N. Y. Brassière. 2,374,093; Apr. 17.
Gluckin, Harry, New York, N. Y. Brassière. 2,388,535; Nov. 6.
Gluckman, Abraham, Brooklyn, assignor to H. B. Delman, New York, N. Y. Ornamenting materials. 2,368,539; Jan. 30.
Glueck, Samuel: *See*—
Hess, W. C., and Glueck.
Gluesenkamp, Earl W., Centerville, Ohio, assignor to Monsanto Chemical Company. Purification of styrene. 2,370,346; Feb. 27.
Gluhareff, Michael E., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Tailless airplane with movable power-plant. 2,384,296; Sept. 4.
Glumer, Gustave V., assignor to Tuerca Victoria, S. A., Mexico City, Mexico. Nonloosening safety nut. 2,376,768; May 22.
Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Tread vulcanizing mold for tires. 2,370,655; Mar. 6.
Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Interchangeable matrix tread vulcanizing mold. 2,375,784; May 15.
Glynn, Edwin A., and S. Marvin, assignors to Super Mold Corporation of California, Lodi, Calif. Material screening and feeding mechanism. 2,372,776; Apr. 3.
Gmöhling, Karl: *See*—
Schmidt, M., and Gmöhling.
Gobble, Frank J.: *See*—
Davis, Cecil C., assignor.
Gobin dit Daudé, Jean E. F., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Riveting tool. 2,376,684; May 22.
Gobin dit Daudé, Jean E. F., Neuilly-Sur-Seine, France; vested in the Alien Property Custodian. Riveting tool. 2,378,546; June 19.
Gobin dit Daude, Jean E. F., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Fastener for detachably assembling two parts. 2,387,575; Oct. 23.
Goble, Ralph W.: *See*—
Greene, G. B., and Goble, assignors.
Goble, Ralph W., and O. V. Phillips, Long Beach, and D. K. Lippincott, San Francisco, assignors to Leo M. Harvey, La Canada, Calif. Terrain-level altimeter. 2,391,411; Dec. 25.
Goby, Clifford S., Cleveland, assignor of one-half to F. Kramer, Cleveland Heights, Ohio. Internal-combustion engine. 2,380,163; July 10.
Gocher, William S., Fairfield, A. J. Jennings, Bridgeport, Conn., and C. M. Langkammerer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber products. 2,370,457; Feb. 27.
Gocht, Rudolph C., assignor to The New Britain Machine Company, New Britain, Conn. Toolslide mechanism. 2,369,039; Feb. 6.
Godber, George R., Los Angeles, Calif. Closure means for container filling openings. 2,385,624; Sept. 25.
Goddard, Alfred W., and A. A. Hallett, Toronto, Ontario, Canada. Artificial bait. 2,384,993; Sept. 18.
Goddard, Asa C., Mentor, assignor by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Rotary recess milling devices. 2,372,374; Mar. 27.
Goddard, Asa C., Mentor, assignor to Jack & Heintz, Inc., Bedford, Ohio. Wire twisting device. 2,391,696; Dec. 25.
Goddard, Asa C., Mentor, and J. J. Seme, Maple Heights, assignors, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Bearing race extractor. 2,373,307; Apr. 10.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Rate-of-climb indicator. 2,379,293; June 26.
Goddard, Marcus J.: *See*—
Nagy, P., and Goddard.
Goddard, Myron C.: *See*—
Bascom, H. M., Goddard, and Walsh.
Goddard, Myron C., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,367,769; Jan. 23.
Goder, Richard, Chicago, Ill. Incinerator. 2,375,549; May 8.
Godfrey, Charles K., Los Angeles, Calif. Produce display fixture. 2,386,208; Oct. 9.
Godfrey, Donald V.: *See*—
Smith, A. N., and Godfrey.
Godfrey, Edward C., Detroit, Mich. Collet or collet pad. 2,374,192; Apr. 24.

Godfrey, Edwin A., Sacramento, Calif. Paper container for dynamite. 2,383,542; Aug. 28.
Godfrey, Kenneth L.: *See*—
Blake, E. S., and Godfrey.
Godfrey, Lawrence P., Leamington Spa, England, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,366,610; Jan. 2.
Godin, Charles, Portland, Oreg. Protective case for watches. 2,384,549; Sept. 11.
Godlewski, John P., Detroit, Mich. Fishing lure. 2,387,-255; Oct. 23.
Godowsky, Leopold, Jr.: *See*—
Mannes, L. D., and Godowsky.
Godsey, Frank W., Jr., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,374,008; Apr. 17.
Godshalk, Alva J., Downers Grove, assignor to Inland Steel Container Co., Chicago, Ill. Container. 2,374,481; Apr. 24.
Godshalk, James B., assignor to Leeds & Northrup Company, Philadelphia, Pa. Half cells with thermal barrier. 2,387,727; Oct. 30.
Goebel, Joseph P., Detroit, Mich. Water scoop for locomotive tender. 2,370,347; Feb. 27.
Goepel, C. P.: *See*—
von Bültzingslöwen, Bruno, assignor.
Goepfert, Otto F., Brevard, N. C., assignor to Champagne Paper Corporation. Machine for applying fasteners to paper booklets. 2,390,096; Dec. 4.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,372,322; Mar. 27.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,374,536; Apr. 24.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake actuating means. 2,376,685; May 22.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,376,686; May 22.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Making brake actuating means. 2,381,736; Aug. 7.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,384,297; Sept. 4.
Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,389,618; Nov. 27.
Goepfrich, Rudolph A., South Bend, Ind., and J. W. White, Van Nuys, Calif., assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,379,144; June 26.
Goepfrich, Rudolph A., and B. E. House, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,381,737; Aug. 7.
Goepp, Rudolph M., Jr., New Castle, assignor to Atlas Powder Company, Wilmington, Del. Tobacco compositions. 2,371,389; Mar. 13.
Goepp, Rudolph M., Jr., New Castle, assignor to Atlas Powder Company, Wilmington, Del. Vinyl resin compositions. 2,387,841; Oct. 30.
Goerg. Bernard, Bronxville, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,386,160; Oct. 2.
Goerz. C. P., American Optical Company: *See*—
Durand, Milo A., assignor.
Kirsch, Paul, assignor.
Goeth, Richard L.: *See*—
Cuyler, R. H., and Goeth.
Goetz, Maurus T., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,382,558; Aug. 14.
Goetz, Maurus T., assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,388,965; Nov. 13.
Goetze, Max G., East Cleveland, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,380,747; July 31.
Goetzel, Claus G., assignor to American Electro Metal Corporation, Yonkers, N. Y. Molding under pressure metallic powders. 2,386,604; Oct. 9.
Goff, Harold E., Millbury, Mass., and W. F. Daboll, Greenville, S. C., assignors to Watson-Williams Manufacturing Company, Millbury, Mass. Loom shuttle. 2,377,079; May 29.
Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,372,268; Mar. 27.
Goff, Lindsay O., Westbrook, and F. H. Frost, Portland, Maine, assignors, by mesne assignments, to S. D. Warren Company, Boston, Mass. Method of and apparatus for coating sheet material. Re. 22,605; Feb. 20.
Goff, Robert F.: *See*—
Shotwell, H. C., and Goff.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Switch actuating mechanism. 2,369,964; Feb. 20.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,379,704; July 3.
Goff, Robert W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,390,365; Dec. 4.
Goff, William B., Tucson, Ariz. Bolt action pump gun. 2,368,708; Feb 6.
Goggin, David E., Brooklyn, assignor to F. J. Kennan, Hoboken, N. J. Heating apparatus. 2,387,437; Oct. 23.
Goggin, William C.: *See*—
Hanson, A. W., and Goggin.
Goggin, William C., L. A. Matheson, and A. W. Hanson, assignors to The Dow Chemical Company, Midland, Mich. Apparatus for stretching cordage. 2,372,627; Mar. 27.
Gohlke, Helen: *See*—
Gohlke, Theodore E., assignor.
Gohlke, Theodore E., assignor of one-half to H. Gohlke, Detroit, Mich. Belt drive reversing unit. 2,390,582; Dec. 11.
Gohn, Joseph F: *See*—
Witthofft, Charles H., assignor.
Golan, Leonard J., assignor to E. V. Lapczenski, Buffalo, N. Y. Theft resisting nut and wrench combination. 2,372,269; Mar. 27.
Goland, Philip P., and C. R. Drew, Washington, D. C., assignors of two-fifths to said Goland, two-fifths to said Drew, as trustees, and one-fifth to A. D. Kessler. Surgical needle. 2,389,355; Nov. 20.
Golay, Marcel J. E., Long Branch, N. J. Antiaircraft flare. 2,381,443; Aug. 7.
Gold, Archibald: *See*—
Mendez, Ciro F., assignor.
Gold, Henry, and R. Paul, assignors to I. Gold, Chicago, Ill. Pull toy. 2,380,748; July 31.
Gold, Ira: *See*—
Gold, H., and Paul, assignors.
Gold, Jacob D., Brooklyn, N. Y. Molding composition. 2,371,688; Mar. 20.
Gold, Louis, Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Method of coating. 2,373,823; Apr. 17.
Gold, Raymond H., and S. Wasserman, assignors of one-third to J. Chaplick, Chicago, Ill. Rotary engine. 2,371,514; Mar. 13.
Gold, Sam, Chicago, Ill., assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Blinker signaling device. 2,377,414; June 5.
Goldbeck, Martin, Kansas City, Mo. Silo door. 2,367,720; Jan. 23.
Goldberg, Carl, Chicago, Ill., assignor to Comet Model Airplane & Supply Company, Incorporated. Wind tunnel balance. 2,380,516; July 31.
Goldberg, H.: *See*—
Loewe, P. L., and Boyce, assignors.
Scherry, George A., assignor.
Goldberg, Henry, et al.: *See* —
Goldberg, H., and Meyers.
Goldberg, Michael J., Pittsburgh, Pa. Shoe heel. 2,370,951; Mar. 6.
Goldberg, Nathan C., New York, N. Y. Bedspring. 2,371,099; Mar. 6.
Goldberg, Nathan C., New York, N. Y. Spring structure. 2,382,990; Aug. 21.
Goldberg, Simon, New York, N. Y., assignor to Super Electric Products Corp., Jersey City, N. J. High frequency coil. 2,391,563; Dec. 25.
Goldberg, Sydney J.: *See*—
Klemperer, W. B., and Goldberg.
Goldbert, Max L., New York, N. Y. Dispensing device. 2,366,963; Jan. 9.
Goldbert, Max L., New York, N. Y. Atomizer. 2,385,807, Oct. 2.
Goldbert, Max L., New York, N. Y. Atomizer. 2,385,808; Oct. 2.
Goldbert, Max L., New York, N. Y. Display container. 2,391,453; Dec. 25.
Golden, John A., San Diego, Calif. Dowel setting machine. 2,389,773; Nov. 27.
Golden, John V., Stamford, Conn. Watercraft. 2,377,143; May 29.
Golden State Company, Ltd.: *See*—
Manning, P. D. V., and Trone, assignors.
Peebles, David D., assignor.
Goldenberg, Harry, assignor of one-third to H. Goldenberg, and one-third to C. E. Meyers, Philadelphia, Pa. Window construction. 2,383,852; Aug. 28.
Goldfarb, Jacob A., Frankfort, and E. J. Moore, Bowling Green, assignors to Union Underwear Co., Inc., Frankfort, Ky. Shorts. 2,384,165; Sept. 4.
Goldfarb, Samuel J.: *See*—
Kovitz, Pearl B., assignor.
Goldfield, Edwin R., R. C. Schiring, and R. J. Stava, University Heights, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray generating means. 2,369,453; Feb. 13.
Goldfield, Edwin R., R. C. Schiring, and R. J. Stava, University Heights, assignors to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Collapsible support for X-ray tubes. 2,369,454; Feb. 13.
Goldfine, Wesley R., assignor to Airoast Corporation, Chicago, Ill. Roasting coffee or the like. 2,381,493; Aug. 7.
Goldman, Harry, New York, N. Y., assignor to Worcester Cap Company, Boston, Mass. Uniform cap. 2,368,825; Feb. 6.

Goldman, Maurice A., New Brunswick, N. J., assignor, by mesne assignments, to Saco-Lowell-Shops, Biddeford, Maine. Manufacture of paper. 2,389,254; Nov. 20.
Goldman, Paul R., Andover, Mass. Wooden building construction. 2,380,834; July 31.
Goldman, Paul R., Andover, assignor to Plymold Corporation, Lawrence, Mass. Veneer strip, coils thereof, and preparing same. 2,388,479; Nov. 6.
Goldsborough, Shirley L.: *See*—
Mehring, A. C., and Goldsborough.
Sonnemann, W. K., Mehring, and Goldsborough.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier relaying. 2,372,078; Mar. 20.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Loop-type impedance-relay or the like. 2,380,164; July 10.
Goldsborough, Shirley L., Basking Ridge, and A. C. Mehring, East Orange, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-loop directional element. 2,380,165; July 10.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Directional ground preference relaying. 2,381,277; Aug. 7.
Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Modified-impedance carrier relay. 2,386,209; Oct. 9.
Goldsby, Arthur R., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,370,030; Feb. 20.
Goldsby, Arthur R., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,383,056; Aug. 21.
Goldsby, Arthur R., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,387,508; Oct. 23.
Goldschmidt, Max, and J. E. Moyal, assignors to Metalastik Limited, Leicester, England. Hinge joint. 2,367,861; Jan. 23.
Goldsmith, Alfred N., New York, N. Y. Television transmitting system. 2,381,901; Aug. 14.
Goldsmith, Alfred N., New York, N. Y. Television transmitting system. 2,381,902; Aug. 14.
Goldsmith, Alfred N., New York, N. Y. Color television system. 2,389,039; Nov. 13.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Wave control circuit. 2,367,116; Jan. 9.
Goldsmith, Alfred N., assignor to Radio Corporation of America, New York, N. Y. Television apparatus. 2,384,260; Sept. 4.
Goldsmith, Bertram J., Neshanic, N. J., assignor to General Ribbon Mills, Inc., New York, N. Y. Automatic article selecting system and apparatus. 2,374,537; Apr. 24.
Goldsmith, Francis H.: *See*—
Dally, R., Goldsmith, and Monroe.
Goldsmith, Thomas T., Jr., Cedar Grove, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Television film recording and projection. 2,373,114; Apr. 10.
Goldsmith, Thomas T., Jr., Cedar Grove, assignor to Allen B. DuMont Laboratories, Inc., Passaic, N. J. Monitoring device for television systems. 2,391,090; Dec. 18.
Goldsmith, William M., Cincinnati, Ohio. Partition structure. 2,387,389; Oct. 23.
Goldstein, C. M.: *See*—
Parker, Thomas A., assignor.
Goldstein, David D., Pittsburgh, Pa. Sole for footwear. 2,377,144; May 29.
Goldstein, David D., New York, N. Y. Footwear and its manufacture. 2,382,559; Aug. 14.
Goldstein, Eda H., et al., executors: *See*—
Hommel, Oscar.
Goldstein, Ladislas, and F. Perrin, assignors to Canadian Radium & Uranium Corporation, New York, N. Y. Glow discharge lamp. 2,374,677; May 1.
Goldstein, Louis: *See*—
Henry, Robert J., assignor.
Goldstein, Philip, Bridgewater, and H. R. Gillette, Boston, Mass., assignors to Federal Electric Co., Inc., Chicago, Ill. Making a fibrous thermoplastic product. 2,376,687; May 22.
Goldstein, Philip, Bridgewater, and H. R. Gillette, Boston, Mass., assignors to Federal Electric Co., Inc., Chicago, Ill. Thermoplastic fibrous product. 2,376,688; May 22.
Goldstine, Hallan E.: *See*—
Dow, O. E., and Goldstine.
Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Reduction of selective fading. 2,389,356; Nov. 20.
Goldthwait, Charles F., New Orleans, La., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Producing surgical bandages with improved elastic properties. 2,379,574; July 3.
Golick, Alexander J., and T. W. Dike, assignors to I. F. Laucks, Inc., Seattle, Wash. Plywood and preparing the same. 2,368,466; Jan. 30.
Golick, Joseph: *See*—
Briskin, T. S., and Golick.
Goller, George N., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Thermocouple tube. 2,384,024; Sept. 4.
Gollmar, Herbert A., Mount Lebanon, assignor, by mesne assignments, to Koppers Company, Incorporated, Pittsburgh, Pa. Gas purification process. 2,379,076; June 26.
Gollmar, Herbert A., Caldwell, N. J., and H. J. Meredith, New York, N. Y., assignors, by mesne assignments, to Koppers Company, Inc. Cyclic process for producing alkali-metal ferrocyanides. 2,378,403; June 19.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,367,395; Jan. 16.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,375,842; May 15.
Gollwitzer, Walter T., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,390,583; Dec. 11.
Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Embossing machine. 2,391,777; Dec. 25.
Golob, John E.: *See*—
Dircksen, A. D., and Golob.
Gomberg, Jacob, Chicago, Ill. Yarn bobbin. 2,371,756 Mar. 20.
Gondek, John T., and R. C. Wilson, assignors to Northern Pump Company, Minneapolis, Minn. Relief valve. 2,375,410; May 8.
Gonser, John C., Lansing, Mich. Meat saw cradle. 2,375,644; May 8.
Gonyou, Eugene: *See*—
Goode, G. C., and Gonyou.
Sherman, V. W., and Gonyou.
Gonzer, Earnest P., Romulus, Mich. Fluid power device. 2,376,536; May 22.
Good, Albert P.: *See*—
Vielehr, O. A., Umsted, and Good.
Good, Frederick C., assignor to Pecora Paint Company, Philadelphia, Pa. Calking gun and operating mechanism therefor. 2,367,346; Jan. 16.
Good, Frederick C., assignor to Pecora Paint Company, Philadelphia, Pa. Calking gun and operating mechanism therefor. 2,367,347; Jan. 16.
Good, John N., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Protection means. 2,367,575; Jan. 16.
Good, Moses B.: *See*—
Breen, W. F., and Good.
Goodale, Elmer D., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Electrical circuit. 2,370,399; Feb. 27.
Goodale, Lynn C., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Making lead-in seals. 2,384,833; Sept. 18.
Goode, Bruce, assignor of one-half to J. P. McHargue, Midland, Tex. Loading rack. 2,368,016; Jan. 23.
Goode, Gilbert C., Birmingham, and E. Gonyou, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Two speed generator drive. 2,375,785; May 15.
Goode, Joseph T., assignor to H. A. Bell, Los Angeles, Calif. Attenuator. 2,388,049; Oct. 30.
Goodell, Edward G., Stevens Point, Wis. Method and apparatus for recovering inorganic by-products from waste pulp liquor. 2,391,566; Dec. 25.
Goodhue, William V.: *See*—
Bell, C. C., and Goodhue.
Goodhue, William V., Ipswich, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Mounting. 2,389,726; Nov. 27.
Gooding, Chester M., Staten Island, assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Inhibiting growth of molds. 2,379,294; June 26.
Goodings, Eric P., and M. A. T. Rogers, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of new coloring matters. 2,385,855; Oct. 2.
Goodlake, Frederick D., Heth, Ark. Spring wheel. 2,380,749; July 31.
Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Producing a filter medium. 2,382,560; Aug. 14.
Goodloe, Alfred M., Montclair, and L. A. Kisch, Little Falls, assignors to Metal Textile Corporation, West Orange, N. J. Detachably mounting strainer bags. 2,381,949; Aug. 14.
Goodman, Harry, Britton, and R. M. Wolfe, Oklahoma City, Okla. Electrical switch. 2,373,557; Apr. 10.
Goodman, James T., Louisville, Ky. Pouring dispenser. 2,368,540; Jan. 30.
Goodman, Kenneth C., Columbus, Ohio. Locking means for race horse starting gates. 2,381,903; Aug. 14.
Goodman, Leo A., assignor of one-half to Marcleph & Co. Inc., Brooklyn, N. Y. Reinforced artificial casing for food products. 2,384,462; Sept. 11.

Goodman Manufacturing Company: *See*—
Andershock, Chester E., assignor.
Arentzen, Einar M., assignor.
Barry, Robert L., assignor.
Beck, William R., assignor.
Bergmann, Ernst R., assignor.
Bigelow, Roy S., assignor.
Cartlidge, Frank, assignor.
Doberstein, Edward J., assignor.
Holstein, John H., assignor.
Madeira, John R., assignor.
McCullough, William T., assignor.
Sloane, William W., assignor.
Wood, Claude O., assignor.

Goodman, Martin, New York, and D. Lance, Brooklyn, assignors to The Neatform Co. Inc., New York, N. Y. Lady's panty. 2,382,477; Aug. 14.

Goodman, Morris, Miami Beach, Fla. Display holder for brooches. 2,380,688; July 31.

Goodman, Willard B., Los Angeles, Calif., assignor to Wright Aeronautical Corporation. Internal-combustion engine. 2,366,852; Jan. 9.

Goodmans Industries Limited: *See*—
Miller, John W., assignor.

Goodrich, B. F., Company, The: *See*—
Alexander, C. H., and Tucker, assignors.
Beebe, John D., assignor.
Browning, George L., Jr., assignor.
Browning, G. L., Jr., Stewart, and Zwicker, assignors.
Browning, G. L., Jr., and Zwicker, assignors.
Cerny, Elmer J., assignor.
Colley, R. S., and Krupp, assignors.
Collier, William B., assignor.
Compton, Jack, assignor.
Craig, David, assignor.
Crawford, Richard A., assignor.
Davis, Edward A., assignor.
Davis, Herbert L., assignor.
Flink, John H., assignor.
Fryling, Charles F., assignor.
Fryling, C. F., and Semon, assignors.
Garvey, Benjamin S., Jr., assignor.
Gibbs, Carlin F., assignor.
Glidden, Alfred A., assignor.
Gresham, Thomas L., assignor.
Gruber, Elbert E., assignor.
Hahn, Stuart H., assignor.
Harrison, Stuart A., assignor.
Hasselquist, Victor H., assignor.
Hasselquist, V. H., and Freeman, assignors.
Herzegh, Frank, assignor.
Hunter, Willson H., assignor.
Jansen, Jacob E., assignor.
Jones, Paul C., assignor.
Kmentt, Waldemar D., assignor.
Krotz, Alvin S., assignor.
Krupp, Carroll P., assignor.
Küng, Frederick E., assignor.
Kung, Frederick E., assignor.
Leguillon, C. W., and Young, assignors.
Macey, Joseph H., assignor.
Mayne, Robert, assignor.
Martin, Frederick H., assignor.
Mathes, Roger A., assignor.
Morgan, Burton D., assignor.
Peterson, E., and Merrill, assignors.
Purdon, James R., assignor.
Rehner, John, Jr., assignor.
Reimel, Samuel R., assignor.
Sarbach, Donald V., assignor.
Sauser, Doran E., assignor.
Schanz, George H., assignor.
Schoenfeld, Frank K., assignor.
Semon, Waldo L., assignor.
Semon, W. L., and Craig, assignors.
Semon, W. L., and Fryling, assignors.
Semon, W. L., and Stewart.
Semon, W. L., and Stewart, assignors.
Sloan, Arthur W., assignor.
Smith, John A., assignor.
Spicer, Alvin W., assignor.
Starner, Irving F., assignor.
Sternad, F. S., and Sapp.
Sternad, F. S., and Sapp, assignors.
Stewart, William D., assignor.
Stewart, W. D., assignor.
Stewart, W. D., and Zwicker, assignors.
Stover, Albert M., assignor.
Taft, George H., assignor.
Taylor, Myron L., assignor.
Tritt, Forest G., assignor.
Trockle, F. E., McClellan, and Simpson, assignors.
Tucker, Harold, assignor.
Wigal, Voorhis F., assignor.
Young, Harvey L., assignor.
Zwicker, Benjamin M. G., assignor.
Zwicker, B. M. G., and Stewart, assignors.

Goodrich, Chauncey M: *See*—
Davies, G. V., Parr, and Goodrich.

Goodrich, Hobert R., Glendale, and G. Sucetti, Huntington Park, Calif., assignors to Universal Zonolite Insulation Co., Chicago, Ill. Waterproofed lightweight materials and their manufacture. 2,377,491; June 5.

Goodrich, Robert R., Merchantville, N. J., assignor to Radio Corporation of America. Current limiter. 2,384,087; Sept. 4.

Goodson, Louis H.: *See*—
Walter, L. A., and Goodson.

Goodwin, Alfred E., Ottumwa, Iowa. Inking mechanism for duplicating machines. 2,387,390; Oct. 23.

Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Paper article and forming it. 2,368,920; Feb. 6.

Goodwin, Carl W., North Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Die press. 2,371,580; Mar. 13.

Goodwin, Carl W., North Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Paper screw cap. 2,382,873; Aug. 14.

Goodwin, Carl W., North Plainfield, N. J., and H. W. Martin, Malverne, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Forming press. 2,371,581; Mar. 13.

Goodwin, Carl W., North Plainfield, N. J., and H. W. Martin, Malvern, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Hood closure cap. 2,379,959; July 10.

Goodwin, Donald W., assignor to Chiksan Tool Company, Brea, Calif. Controlled swivel joint. 2,388,841; Nov. 13.

Goodwin, Eugene W., Bethesda, Md. Sectional sliding door. 2,373,023; Apr. 3.

Goodwin, George I., Detroit, Mich. Clutch plate. 2,380,835; July 31.

Goodwin, Henry C., Galveston, Tex. Time controlled selector mechanism for radio receivers. 2,366,726; Jan. 9.

Goodwin, Raymond W., Cleveland Heights, Ohio, assignor to General Electric Company. Glass composition. 2,389,305; Nov. 20.

Goodwin, Thomas F., Muldrow, Okla. Attachment for musical string instruments. 2,380,689; July 31.

Goodyear Aircraft Corporation: *See*—
Klingensmith, John P., assignor.

Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Container. 2,387,325; Oct. 23.

Gookin, Sylvester R., Marshfield, Mass, assignor to United Shoe Machinery Corporation, Flemington, N. J. Rivet. 2,369,670; Feb. 20.

Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastener inserting machine. 2,374,345; Apr. 24.

Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation. Flemington, N. J. Raceway clearing device. 2,390,066; Dec. 4.

Goran, Steven J., assignor to The Louis Allis Company, Milwaukee, Wis. Making cast squirrel cage rotors. 2,368,295; Jan. 30.

Goran, Steven J., assignor to The Louis Allis Company, Milwaukee, Wis. Rotor construction. 2,368,296; Jan. 30.

Goran, Steven J., assignor to The Louis Allis Company, Milwaukee, Wis. Cast squirrel cage rotor. 2,370,458; Feb. 27.

Gordineer, Percy J., and G. J. McInnis, Niagara Falls, N. Y. Fluid system interconnector. 2,375,914; May 15.

Gordon, Britton L.: *See*—
Day, R. O., and Gordon.

Gordon, Chester S., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,372,323; Mar. 27.

Gordon, David, Bridgeport, Conn. Device for aiding night vision. 2,374,991; May 1.

Gordon, Donald B.: *See*—
Halicki, W. A., and Gordon.

Gordon, Harry W., Worcester, assignor to United States Envelope Company, Springfield, Mass. String binder assemblage and package. 2,382,143; Aug. 14.

Gordon, Herman L., Silver Spring, Md. Wire connector. 2,370,725; Mar. 6.

Gordon, Herman L., Silver Spring, Md. Piezoelectric crystal holder. 2,380,592; July 31.

Gordon, Hiram, assignor to The Walker T. Dickenson Company, Columbus, Ohio. Shoe and producing the same. 2,369,226; Feb. 13.

Gordon, John, Seattle, Wash. Spring blade reamer. 2,380,517; July 31.

Gordon, Murray: *See*—
Wulstein, Charles, assignor.

Gordon, Reuben, Jamaica, N. Y. Wire-stripping device. 2,383,479; Aug. 28.

Gordon, Ronald A., New York, N. Y. Roll for typewriters. 2,389,499; Nov. 20.

Gordon, Samuel, Stamford, Conn. Dental plate container. 2,375,645; May 8.

Gordon, William A., Shelton, assignor to Farrel-Birmingham Company, Inc., Ansonia, Conn. Treating rubber. 2,370,952; Mar. 6.

Gordon, William G., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Separation of protein from animal matter containing protein in water-soluble form. 2,377,624; June 5.

Gore, Albert J., Washington, D. C. Attachment for filing cases. 2,369,348; Feb. 13.

Gore, John H.: *See*—
Winkler, A. H., and Gore.
Gore, Linn A., Schenectady, N. Y., assignor to General Electric Company. Governing mechanism. 2,367,209; Jan. 16.
Gore, Lloyd B., Vancouver, British Columbia, Canada. Alarm device for internal-combustion engines. 2,380,643; July 31.
Gorey, Archie H., L. D. Nadel, R. J. Nitsch, and O. Steiner, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Automatic aerial camera. 2,371,592; Mar. 13.
Gorey, Archie H., L. D. Nadel, and R. J. Nitsch, assignors to The Folmer Graflex Corporation, Rochester, N. Y. Motor-driven shutter-release mechanism for automatic cameras. 2,371,593; Mar. 13.
Gorin, Everett, Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Anhydrous halogen acids. 2,382,788; Aug. 14.
Gorin, Manuel H., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Catalytic process. 2,383,123; Aug. 21.
Gorman, John P., Stratford, Conn. Grinding chasers. 2,371,515; Mar. 13.
Gorman, William R., New York, N. Y. Holding and applying cosmetic to the lips. 2,372,777; Apr. 3.
Gormly, Horace C., Alhambra, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Controlling gasoline stabilizer operation. 2,367,862; Jan. 23.
Gorsuch, Robert A., Gambier, Ohio. Game and game apparatus. 2,366,782; Jan. 9.
Gorton, Edward S., Mobile, Ala. Packing means for harvested vegetables. 2,386,308; Oct. 9.
Gorton, Edward S., Waterville, Maine. Separator. 2,391,412; Dec. 25.
Gorton, George, Machine Co.: *See*—
Miller, Theodore, assignor.
Gorton, Robert E., assignor to United Aircraft Corporation, East Hartford, Conn. Resilient mount. 2,377,492; June 5.
Gorton, Walter T., Springfield, Mass. Pressure gauge. 2,372,195; Mar. 27.
Gorton, William S., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,374,992; May 1.
Goshorn, Roland H., Trenton, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines. 2,389,500; Nov. 20.
Gosnell, Earl J.: *See*—
Kantrowitz, M. S., and Gosnell, assignors.
Goss Printing Press Company, The: *See*—
Crafts, Curtis S., assignor.
Harless, Charles A., assignor.
Taylor, A., and Worthington, assignors.
Whitehead, William A., assignor.
Worthington, Emory W., assignor.
Goss, Worth C., assignor to W. A. Carlisle, Sr., Seattle, Washington. Apparatus for preparation of carbon. 2,390,067; Dec. 4.
Gossard, H. W., Co., The: *See*—
Wipperman, H., and Martin, assignors.
Gosselin, Wilfred J., Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Shuttle. 2,387,438; Oct. 23.
Gosslau, Fritz, Berlin-Charlottenburg, and J. Schmidt, Berlin-Eichkamp, Germany; vested in the Alien Property Custodian. Aircraft engine control. Re. 22,661; Aug. 7.
Gosslau, Fritz, Berlin-Charlottenburg, J. Schmidt, Berlin-Eichkamp, and G. Weiche, Berlin-Reinickendorf, Germany; vested in the Alien Property Custodian. Charge former. 2,369,665; Feb. 20.
Gosslau, Fritz, Berlin-Charlottenburg, J. Schmidt, Berlin-Eichkamp, and W. Zarnack, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Device for regulating internal-combustion engines. 2,382,707; Aug. 14.
Gossling, Clement E., Toronto, Ontario, Canada, assignor to Rogers Majestic Corporation, Dover, Del. Speed control system. 2,390,144; Dec. 4.
Gotberg, Harry H., assignor to Colonial Broach Company, Detroit, Mich. Apparatus for broaching. 2,372,823; Apr. 3.
Gotberg, Harry H., assignor to Colonial Broach Company, Detroit, Mich. Broach sharpening machine. 2,388,785; Nov. 13.
Gotha, Daniel F., assignor to O. S. Walker Co. Inc., Worcester, Mass. Fabrication of electric chucks. 2,388,737; Nov. 13.
Gotham, Maximilian, Great Neck, N. Y. Depilatory pad. 2,377,774; June 5.
Göthberg, Karl E. A., J. T. Ruist, and J. H. E. Thorén, Goteborg, Sweden, assignors, by mesne assignments, to SKF Industries, Inc., Philadelphia, Pa. Pneumatic lubricating device. 2,367,721; Jan. 23.
Gott, Gordon E.: *See*—
Habib, E. E., and Gott.
Gottfried, Eva E., administratrix: *See*—
Gottfried, Steven S.
Gottfried, Jacob B.: *See*—
Monte, R. N., and Gottfried.
Gottfried, Steven S., deceased; E. E. Gottfried, administratrix, assignor to Bureau for Financial Advice, Inc., New York, N. Y. Treating furs. 2,383,963; Sept. 4.
Gotthoffer, Nathan R.: *See*—
Epstein, C. H., and Gotthoffer.
Gottlieb, Harold A., Brooklyn, N. Y. Collapsible shipping and display carton. 2,375,843; May 15.
Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Flow control apparatus. 2,380,836; July 31.
Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Governor apparatus. 2,385,201; Sept. 18.
Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control apparatus. 2,389,040; Nov. 13.
Gottlieb, Nathan: *See*—
Reardon, J. D., and Gottlieb.
Gottschalk, Frederick W., and H. W. Angell, Chicago, Ill., assignors to American Lumber & Treating Co. Kiln drying. 2,380,518; July 31.
Gottwald, Christian, Cleveland Heights, assignor to The Ric-wil Company, Cleveland, Ohio. Expansion means. 2,378,214; June 12.
Götzlinger, Julius, Vasteras, Sweden. Snow hurler. 2,369,293; Feb. 13.
Gougeon, Russell A., Ecorse, Mich. Thermal responsive device. 2,367,117; Jan. 9.
Gould, Charles: *See*—
Dial, W. R., and Gould.
Gould, David F.: *See*—
Maguire, J. B., and Gould.
Gould, David F., Riverton, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Production of high-purity aromatic hydrocarbons. 2,389,041; Nov. 13.
Gould & Eberhardt: *See*—
Davenport, Granger, assignor.
Zimmermann, William F., assignor.
Gould, Franklin M.: *See*—
Pizzirani, D. A., Gould, and Avedikian.
Gould, Gardner S., Lunenburg, Mass. Apparatus for grinding duplicate parts. 2,372,824; Apr. 3.
Gould, Joseph A., Philadelphia, Pa. Felting method and machine. 2,372,484; Mar. 27.
Gould, William L., Albany, N. Y. Shoe or similar footwear. 2,379,000; June 26.
Goulding, John P.: *See*—
Conn, R. C., Adams, and Goulding.
Lecher, H. Z., and Goulding.
Lecher, H. Z., Goulding, and Parker.
Goulding, John P., Neshanic Station, N. J., assignor to American Cyanamid Company, New York, N. Y. Separation of aromatic amines from iron sludge. 2,385,504; Sept. 25.
Goulds Pumps, Inc.: *See*—
Landberg, Erik G., assignor.
Mann, John, assignor.
Goulooze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,371,987; Mar. 20.
Gove, Otis N., and L. L. Miller, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Routing apparatus. 2,380,750; July 31.
Government of the United States, as represented by the Secretary of the Interior: *See*—
Dean, Reginald S., assignor.
Gowland, John P., Woking, England. Apparatus for casting hollow metal articles. 2,380,751; July 31.
Grabau, Martin: *See*—
Land, E. H., and Grabau.
Grabau, William C., Brighton, Mass., assignor to Submarine Signal Company, Boston, Mass. Voltage regulator. 2,367,210; Jan. 16.
Grabau, William C., assignor to Submarine Signal Company, Boston, Mass. Voltage regulator. 2,390,214; Dec. 4.
Grabb, Raymond W.: *See*—
Boyles, H., and Grabb.
Gräbener, Heinz, Cologne-Ehrenfeld, Germany; vested in the Alien Property Custodian. Closure for containers. 2,382,051; Aug. 14.
Graber, John N., Madison, Wis. Traverse rod. 2,369,227; Feb. 13.
Grabowski, Joseph: *See*—
Schroy, P. C., Grabowski, and Scott.
Grabus, Andrew P., Jr., and A. H. Warth, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Sealing containers. 2,387,439; Oct. 23.
Grabus, Paul, Jr.: *See*—
Warth, A. H., and Grabus.
Gracey, James H., Springfield, Mass. Expansion reamer. 2,381,899; Aug. 14.
Grad, Adolf R., Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Control for hydraulic transmissions. 2,368,017; Jan. 23.
Grad, Adolf R., Wauwatosa, assignor to The Oilgear Company, Milwaukee, Wis. Surface broaching machine. 2,372,825; Apr. 3.
Gradisar, Albin A.: *See*—
Guellich, G. E., and Gradisar.
Peck, W. F., and Gradisar.
Grady, Elizabeth A.: *See*—
Clifford, Theodore A., assignor.

Grady, Jessie B., Pasadena, Calif. Airplane propeller. 2,373,825; Apr. 17.
Grady, Thomas R., assignor, by mesne assignments, to The Walk-A-Chair Corporation, Washington, D. C. Wheeled invalid chair. 2,369,040; Feb. 6.
Graenacher, Charles: *See*—
Albrecht, O., Graenacher, and Sallmann.
Graenacher, Charles, Riehen, R. Sallmann, Bottmingen, O. Albrecht, Muenchenstein, and J. Frei, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Improving fibrous material and the material treated by such process. 2,370,031; Feb. 20.
Graenacher, Charles, Riehen, R. Sallmann, Bottmingen, and J. Frei, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Hydrazides containing hydroxyalkyl radicals and making same. 2,371,133; Mar. 13.
Graenacher, Charles, Riehen, and P. Streuli and J. Meyer, assignors to the Swiss Company of Society of Chemical Industry in Basle, Basel, Switzerland. Derivatives of sulphonated amines and process of preparing same. 2,376,911; May 29.
Grafton, Corydon M., Grosse Pointe, Mich., assignor to United States Rubber Company, New York, N. Y. Rubber bonding medium. 2,373,308; Apr. 10.
Graham, Adelbert M.: *See*—
Johnston, M. O., Andrew, Graham, and Smith.
Graham, Arthur K., Jenkintown, Pa., and C. V. Smith and F. P. Williams, assignors to The Univis Lens Company, Dayton, Ohio. Plating rack for optical dies. 2,372,567; Mar. 27.
Graham, Benjamin O., St. Louis, Mo. Water silencer. 2,377,011; May 29.
Graham, David P.: *See*—
Vroom, R. C., and Graham.
Graham, Donald P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anthraquinonylamino substitution derivatives of cyanuric chloride. 2,373,826; Apr. 17.
Graham, Frank M., Indianapolis, Ind. Fan wheel. 2,375,220; May 8.
Graham, George M., Detroit, assignor to Hinckley-Myers Division of Kent-Moore Organization, Inc., Jackson, Mich. Tensiometer. 2,368,757; Feb. 6.
Graham, George M., Detroit, assignor to Hinckley-Meyers Division of Kent-Moore Organization Inc., Jackson, Mich. Puller tool. 2,374,861; May 1.
Graham, Harold J., Boston, Mass. Motor starting circuits and resistance unit for use therein. 2,384,025; Sept. 4.
Graham, James B., Mount Lebanon, Pa., assignor to National Tube Company. Pipe joint. 2,380,690; July 31.
Graham, Maurice H., St. Louis Park, Minn. Process and apparatus for making infusions. 2,385,132; Sept. 18.
Graham, Robert C., Rome, assignor to General Cable Corporation, New York, N. Y. Connector. 2,389,255; Nov. 20.
Graham, Robert E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television system. 2,378,547; June 19.
Graham Transmissions Inc.: *See*—
Jones, Lloyd E., assignor.
Graham, Virginia S., Los Angeles, Calif. Hair waving device. 2,377,877; June 12.
Graham, Walter A.: *See*—
Whittaker, C. C., and Graham.
Graham, William F., Birmingham, Ala. Awning and operating means therefor. 2,378,139; June 12.
Graham, William R., Jr., Kansas City, Kans., and C. W. McCarty, assignors to American Dairies, Incorporated, Kansas City, Mo., and to The Quaker Oats Company, Chicago, Ill. Composition for producing a dark colored brew from legumes. 2,369,041; Feb. 6
Graham, William R., Jr., Kansas City, Kans., and C. W. McCarty, assignors to American Dairies, Incorporated, Kansas City, Mo., and to The Quaker Oats Company, Chicago, Ill. Composition for producing a dark colored brew from grasses. 2,369,042; Feb. 6.
Graham, William R., Jr., Kansas City, Kans., and E. E. Frye, assignors to American Dairies, Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Grass composition for producing a potable brew. 2,376,049; May 15.
Gralow, Bruce B., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of hydroquinone. 2,373,887; Apr. 17.
Gramelspacher, Clarence U., assignor to Jasper Wood Crafters, Inc., Jasper, Ind. Veneer molding process. Re. 22,687: Nov. 6.
Granberg, Bengt R., and G. H. Ekstrom, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Feed screw mechanism. 2,371,045: Mar. 6.
Grand Rapids Hardware Company: *See*—
Viehweger, August, assignor.
Grand Specialties Company: *See*—
Sasgen, Anthony M., assignor.
Grandel, Felix, Emmerich, Rhine, Germany; vested in the Alien Property Custodian. Preparation of anhydrous compounds of the pentitols. 2,375,915; May 15.
Grandmaison, Denis, Markstay, Ontario, Canada. Universal joint and ratchet device. 2,378,369; June 12.
Grandstaff, Otho D., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Line detecting apparatus. 2,387,897; Oct. 30.
Granholm, Robert A., Lyndhurst, Ohio. Anchorage screw bushing. 2,376,689; May 22.
Grannan, Clara M., Indianapolis, Ind. Cap. 2,381,738; Aug. 7.
Granqvist, Carl-Erik, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Distance measuring device. 2,371,988; Mar. 20.
Granqvist, Carl-Erik, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Radio direction finding system. 2,388,263; Nov. 6.
Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Packing cigars. 2,370,791; Mar. 6.
Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, sweden. Wrapper carrier in cigar machines. 2,379,575; July 3.
Grant Building, Incorporated: *See*—
Strassburger, Wm. J., and Hunter, assignors.
Grant, David, Dayton, Ohio. Pressure unloading valve. 2,375,411; May 8.
Grant, Donald C., Los Angeles, Calif. Sweater drier. 2,378,922; June 26.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Indicator for control means. 2,367,674; Jan. 23.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Pressure operated system. 2,368,212; Jan. 30.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Fire extinguishing system. 2,378,404; June 19.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Control head. 2,386,210; Oct. 9.
Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Electrically actuated cartridge. 2,386,211; Oct. 9.
Grant, Harry C., Jr., New York, N. Y., and W. A. V. Thomsen, Montclair, assignors to Specialties Development Corporation, Bloomfield, N. J. Container gauge. 2,376,353; May 22.
Grant, Harry C., Jr., New York, N. Y., and W. A. V. Thomsen, Glen Ridge, assignors to Specialties Development Corporation, Bloomfield, N. J. Machine gun charger. 2,384,834; Sept. 18.
Grant, Jesse R., Chicago, Ill. Egg packing material. 2,378,627; June 19.
Grant, John M., South Pasadena, Calif. Drill pipe protector. 2,368,415; Jan. 30.
Grant, Joseph L., Jackson County, assignor to Koch Butchers' Supply Company, North Kansas City, Mo. Structure to be porcelained and producing same. 2,370,304; Feb. 27.
Grant, Stewart M.: *See*—
Brown, H. E., and Grant.
Granville, Joseph D., Los Angeles, Calif. Sheet material joint. 2,374,743; May 1.
Grapes, Frank E., assignor to Universal Oil Products Company, Chicago, Ill. Liquid level indicator. 2,383,187; Aug. 21.
Graphic Microfilm Service, Inc.: *See*—
Place, Robert, assignor.
Graton & Knight Company: *See*—
Carter, Latt J., assignor.
Graue, Arno, San Francisco, Calif. Sanitary medium. 2,371,390; Mar. 13.
Grauel, Ernest H.: *See*—
Hammond, E. H., and Grauel.
Graumann, Raymond L., Alexandria, Va., and M. W. Fischer, Washington, D. C. Delay element for fuses. 2,381,900; Aug. 14.
Graumlich, George D., Miami, Fla. Device for installing and removing tubular lamps and the like. 2,388,137; Oct. 30.
Grause, Albert, Covington, Ky. Connecting device for aircraft catapults. 2,369,455; Feb. 13.
Gravenstine, George E., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Spotlamp. 2,377,493; June 5.
Gravenstine, George E., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Spotlamp. 2,380,040; July 10.
Graver Tank & Mfg. Co., Inc.: *See*—
Felsecker, John J., assignor.
Kamp, E. A., and Prager, assignors.
Marner, Charles L., assignor.
Ulm, Reign C., assignor.
Welp, Edward W., assignor.
Wilkin, Lester A., assignor.
Graves, Arnold, Surbiton, and G. A. R. Tomes, West Wickham; said Tomes assignor to Alltools, Limited, Brentford, England. Thermocouple. 2,381,819; Aug. 7.
Graves, Charles W., Arlington, Mass. Heating system. 2,387,576; Oct. 23.
Graves, Earl C., Trowbridge, Calif. Supplemental feed for drapers. 2,389,193; Nov. 20.
Graves, Eldon F.: *See*—
Knutson, A. T., and Graves.
Graves, Frederick, St. Louis, Mo. Portable electric heater. 2,379,705; July 3.

Graves, Harold K., Tenafly, N. J. Abrasion resistance testing apparatus for insulated wire. 2,373,115; Apr. 10.
Graves, Herbert C., Jr., West Chester, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Contact materials. 2,370,400; Feb. 27.
Graves, Herbert C., Jr., West Chester, assignor to I.-T.-E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker. 2,372,778; Apr. 3.
Graves, Theodore E., Orange, assignor to The Wilcolator Company, Elizabeth, N. J. Electric switch. 2,390,145; Dec. 4.
Graves, William H., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Engine connecting rod and securing parts together. 2,371,614; Mar. 20.
Graviner Manufacturing Company Limited: *See*—
Mathisen, Anders, assignor.
Gray, Agnes, administratrix: *See*—
Gray, Edward.
Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Reheating and reforming of glass articles. 2,367,495; Jan. 16.
Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Glass working machine. 2,382,052; Aug. 14.
Gray, Donald C., Rose Township, assignor to American Hoist & Derrick Company, St. Paul, Minn. Material handling apparatus. 2,370,856; Mar. 6.
Gray, E. J., et al., trustee: *See*—
Bunting, Albert L., assignor.
Gray, Earl: *See*—
McCullough, F., and Gray.
Gray, Edward, deceased, Detroit, by A. Gray, Grosse Pointe Park, Mich. Locomotive. 2,386,679; Oct. 9.
Gray, Edward, deceased, Detroit, by A. Gray, Grosse Pointe Park, Mich., administratrix. Locomotive power drive. 2,387,843; Oct. 30.
Gray, G. A., Company, The: *See*—
Marx, Graham E., assignor.
Walter, John M., assignor.
Gray, George R., Houston, Tex., assignor to Standard Oil Development Company. Drilling fluid. 2,369,560; Feb. 13.
Gray, Harvey C., Hamilton, Ohio. Folding chair. 2,385,072; Sept. 18.
Gray, Hugh W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyd resins. 2,374,598; Apr. 24.
Gray Iron Research Institute, Inc.: *See*—
Krause, Daniel E., assignor.
Gray, Joan, Cleveland, Ohio. Dish drainer. 2,378,628; June 19.
Gray, Kenneth N., assignor of one-half to E. Bogard, Akron, Ohio. Electric welding apparatus. 2,374,930; May 1.
Gray, Kenneth R.: *See*—
Schlosser, P. H., and Gray.
Gray Manufacturing Company, The: *See*—
Clausen, Henry P., assignor.
Johnston, William E., assignor.
Gray, Newenham A.: *See*—
Payzer, S. D., and Gray.
Gray Processes Corporation, The: *See*—
Carlson, Lawrence, assignor.
Gray, Reid B., Dundalk, assignor to The Glenn L. Martin Company, Middle River, Md. Hidden barrier. 2,381,739; Aug. 7.
Gray, Roy O., assignor of one-half to C. F. Gillette, Denver, Colo. Metals recovery apparatus. 2,381,157; Aug. 7.
Gray, Thomas C., Washington, D. C. Motion picture theater. 2,380,837; July 31.
Gray, Walter L., assignor of one-half to F. E. Feltes, Arcadia, Wis. Clothesline reel. 2,385,570; Sept. 25.
Gray, Worth, Wheaton, assignor to Standard Oil Company, Chicago, Ill. Coal spray oil. 2,383,543; Aug. 28.
Graybrook, Herbert W.: *See*—
Eunson, William H., and Graybrook.
Graybrook, Herbert W., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Commutator processing. 2,379,145; June 26.
Graydon, Sterling, Jr., Hartford, and H. N. Bliss, Windsor, assignors to Veeder-Root Incorporated, Hartford, Conn. Resettable counter. 2,382,708; Aug. 14.
Grays Harbor Chair & Mfg. Company: *See*—
Schuh, William H., assignor.
Grayslake Gelatin Co.: *See*—
Epstein, C. H., and Gotthoffer, assignors.
Grayson, Richard D., assignor, by mesne assignments, to Lowell & Grayson, Monrovia, Calif. Inserted tooth milling cutter. 2,378,215; June 12.
Great Bear Spring Company: *See*—
Greene, William M., assignor.
Great Western Sugar Company, The: *See*—
Bennett, Arthur N., assignor.
Clark, A. A., and Hooper, assignors.
Nees, A. R., and Bennett, assignors.
Grebe, John J., W. C. Bauman, and H. A. Robinson, assignors to The Dow Chemical Company, Midland, Mich. Manufacture and use of nitrosyl chloride. 2,366,518; Jan. 2.
Grebe, John J., W. C. Bauman, and H. A. Robinson, assignors to The Dow Chemical Company, Midland, Mich. Bromine extraction. 2,371,886; Mar. 20.
Grebe, John J., and W. C. Bauman, assignors to The Dow Chemical Company, Midland, Mich. Magnesium salts from sea water. 2,387,898; Oct. 30.
Grebow, Wolfe, Baltimore, Md. Arch supporter shoe. 2,389,148; Nov. 20.
Greco, Charles C.: *See*—
Di Grado, S., and Greco.
Green, Arthur D., Cranford, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Apparatus for the manufacture of high molecular weight polymers. 2,384,298; Sept. 4.
Green, Barrett K., assignor to The National Cash Register Company, Dayton, Ohio. Coating for paper. 2,374,862; May 1.
Green, Clarence C., assignor to Armstrong Cork Company, Lancaster, Pa. Closure cleaning device. 2,367,393; Jan. 16.
Green, Donald W.: *See*—
McGill, Daniel F., assignor.
Green, Edgar B., Washington, D. C. Attachment for flush tanks. 2,388,480; Nov. 6.
Green, Edwin H.: *See*—
McLain, W. R., Miller, and Green.
Green, Ernest, Chelmsford and N. H. Clough, Brentwood, England, assignors to Radio Corporation of America. Radio transmitter. 2,376,480; May 22.
Green, Ernest, Writtle, Chelmsford, England, assignor to Marconi's Wireless Telegraph Co. Ltd. Directional aerial system. 2,380,519; July 31.
Green, Fred P.: *See*—
Huenerfauth, G. E., and Green.
Green, George H., Oakland, Calif. Steam boiler. 2,387,391; Oct. 23.
Green, Gus, New York, N. Y. Closure for handbags. 2,378,767; June 19.
Green, Howard D., Pasadena, Calif., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of HCN and catalyst therefor. 2,381,344; Aug. 7.
Green, Howard D., Altadena, Calif., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of hydrocyanic acid. 2,387,577; Oct. 23.
Green, Hyman L.: *See*—
Marrow, A. J., and Green.
Green, Isaac H. C., and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Adjustable cam mount for knitting machines. 2,369,781; Feb. 20.
Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,374,538; Apr. 24.
Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Machine for knitting. 2,376,050; May 15.
Green, Isaac H. C., and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,381,275; Aug. 7.
Green, James B., assignor to Green's Fuel, Incorporated, Sarasota, Fla. Safety liquid stop. 2,388,481; Oct. 6.
Green, James H., West Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Testing apparatus. 2,381,586; Aug. 7.
Green, Joseph L.: *See*—
Johnston, Edwin S., assignor.
Green, Lee B., Lakewood, Ohio. Broaching apparatus. 2,382,628; Aug. 14.
Green, Lee B., Lakewood, Ohio. Miniature railway. 2,387,578; Oct. 23.
Green, Marvin C.: *See*—
Gaskell, C. R., and Green.
Green, Newton B., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,373,391; Apr. 10.
Green, Oscar, Detroit, Mich. Venetian blind. 2,381,158; Aug. 7.
Green, Samuel G., Gray, Ga. Speed regulator for automatic guns. 2,382,411; Aug. 14.
Green, Thomas D., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Liquid spray discharge apparatus for and method of cooling the interior of bottles and other hollow glass articles. 2,386,455; Oct. 9.
Green, Thomas F., Jr., Richmond, Va. Refrigerated bottle dispensing device. 2,389,619; Nov. 27.
Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Liquid treating apparatus and process. 2,368,354; Jan. 30.
Green, Walter H., Chicago, Ill., assignor to Infilco Incorporated. Filter bed expansion control. 2,376,912; May 29.
Green, Walter H., Batavia, assignor to Infilco Incorporated, Chicago, Ill. Sewage comminutor. 2,389,306; Nov. 20.
Green, Walter H., Batavia, assignor to Infilco Incorporated, Chicago, Ill. Liquid treating apparatus and process. 2,391,697; Dec. 25.
Green, William, Gloversville, N. Y. Stretching and spudding machine. 2,389,620; Nov. 27.
Green, William T.: *See*—
Maxson, W. L., McLaren, and Green.
Greenberg, Charles B., New York, N. Y. Watch and jewelers' vise. 2,366,519; Jan. 2.
Greenberg, Charles B., New York, N. Y. Watch crown for waterproof watches. 2,377,625; June 5.
Greenberg, Harry, Dover, and H. W. Brady, Morristown, N. J. Masking device. 2,369,671; Feb. 20.

Greenberg, Leon, assignor of ninety-five per cent to Industrial Steels Limited, Lidcombe, near Sydney, Australia. Centrifugal casting machine. 2,370,953; Mar. 6.
Greene, Charles H., assignor to Corning Glass Works, Corning, N. Y. Apparatus for drawing glass tubing. 2,377,494; June 5.
Greene, Charles W., Toledo, Ohio, assignor to The Flex-O-Tube Company. Manufacturing flexible hose. 2,366,853; Jan. 9.
Greene, George B., Long Beach, and P. O'Connor, Los Angeles, assignors to L. M. Harvey, La Canada, Calif. Dual automatic radio direction finding system. 2,368,921; Feb. 6.
Greene, George B., and R. W. Goble, Long Beach, Calif. Radio directional control system for vehicles. 2,382,709; Aug. 14.
Greene, Herman M., Hollywood, and G. L. Shinholt, Los Angeles, Calif. Rivet feeder. 2,366,448; Jan. 2.
Greene, Irving H., New York, N. Y. Kneepad and making same. 2,377,339; June 5.
Greene, James B.: *See*—
Rubidge, D. W., Manning, Hood, and Greene.
Greene, Joseph, Brooklyn, N. Y., assignor to Holgate Brothers Company, Kane, Pa. Toy. 2,383,305; Aug. 21.
Greene, Marcus: *See*—
Silverman, E. E., Greene, and Greenspan.
Greene, Nathan J., Columbus, Ohio, and M. Liwschitz-Garik, Brooklyn, N. Y., assignors to National Electric Coil Company, Columbus, Ohio. Dynamoelectric machine. 2,370,348; Feb. 27.
Greene, Ralph D., R. H. Kienle, and R. D. Vartanian, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Finishing pigment-resin colored fabrics. 2,385,320; Sept. 18.
Greene, William A.: *See*—
Gandy, William L., assignor.
Greene, William M., Forest Hills, assignor to Great Bear Spring Company, New York, N. Y. Water and like cooler. 2,377,296; May 29.
Greener, Charles I.: *See*—
Manaster, Ben B., assignor.
Greenfield, Moses A., Cabin John, Md. Pressure gauge. 2,367,211; Jan. 16.
Greening, Clarence M: *See*—
Norris, D. R., and Greening.
Greenland, Leonard S., Coventry, assignor to H. M. Hobson (Aircraft & Motor) Components Limited, London, England. Throttle control device for aircraft engines. 2,376,690; May 22.
Greenlaw, Alfred L., New Britain, Conn. Grill. 2,381,345; Aug. 7.
Greenlaw, Herbert E., Auburndale, Fla. Treating citrus fruit. 2,369,891; Feb. 20.
Greenleaf, Richard J., II, Ipswich, assignor of one-half to V. H. Barwood, Brookline, Mass. Container. 2,367,675; Jan. 23.
Greenleaf, Robert M., and J. L. Hunt, Grosse Pointe, Mich., assignors to M. L. Trust, F. R. Pendleton, trustee. Wheel gauging instrument. 2,381,276; Aug. 7.
Greenlee Bros. & Co.: *See*—
Abramson, J. H., and Swanson, assignors.
Mansfield, Judson H., assignor.
Greenman, Hugh M., assignor to Woodward Governor Company, Rockford, Ill. Governor adjusting mechanism. 2,380,963; Aug. 7.
Green's Fuel. Incorporated: *See*—
Green, James B., assignor.
Greensfelder, Bernard S.: *See*—
Bailey, W. A., Jr., and Greensfelder.
Bannerot, R. A., Boultbee, and Greensfelder.
Crawford, C. C., Fuller, and Greensfelder.
Fuller, D. L., and Greensfelder.
Greenspan, Seymour: *See*—
Silverman, E. E., Greene, and Greenspan.
Greentree, Alexander, South Charleston, W. Va., assignor, by mesne assignments, to L. Caldwell, Los Angeles, Calif. Improving the decolorizing properties of a synthetic hydrated magnesium silicate decolorizing material. 2,367,496; Jan. 16.
Greenwald, Bernard, New York, N. Y. Chuck and hose protector. 2,386,791; Oct. 16.
Greenewalt, Crawford H., Greenville, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ethylene polymers. 2,388,138; Oct. 30.
Greenwood, Calvin S., Gardner, Mass. Revolving chair. 2,377,002; May 29.
Greenwood, Donald W., Wheaton, Ill. Hand loom. 2,386,233; July 10.
Greep, Roy O.: *See*—
Van Dyke, H. B., Greep, and Chow.
Greer, Luther C., St. Paul, Minn. Photographic marking device. 2,377,226; May 29.
Greger, Herbert H.: *See*—
Menefee, A. B., and Greger.
Gregg, Charles L., assignor to The Dow Chemical Company, Midland, Mich. Separating butadiene and butylene from hydrocarbon mixtures. 2,390,934; Dec. 11.
Gregg, David, Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Regulator. 2,381,346; Aug. 7.
Gregg, David, Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Flow regulating system. 2,391,306; Dec. 18.
Gregg, George W., assignor to Bendix Aviation Corporation, South Bend, Ind. Cleaning composition. 2,386,789; Oct. 16.
Gregg, Harry H.: *See*—
Weber, F. A., and Gregg.
Gregg, James F., Laramie, Wyo. Hydraulic coupling. 2,391,413; Dec. 25.
Gregg, James L., Coopersburg, Pa., and E. R. Jette, Croton-on-Hudson, N. Y., assignors to Bethlehem Steel Company. Ferrous alloys containing bismuth. 2,378,548; June 19.
Gregg, John, New Hope, Pa., and D. E. Levin, New York, N. Y. Outsole for shoes. 2,371,689; Mar. 20.
Gregg, Jon, New Hope, Pa. Shoe and outsole therefor and making the same. 2,391,564; Dec. 25.
Gregoire, Horace W., Boston, assignor to O. W. Wikstrom, Newton, Mass. Machine for setting up box blanks. 2,371,046; Mar. 6.
Gregor, Michael, New York, N. Y. Variable pitch propeller. 2,391,778; Dec. 25.
Gregory, Charles, Amarillo, Tex., now by judicial change of name to C. G. Hilton, Boot and shoe stretching device. 2,385,270; Sept. 18.
Gregory, Frank S., Jr., Arlington, assignor to B. B. Chemical Co., Boston, Mass. Machine for making preforms. 2,386,891; Oct. 16.
Gregory, James: *See*—
Quilter, J. R. C., and Gregory.
Gregory, John J., Catonsville, Md., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus and process for tapering artificial filaments. 2,374,744; May 1.
Gregory, Luther W.: *See*—
Schneider, S. S., and Gregory.
Gregory, Luther W., Baltimore, and S. S. Schneider, Halethorpe, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Inductive heating coil shielding. 2,381,278; Aug. 7.
Gregory, Richard S., Princeton, Ky. Photoelectric relay with automatic adjuster. 2,383,644; Aug. 28.
Gregory, Royal J., Elkridge, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing name plates and the like. 2,367,939; Jan. 23.
Gregory, Thurlow G., Shaker Heights, Ohio. Self-opening, sound-absorbing plaster. 2,382,561; Aug. 14.
Greider, Harold W.: *See*—
Fasold, G. A., and Greider.
Marc, H. M., and Greider.
Greifenhagen, Edwin B.: *See*—
Harris, S. C., and Greifenhagen.
Greig, Arthur, River Rouge, Mich., assignor to U. S. Tool and Mfg. Co., Radius wheel dresser. 2,377,934; June 12.
Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Apparatus for forming sheet material. 2,389,974; Nov. 27.
Greiner, Carl F. and J. F. Harrison, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio. Drive roll assembly. 2,386,946; Oct. 16.
Greist Manufacturing Company, The: *See*—
Bacon, D. L., Caldwell, and Barmmer, assignors.
Russell, Herbert H., assignor.
Greitzer, Meyer, Los Angeles, Calif. Chair. 2,390,878; Dec. 11.
Grelson, Peter, Minneapolis, Minn. Lawn sprinkler. 2,381,740; Aug. 7.
Grempler, William E., Baltimore, Md. Apparatus for utilizing waste heat. 2,370,656; Mar. 6.
Grencker, Lillian L., New York, N. Y. Destructible hollow form. 2,369,892; Feb. 20.
Greneker, Lillian L., New York, N. Y. Display head. 2,381,663; Aug. 7.
Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,371,134; Mar. 13.
Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,372,947; Apr. 3.
Gresham, William F.: *See*—
Loder, D. J., and Gresham.
Nalbach, J. R., and Gresham.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized dioxolanes. 2,376,354; May 22.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dioxolane-acid halide reaction and product. 2,377,878; June 12.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified acetals. 2,382,874; Aug. 14.
Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxygenated organic polymers. 2,382,938; Aug. 14.
Gressel, Floyd C.: *See*—
Smith, G. P., and Gressel.
Greth, August S., Oakland, Calif. Chimney damper for open fire places. 2,384,249; Sept. 4.
Grettie, Donald P., assignor to Industrial Patents Corporation, Chicago, Ill. Extracting glue and gelatin. 2,384,673; Sept. 11.
Greulich, Gerald G., Mount Lebanon, Pa., assignor to Carnegie-Illinois Steel Corporation. Portable deck 2,369,733; Feb. 20.

Grey, Ralph E., Osborne, and L. G. Burns, Dayton, Ohio. Fuel pump. 2,382,412; Aug. 14.
Grey, Victor, assignor to Teletype Corporation, Chicago, Ill. Centrifugal chuck. 2,367,863; Jan. 23.
Grice, Letcher O., U. S. Army, Washington, D. C. Closure for cans. 2,375,221; May 8.
Grice, Letcher O., U. S. Army, Ogden, Utah, and I. L. Freedman, Washington, D. C. Combination trench coat, cape, and hood. 2,370,158; Feb. 27.
Gridiron Steel Company: *See*—
Fay, Horace B. and T. H., assignors.
Gridley Farm Tool Company, Incorporated: *See*—
Ringger, Henry H., assignor.
Grieb, Benjamin C., Chestnut Hill, Pa. Rotary engine or blower device. 2,380,752; July 31.
Grier, John A., Yonkers, N. Y., assignor to Ordnance Instrument Corporation. Binoculars. 2,386,394; Oct. 9.
Griesinger, John W.: *See*—
Rich, P. J., and Griesinger.
Griesinger, William K., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Gelatination of hydrocarbon distillates. 2,382,144; Aug. 14.
Griess, Gerald A.: *See*—
Coleman, G. H., and Griess.
Coleman, G. H., Schroeder, and Griess.
Griff, Robert D.: *See*—
Rasmussen, C. T., and Griff.
Griffin, Alvah M., Los Angeles, assignor to North Aircraft, Inc., Hawthorne, Calif. Self-staking bushing and the like. 2,372,485; Mar. 27.
Griffin, George R.: *See*—
Redmon, B. C., and Griffin.
Griffin, Harry L., Rockville Centre, assignors to Nestle's Milk Products, Inc., New York, N. Y. Compacting and packaging milk powder and compacted mass of milk powder and the like. 2,379.230; June 26.
Griffin, Ira L., D. E. Truax, and N. H. Nuttall, Charlotte, N. C., assignors to Stein, Hall & Company, Inc., New York, N. Y. Treatment of textile materials. 2,381,587; Aug. 7.
Griffin, John R., Jr., and P. R. Van Ess, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Aviation lubricating oil. 2,375,222; May 8.
Griffin, Kearney P.: *See*—
Lowe, W. G., and Griffin, assignors.
Vittum, P. W., Griffin, and Weissberger.
Griffin, Louis M., New Orleans, La. Detachable auxiliary fin means for aircraft. 2,373,677; Apr. 7.
Griffin, Norval B., and C. H. Brechner, assignors to The Selby Shoe Company, Portsmouth, Ohio. Conveyer system. 2,390,935; Dec. 11.
Griffin, Roger L., Marblehead, and N. Y. Moore, Danvers, assignors to A. C. Lawrence Leather Company, Peabody, Mass. Shearing machine. 2,387,579; Oct. 23.
Griffin, Victor E., Cicero, Ill., assignor to Atlas Press Company, Kalamazoo, Mich. Toolholder. 2,386,851; Oct. 16.
Griffin, William C., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Wax composition. 2,374,931; May 1.
Griffin, William C., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Emulsions. 2.380,166; July 10.
Griffins, Morris E., Riverside, and I. Molnar, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Telephone system. 2.371,989; Mar. 20.
Griffis, Lawrence W.: *See*—
Searles, H., Griffis, and Carlson.
Griffith, Alan A., Derby, England. Turbocompressor. 2,391,779; Dec. 25.
Griffith, Clement P.: *See*—
Chapman, C. H., Griffith.
Griffith, Clement P., and J. J. Delaney, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Thermostatic adjustment for meter calibrating mechanism. 2,366,330; Jan. 2.
Griffith, Fred, Cleveland, Ohio. Burr-removing tool. 2,372,486; Mar. 27.
Griffith, James E., Denver, Colo. Rotary internal-combustion engine. 2,367,676; Jan. 23.
Griffith Laboratories, Inc., The: *See*—
Hall, Lloyd A., assignor.
Griffith, Llewellyn A., Buffalo, N. Y. Suction cleaner. 2,389,042; Nov. 13.
Griffith, Llewellyn B., Austin, Tex. System of sewage clarification and sludge removal. 2,389,357; Nov. 20.
Griffith, Richard: *See*—
Price, D., and Griffith.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Composite article and making same. 2,366,895; Jan. 9.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Making composite articles. 2,366,896; Jan. 9.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Composite article and bonding rubber to a corrodible material. 2,386.212; Oct. 9.
Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Adhesives and making same. 2,386,213; Oct. 9.
Griffith, William B., Stone Harbor, N. J. Valve seat ring. 2,366.520; Jan. 2.
Griffith, William B., Stone Harbor, N. J. Thermostat. 2,389,429; Nov. 20.
Griffiths, Evelyn E., Wirral, England. Heat regulating means for liquid heating apparatus. 2,371,516; Mar. 13.
Griffiths, Francis T., Gravesend, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, Darking, Surrey, England. Extrusion machine. 2,367,394; Jan. 16.
Griffiths, George A.: *See*—
Voity, M., and Griffiths.
Griffiths, William E., Pittsburgh, Pa., assignor to Allegheny Ludlum Steel Corporation. Procedure and apparatus for separating stainless steel particles from particles of abrasive material. 2,372,321; Mar. 27.
Griffoul, Henry M., San Jose, Calif. Magnesium melting furnace. 2,389,307; Nov. 20.
Grigalauski, Joseph, Rockford, Ill. Toolholder. 2,375,916; May 15.
Grigg, Jesse M., Chicago, Ill. Gun. 2,372,568; Mar. 27.
Griggs, Clifford R., Ceres, Calif. Combination stool and stepladder. 2,368,541; Jan. 30.
Griggs, Truman A.: *See*—
Dobson, W. M., Frye, and Griggs.
Grill, George M., Kew Gardens Hills, N. Y., assignor to Lewyt Corporation. Swivel chair. 2,390,215; Dec. 4.
Grim, Forrest D., Allentown, Pa., assignor to Trojan Powder Company. Loading machine. 2,380,167; July 10.
Grim, John M.: *See*—
Thurston, J. T., and Grim.
Grimble, Robert W., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Production of halides. 2,385,505; Sept. 25.
Grime, Edward P., Los Angeles, Calif., assignor to Malabar Machine Company. Holding brake. 2,372,196; Mar. 27.
Grime, Edward P., Los Angeles, Calif. Weight indicating lifting jack. 2,373,469; Apr. 10.
Grimes, Dudley E.: *See*—
White, G., and Grimes.
Grimes, Harlan E., Mount Orab, Ohio, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Selector switch circuit for automatic telephone systems. 2,391,414; Dec. 25.
Grimm, Carl W., Chicago, Ill., assignor to Henry Pratt Company. High-pressure steam preheater roll. 2,374,745; May 1.
Grimm, Frank C., Sr., Oak Park, Ill. Device for alternating electric circuits. 2,374,152; Apr. 17.
Grimson, Samuel B., assignor to Color Research Corporation, New York, N. Y. Camera mechanism. 2,373,243; Apr. 10.
Grimston, Francis B. S., Farnham Royal, England. Collapsible boat. 2,370,401; Feb. 27.
Grinde, John M., and A. E. Manthey, Waunakee, Wis. Anchor device. 2,379,349; June 26.
Grindrod, Thomas H., and A. E. Church, Portland, Oreg. Welder's mask. 2,391,565; Dec. 25.
Grinnell Corporation: *See*—
Knight, Ira W., assignor.
Loepsinger, Albert J., assignor.
Grinnell, George G., Portland, Oreg. Sheet binder. 2,377,340; June 5.
Grip Nut Company: *See*—
Sale, William H., assignor.
Griscom-Russell Company, The: *See*—
Ris, Kenneth B., assignor.
Sebald, Leslie E., assignor.
Griscom, Samuel B., Wilkinsburg, Pa., and Joseph D. Pierce, Washington, D. C., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control for wound rotor induction motors. 2,379,146; June 26.
Grisdale, George W., Jr.: *See*—
Paroz, P. N., and Grisdale.
Grisdale, Richard O., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coating apparatus. 2,369,561; Feb. 13.
Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Fluid pressure motor. 2,389,621; Nov. 27.
Grisso, Lolan H.: *See*—
Hanson, H., Skoog, and Grisso.
Griswold, Donald G., Alhambra, Calif. Pressure responsive valve. 2,377,227; May 29.
Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Pressure reducing valve with dual pilot valve control. 2,368,981; Feb. 6.
Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Pump control means. 2,384,420; Sept. 4.
Griswold, Donn J.: *See*—
Richmond, P. E., and Griswold.
Griswold, Glenn G., and F. J. Lee, East Los Angeles, assignors to J. L. Hull, Los Angeles, Calif. Fire extinguisher. 2,389,501; Nov. 20.
Griswold, Glenn G., and F. J. Lee, East Los Angeles, assignors to J. L. Hull, Los Angeles, Calif. Fire extinguisher. 2,389,502; Nov. 20.
Griswold, Howard L.: *See*—
Cape, A. T., Foerster, and Griswold.

Griswold, Lester, Colorado Springs, Colo. Slide holder. 2,373,392; Apr. 10.
Griswold, Leslie W.: *See*—
Thomas, Walter E., assignor.
Griswold, Lyle R., assignor to M. R. Fleischman Co., San Francisco, Calif. Garment. 2,376,247; May 15.
Griswold, Paul H.: *See*—
Riggs, H. E., and Griswold.
Griswold, Stanley M., Newton, assignor to B. B. Chemical Co., Boston, Mass. Manufacture of insoles. 2,381,950; Aug. 14.
Griswold, Stanley M., Newton, assignor to B-B. Chemical Co., Boston, Mass. Manufacture of insoles. 2,381,951; Aug. 14.
Griswold, Thomas, Jr., assignor to The Dow Chemical Company, Midland, Mich. Recovery of magnesium. 2,381,405; Apg. 7.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Drive mechanism. 2,366,253; Jan. 2.
Griswold, William A., Cleveland, Tenn. Heating apparatus. 2,383,188; Aug. 21.
Grob, Benjamin, Grafton, Wis. Filing machine. 2,372,826; Apr. 3.
Grobet, Georges, assignor to R. Habib, Geneva, Switzerland. Universal precision sharpening machine. 2,391,153; Dec. 18.
Groehn, Harvey G., Beverly Hills, Calif., assignor to Castaloy Corporation, Detroit, Mich. Die fixture. 2,371,047; Mar. 6.
Groen, Willem, assignor to Onsrud Machine Works, Inc., Chicago, Ill. Copy lathe control. 2,370,032; Feb. 20.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Loading and unloading of work in machine tools. Re. 22,621; Mar. 20.
Groene, William F., and A. W. Aufderhar, assignors to The R. K. LeBlond Machine Tool Company, Cincinnati, Ohio. Automatic lathe. 2,379,147; June 26.
Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tailstock for lathes. 2,391,154; Dec. 18.
Groetchen, Richard: *See*—
Dawson, Sidney, assignor.
Groetchen, Richard, Chicago, Ill. Burner structure. 2,375,412; May 8.
Groh & Co., A. G.: *See*—
Streuli, Emil, assignor.
Grohsgal, Alexis C., New York, assignor to Marks Products Co. Inc., Brooklyn, N. Y. Musical signal device. 2,391,698; Dec. 25.
Grondona, Charles A., Rye, N. Y., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Mounting rolls in dispensing cabinets. 2,380,644; July 31.
Grontkowski, Raymond B., Washington, D. C. Brake control mechanism. 2,391,017; Dec. 18.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Atmospheric pressure responsive measuring device. 2,366,897; Jan. 9.
Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,376,913; May 29.
Groov-Pin Corporation: *See*—
Braendel, F. W., and Richards, assignors.
Gros, Hermann: *See*—
Lang, R., von Fahland, and Gros.
Grosdoff, Igor E., Upper Darby, Pa., assignor to Radio Corporation of America. Vacuum gauge indicator system. 2,383,600; Aug. 28.
Gross, Alfred G., Wilmette, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,387,-657; Oct. 23.
Gross, Charles, assignor to Evans Products Company, Detroit, Mich. Black-out marker light. 2,380,691: July 31.
Gross, Fred E., Lonoke, Ark. Fuze packing box. 2,389,358; Nov. 20.
Gross, Henry R., Chicago, Ill. Spot-signal light. 2,374,282; Apr. 24.
Gross, Henry R., Chicago, Ill. Electric cable reel. 2,375,917; May 15.
Gross, Henry R., Chicago, Ill. Flasher. 2,377,775; June 5.
Gross, Henry R., Chicago, Ill. Flasher. 2,378,405; June 19.
Gross, Howard H., Fishkill, and I. F. German, Jr., Beacon, assignors to The Texas Company, New York, N. Y. Extraction of hydrocarbons. 2,383,057: Aug. 21.
Grosse, Aristid V., and W. J. Mattox, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,381,820; Aug. 7.
Grosse, Aristid V., Haverford, Pa., and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,391,415; Dec. 25.
Grosser, Christian E., Winchester, Mass., assignor to Standard Machinery Company, Cranston, R. I. Pump or motor unit. 2,381,741; Aug. 7.
Grosser, Walter C., Cleveland, Ohio, assignor, by mesne assignments, to American Flange & Manufacturing Co., Inc., New York, N. Y. Threaded sheet metal plug. 2,387,990: Oct. 30.
Grossi, Jose M. D., Buenos Aires, Argentina. Apparatus for reducing the expansion of fluids. 2,375,646; May 8.
Grossman, George J., Los Angeles, Calif. Toy parachute. 2,375,844; May 15.
Grossman, Harold, Montclair, N. J. Removal of caffein from coffee extract. 2,375,550; May 8.
Grossman, Samuel L., Los Angeles, Calif. Bed divan. 2,369,562; Feb. 13.
Grossmann, Marcus A., Chicago, Ill., and R. F. Miller, Pittsburgh, Pa., assignors of one-half to Carnegie-Illinois Steel Corporation and one-half to United States Steel Corporation of Delaware. Steel in elevated temperature service under stress. 2,389,043; Nov. 13.
Grossmith, George W., Bristol, and H. F. H. Shields, Moorgate, London, E. C. 2, England. Wagon tippler. 2,374,009; Apr. 17.
Grosso, Patrick P., Brooklyn, N. Y. Irrigating speculum. 2,370,459; Feb. 27.
Grote Manufacturing Company, The: *See*—
Ryder, Charles D., assignor.
Groten, Frank J., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Curing phenol-formaldehyde resins. 2,387,256; Oct. 23.
Grotewold, Hans: *See*—
Federwitz, T. A., and Grotewold.
Groth, Albert T., Oshkosh, Wis. Planting spacer for flats. 2,382,221; Aug. 14.
Groth, Alfred, and H. J. Hanauer, assignors to Badger Carton Co., Milwaukee, Wis. Apparatus for firing powder. 2,368,018; Jan. 23.
Groth, Bertil S., and S. B. H. Johanson, Ornskoldsvik, Sweden. Processes for the production of vinyl esters of organic acids. 2,376,964; May 29.
Grothey, Ivan W., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,382,008; Aug. 14.
Grotke, Charles, Bristol, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation. Displacing gear for bombs. 2,386,680; Oct. 9.
Grotnes, Carl C., Park Ridge, assignor of one-half to G. G. Cuttner, Chicago, Ill. Container sealing device. 2,368,758; Feb. 6.
Groulx, John E., Bay City, Mich. Fishhook holder. 2,371,517; Mar. 13.
Grouse, Richard A., and J. Rogers, assignors to A. H. Hunt Limited, London, England. Metallized paper electrical condenser. 2,388,139; Oct. 30.
Grout, Roy A.: *See*—
Dadant, H. C., and Grout.
Grove, Collins D., Joliette, Quebec, Canada. Convertible wheel endless drive mechanism. 2,389,308; Nov. 20.
Grove, David B., Mascot, Tenn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Heavy media separation process. 2,387,580; Oct. 23.
Grover, Elliott E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Safety device. 2,380,964; Aug. 7.
Grover, Frank S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Buffing machine for rubberlike materials. 2,367,839; Jan. 23.
Grover, Victor T.: *See*—
Nordstrom, E., and Grover.
Groves, Frederick H., Dormont, Pa. Document package. 2,371,135; Mar. 13.
Groves, Walter R., assignor to Turner Manufacturing Company, Limited, Wolverhampton, England. Pump for use in hydraulic transmission of power. 2,372,375; Mar. 27.
Grow, Harlow B., Freeport, N. Y. Pilot instructing device. 2,389,359; Nov. 20.
Grubb, Henry M., and E. B. Tucker, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Preparation of organic sulphonates. 2,374,193; Apr. 24.
Grubb, Howard C., et al.: *See*—
Williams, Edward B., Jr., assignor.
Grubbs, Edward G., Los Angeles, Calif. Photoengraver's plate cooler. 2,385,073; Sept. 18.
Gruber, Elbert E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3 hydrocarbons. 2,391,233; Dec. 18.
Gruber, Irving B., and W. L. Zemberry, Pittsburgh, Pa., assignors to National Tube Company. Machine for bundling tubular articles and the like. 2,387,658; Oct. 23.
Gruber, Paul S.: *See*—
Dany, E. W., and Gruber.
Gruber, Wolfgang: *See*—
Beer, L., Berg, and Gruber.
Grubich, Stephen, Milwaukee, Wis. Material digging and handling apparatus. 2,389,044; Nov. 13.
Gruel, Charles: *See*—
Klumb, C. E., and Gruel.
Gruender, Oscar C., and E. Werner, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Liner for impact members. 2,378,475; June 19.
Gruenhagen, Henry, Shaker Heights, assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Automatic transmission. 2,378,549; June 19.
Gruenhagen, Henry: *See*—
Fanger, H. J., and Gruenhagen.
Fanger, H. J., Gruenhagen, and Shaffer.
Gruenhagen, Henry, et al.: *See*—
Fanger, Herman J., assignor.
Shaffer, Cleve F., assignor.

Gruenwald, Louis A., New York, N. Y. Surface active materials. 2,374,678; May 1.
Gruening, William E., assignor to The Stacey Brothers Gas Construction Company, Cincinnati, Ohio. Gasholder. 2,367,497; Jan. 16.
Grün, Adolf, assignor to J. R. Geigy A. G., Basel, Switzerland. Dioxane derivatives and making same. 2,366,611; Jan. 2.
Grün, Adolph, and W. Stoll, assignors to the firm of J. R. Geigy A. G. Basel, Switzerland. 1-phenoxy-3-hydroxypropanones-(2). 2,374,283; Apr. 24.
Gruner, William P., St. Louis, assignor of one-fourth to O. R. Burkhart, Webster Groves, one-fourth to W. H. Burkhart, and one-fourth to H. W. Hagnauer, Laude, Mo. Ice-making machine. 2,387,899; Oct. 30.
Grupe, William F., Lyndhurst, N. J., assignor to Interchemical Corporation, New York, N. Y. Pressure roller. 2,374,194; Apr. 24.
Grupe, William F., Lyndhurst, N. J., assignor to Interchemical Corporation, New York, N. Y. Coating method and apparatus. 2,383,964; Sept. 4.
Grusenmeyer, Nettie F., San Francisco, Calif. Toy. 2,381,536; Aug. 7.
Grusenmeyer, Nettie F., San Francisco, Calif. Toy. 2,381,537; Aug. 7
Gruss, Francis K., San Francisco, Calif. Compressor. 2,377,879; June 12.
Gruss, Lucien R., Cleveland, Ohio. Airplane shock absorbing device. 2,389,849; Nov. 27.
Gruttner, Hans: *See*—
Schuler, H., Gruttner, and Dronigke.
Gschwind, Jean F.: *See*—
Ross, J. O., and Gschwind.
Guarantee Specialty Manufacturing Company, The: *See*—
Wright, R. H., and Buick, assignors.
Guardian Electric Manufacturing Co.: *See*—
Nelsen, Marvin G., assignor.
Obszarny, Thedore, assignor.
Guardian Merchandising Corporation: *See*—
Monnet, Georges, assignor.
Guardino, Leonard L.: *See*—
Dapolito, August A., assignor.
Guardite Corporation: *See*—
Baer, John M., assignor.
Heineman, Arnold H., assignor.
Guardite Corporation, The: *See*—
Heineman, Arnold H., assignor.
Guarnaschelli, Stephen, Mount Vernon, N. Y., assignor to Packless Metal Products Corporation, New Rochelle, N. Y. Valve. 2,374,195; Apr. 24.
Guarnaschelli, Vincent, New York, assignor to Self Seal Bottle Cap Company, Long Island City, N. Y. Bottle cap. 2,388,050; Oct. 30.
Guba, Raymond J., Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation. Heat-treating furnace. 2,370,954; Mar. 6.
Gubbins, Charles H., Ealing, London, England. Mechanical hammer. 2,385,439; Sept. 25.
Gubelmann, Ivan, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,381,952; Aug. 14.
Gubelmann, William S., Convent, N. J. Accounting machine. 2,376,481; May 22.
Gubin, Samuel: *See*—
Cunningham, O. B., Sussman, and Gubin.
Gubisch, Erwin A., assignor to Teletype Corporation, Chicago, Ill. Perforating machine. 2,390,435; Dec. 4.
Gubrud, Adolph P., Hudson, S. Dak. Grade indicator. 2,379,350; June 26.
Gudgeon, Herbert, E. Isaacs, and W. M. Morgan, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Synthetic rubberlike materials comprising butadiene-1,3-interpolymers. 2,378,140; June 12.
Gudgeon, Herbert, and R. Hill, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Interpolymerization products. 2,382,629; Aug. 14.
Gudheim, Arne, Winchester, assignor to Lever Brothers Company, Cambridge, Mass. Container closure. 2,388,738; Nov. 13.
Guditz, Elis A., Dorchester, Mass. Radio range navigation device. 2,370,305; Feb. 27.
Gudkov, Marie, New York, N. Y. Musical game board. 2,381,347; Aug. 7.
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Light shutter. 2,390,216; Dec. 4.
Guell, Charles H.: *See*—
Dearing, Le Roy M., and Guell.
Guellich, Gustav E.: *See*—
Peck, W. F., and Guellich.
Guellich, Gustav E., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Coating apparatus. 2,378,476; June 19.
Guellich, Gustav E., and A. A. Gradisar, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Coordinate measuring stage. 2,387,440; Oct. 23.
Guellich, Gustav E., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Mount for eyepieces. 2,388,051; Oct. 30.
Guellich, Gustav E., and A. A. Gradisar, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical device. 2,389,503; Nov. 20.
Guellich, Gustav E., Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Making reticles or the like. 2,389,504; Nov. 20.
Guenther, Gerhard K., Chicago, Ill. Grave marker. 2,383,787; Aug. 28.
Guenther, John R., Appleton, Wis. Counter. 2,375,413; May 8.
Guest, Diana: *See*—
Valdene, Jean P., assignor.
Guhl, Henry C.: *See*—
Perry, E. R., and Guhl.
Guiberson Corporation, The: *See*—
Lilly, Russell M., assignor.
Taylor, R. G., Jr., and Wilde, assignors.
Guibert, Francis W., Los Angeles, and F. B. Fuller, Whittier, Calif.; said Fuller assignor to said Guibert. Liquid transmission device. 2,368,019; Jan. 23.
Guichet, Jules J., Baton Rouge, La., assignor to Standard Oil Development Company. Removing coke deposits from high-temperature oil lines. 2,366,521; Jan. 2.
Guignard, Edwin M. F., Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Apparatus for continuous fractional distillation. 2,385,074; Sept. 18.
Guignon, Emile S., Jr.: *See*—
Brostrom, Ernest O., assignor.
Brown, Robert M., assignor.
Sheldon, Ralph O., assignor.
Guignon, Emile S., Jr., Kansas City, Mo. Engine support. 2,377,415; June 5.
Guignon, Emile S., Jr., Kansas City, Mo. Portable landing apron and runway. 2,382,789; Aug. 14.
Guild, Lloyd V.: *See*—
Holmes, D. C., and Guild.
Guild Manufacturing Company: *See*—
Rosenthal, Leon, assignor.
Guillermo Kraft Limitada Sociedad Anonima de Impresiones Generales: *See*—
Kraft, Guillermo E. C., assignor.
Guimont, Nelson J., Chicago, Ill. Foundation block structure. 2,383,544; Aug. 28.
Guiney, Karl B., Lafayette, Ind., assignor to Aluminum Company of America, Pittsburgh, Pa. 2,368,355; Jan. 30.
Guirl, Howard P., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Apparatus for welding strips or fins to metallic bodies. 2,372,893; Apr. 3.
Guirl, Howard P., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Resistance welding metallic strips to metallic bodies. 2,381,742; Aug. 7.
Guiteras, Albert F.: *See*—
Snell, F. D., and Guiteras.
Gulbransen, Capron R., Wilmette, assignor to National Live Stock and Meat Board, Chicago, Ill. Indicating instrument. 2,381,494; Aug. 7.
Guler, George D., White Plains, N. Y., and G. M. Kingsland, Denver, Colo., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,376,482; May 22.
Gulf Oil Corporation: *See*—
Cantrell, T. L., and Peters, assignors.
Crockett, L. O., and Franklin, assignors.
Franklin, L. U., and Dunlay, assignors.
Ostergaard, Povl, assignor.
Smith, Herschel G., assignor.
Smith, H. G., and Cantrell, assignors.
Smith, H. G., Cantrell, and Peters, assignors.
Gulf Research & Development Company: *See*—
Bailey, Lothrop H., assignor.
Montgomery, C. W., and Franke, assignors.
Muffly, Gary, assignor.
Muskat, Morris, assignor.
Pardee, W. A., and Dodge, assignors.
Pigott, Reginald J. S., assignor.
Stillson, G. H., and Fishel, assignors.
Trautman, Charles E., assignor.
Walsh, Bruce R., assignor.
Gulf States Paper Corporation: *See*—
Hodges, Paul, assignor.
Gulliksen, Finn H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,367,940; Jan. 23.
Gumb, Daniel E., Milwaukee, Wis. Animated toy. 2,382,630; Aug. 14.
Gumz, Herman H., Newark, N. J. Ladder construction. 2,381,348; Aug. 7.
Gündel, Wolfgang: *See*—
Hentrich, W., and Gündel.
Gunderson, Lewis O., Park Ridge, assignor to Dearborn Chemical Company, Chicago, Ill. Conditioning water. 2,366,727; Jan. 9.
Gunderson, Ralph R., Detroit, Mich. Fluid pressure producing device. 2,374,010; Apr. 17.
Gunderson, Ralph R., Detroit, Mich. Fluid pressure actuated device. 2,374,011; Apr. 17.
Gunn, Frank G., Ickenham, and E. Hague, Gerrards Cross, England, assignors to Technicolor Motion Picture Corporation, Hollywood, Calif. Gunnery. 2,373,024; Apr. 3.

Gunn, George F., assignor to The Dow Chemical Company, Midland, Mich. Protection of molten magnesium and magnesium-base alloys. 2,378,699; June 19.
Gunn, Ross, and W C. Hall, Washington, D. C. Fuel cell. 2,384,463; Sept. 11.
Gunnell, Dorr J., Lansing, Mich. Stretcher. 2,384,299; Sept. 4.
Gunness, Robert C., assignor to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion system. 2,377,935; June 12.
Gunness, Robert C., assignor to Standard Oil Company, Chicago, Ill. Catalytic reforming. 2,388,536; Nov. 6.
Gunning, Maximiliaan F., Petersfield, England. Ship construction. 2,379,295; June 26.
Gunnison, Foster, Louisville, Ky., assignor to Gunnison Homes, Inc. Adjustable building foundation. 2,380,692; July 31.
Gunnison Homes, Inc.: *See*—
Gunnison, Foster, assignor.
Gunter, Addison Y.: *See*—
Thompson, N. C., Gunter, Shaw, and Roe.
Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,372,079; Mar. 20.
Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,389,850; Nov. 27.
Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,390,436; Dec. 4.
Gunther, James K., assignor to Industrial Patents Corporation, Chicago, Ill. Detergent composition. 2,385,075; Sept. 18.
Gunzburger, Erich, Tulsa, Okla. Snap-on hot line stirrup. 2,370,857; Mar. 6.
Gurewitz, Samuel J.: *See*—
Rothenberg, I., Kagen, and Gurewitz.
Gurney, William B., Baton Rouge, La., assignor to The Permutit Company, New York, N. Y. Liquid treating apparatus. 2,366,898; Jan. 9.
Gurries, Albert G., and T. B. Keesling, said Keesling assignor to said Gurries, Gilroy, Calif. Pressure pump. 2,370,534; Feb. 27.
Gurwick, Irving, New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Nonmetallic collapsible dispensing tube and manufacture thereof. 2,385,506; Sept. 25.
Guss, Cyrus O., and R. W. Amidon, assignors to The Dow Chemical Company, Midland, Mich. Flexible polymeric product and making same. 2,388,685; Nov. 13.
Gussow, William A., Birmingham, Ala., assignor to Southern States Equipment Corporation. Electric switch. 2,385,507; Sept. 25.
Gustafson, Gilbert E., River Forest, Ill., assignor to Zenith Radio Corporation. Sound reproducing unit and making the same. 2,371,819; Mar. 20.
Gustafson, Gilbert E., River Forest, Ill., assignor to Zenith Radio Corporation. Making sound reproducing units. 2,371,820; Mar. 20.
Gustafson, Gustaf, Yakima, Wash. Hose clamp applier. 2,371,439; Mar. 13.
Gustafson, Hilding B.: *See*—
Behrman, A. S., and Gustafson.
Gustafson, Hilding B., assignor to Infilco Incorporated, Chicago, Ill. Zeolite regeneration. 2,376,914; May 29.
Gustafsson, Eric: *See*—
Harker, G. A., Gustafsson, Allen, and Nelson.
Wilmes, W. L., Baur, and Gustafsson.
Gustafsson, Eric and J. W. Baur, assignors to Binks Manufacturing Company, Chicago, Ill. Liquid and gas separator. 2,377,549; June 5.
Gustin, Daniel S., Bloomfield, and D. Mullan, Hillside, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for filling envelopes. 2,369,563; Feb. 13.
Gustin, George M., assignor to The G. M. Diehl Machine Works, Wabash, Ind. Glue feeder for veneer machines. 2,372,894; Apr. 3.
Guthrie, James M., Allison Park, assignor to F. R. Kelley, Pittsburgh, Pa. Ventilator. 2,373,824; Apr. 17.
Gut, Elie: *See*—
Bustamante, Cesar, assignor.
Guth, Edwin F., Florissant, Mo. Fluorescent fixture. 2,369,228; Feb. 13.
Guth, Edwin F., Florissant, Mo. Lighting fixture. 2,379,798; July 3.
Guth, Stern & Co., Inc.: *See*—
Lippincott, Joshua G., assignor.
Guthrie, Andrew J., St. Albans, W. Va. Rubber dusting apparatus. 2,370,955; Mar. 6.
Guthrie, Cecil J., Kansas City, Kans. Blood testing apparatus. 2,380,168; July 10.
Guthrie, Eldred R., et al.: *See*—
Stow, Clarence E., assignor.
Guthrie, George B., East Palestine, Ohio. Dinnerware decorating machine. 2,367,722; Jan. 23.
Guthrie, James M., Allison Park, assignor to Reliance Steel Products Company, McKeesport, Pa. Portable bridge structure. 2,382,478; Aug. 14.
Guthrie, Speer W., Indiana, assignor to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Stoker. 2,366,783; Jan. 9.
Gutkin, Louis A., Winnipeg, Manitoba, Canada. Air circulating fan. 2,390,299; Dec. 4.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified urea aldehyde resin. 2,374,811; May 1.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified urea aldehyde resin. 2,374,812; May 1.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified phenol-aldehyde resin. 2,374,813; May 1.
Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company, Carnegie, Pa. Producing modified phenol aldehyde resin. 2,374,814; May 1.
Gutman, Henry, New York, N. Y. Ambulance and its equipment. 2,370,402; Feb. 27.
Gutman, Irwin: *See*—
Evans, G. E., and Gutman.
Gutman, Irwin, Lynbrook, N. Y., and G. E. Evans, deceased, Pittsburgh, Pa.; E. E. Ridge, executrix. Septic tank structure. 2,384,994; Sept. 18.
Gutman, Maurice R., Lynbrook, N. Y. Unit for drainage systems. 2,366,522; Jan. 2.
Gutmann, Otto: *See*—
Rodeck, Armin H., assignor.
Gutsell, Robert S., Carthage, N. Y. Centrifugal abrasive-sheet holding wheel. 2,377,880; June 12.
Guttmann, Eugen, Los Angeles, Calif. Vaginal speculum. 2,374,863; May 1.
Gutzwiller, Ernst, Basel, assignor to Sandoz A. G., Fribourg, Switzerland. Dyestuffs of the anthraquinone series and their manufacture. 2,377,145; May 29.
Gutzwiller, Ernst, Basel, assignor to Sandoz Ltd., Fribourg, Switzerland. Anthraquinone compounds and their manufacture. 2,386,309; Oct. 9.
Guver, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,374,539; Apr. 24.
Guy, Hubert G., Mount Lebanon Township, Allegheny County, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,377,626; June 5.
Guyer, Edwin M., J. T. Littleton, and M. R. Shaw, Jr., assignors to Corning Glass Works, Corning, N. Y. Double glazed window and manufacture. 2,389,360; Nov. 20.
Guyer, Jesse A.: *See*—
Schulze, W. A., and Guyer.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Match book. 2,373,025; Apr. 3.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Match book. 2,375,647; May 8.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Container. 2,383,853; Aug. 28.
Guyer, Reynolds, and G. G. Johnston, assignors to Waldorf Paper Products Company, St. Paul, Minn. Device for measuring specific volume. 2,373,026; Apr. 3.
Guyer, Reynolds, and R. J. Hennessey, assignors to Waldorf Paper Products Company, St. Paul, Minn. Shirt protecting device. 2,377,776; June 5.
Guyer, Reynolds, and R. J. Hennessey, assignors to Waldorf Paper Products Company, St. Paul, Minn. Constructing containers. 2,387,392; Oct. 23.
Guyer, Walter R. F., Elizabeth, N. J., assignor to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,374,932; May 1.
Guyot, Sebastienne M. H.: *See*—
Loth, W. A., and Guyot.
Guze, Emil B., assignor to F. & S. Machine Tool Company, Chicago, Ill. Safety device for drill press tables or the like. 2,368,982; Feb. 6.
Gwaltney, Eugene C., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Cotton carding mechanism. 2,369,893; Feb. 20.
Gwaltney, Eugene C., Biddeford, and H. R. Marsh, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Twister. 2,374,085; Apr. 17.
Gwaltney, Eugene C., Biddeford, and H. R. Marsh, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Yarn tensioning device. 2,391,307; Dec. 18.
Gwin, Gilmore T., Baytown, Tex., assignor to Standard Oil Development Company. Production of motor fuel. 2,385,133; Sept. 18.
Gwinn, Joseph M., Jr., San Diego, and C. L. R. Smeltzer, Spring Valley, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Countersink device. 2,383,854; Aug. 28.
Gwyn, Childress B., Bannockburn, Ill., assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Self-locking nut. 2,383,545; Aug. 28.
Gwynn, Bernard H., Oakmont, Pa., and E. F. Degering, assignors to Purdue Research Foundation, Lafayette, Ind. Condensation of ketene with ketones. 2,383,965; Sept. 4.
Gygax, Ernest, St. Louis, assignor to Curtis Manufacturing Company, Wellston, Mo. Evaporator plate. 2,369,564; Feb. 13.
Gygi, Hans, Wildegg, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Gas heater. 2,380,169; July 10.
Gyproc Products Limited: *See*—
Strable, Joseph F., assignor.
Gyro-Balance Corporation: *See*—
Rouy, Auguste L. M. A., assignor.

H & B American Machine Company: *See*—
Repass, George E., assignor.
Roddy, Fred M., assignor.
Walsh, S. R., and Repass, assignors.
H. & G. Roos Tool and Mfg. Co.: *See*—
Kaveny, John G., assignor.
H. K. Metal Craft Manufacturing Co.: *See*—
Hopp, H. P., and Kunzelman, assignors.
H-P-M Development Corporation: *See*—
Toulmin, Harry A., Jr., assignor.
Haack, Erich, Radebeul near Dresden, Germany; vested in the Alien Property Custodian. Making N-sulphonylureas. 2,385,571; Sept. 25.
Haacke, Henry: *See*—
Vollmer, Walter G., assignor.
Haag, Charles J., Hohokus, N. J. Dispensing package. 2,367,019; Jan. 9.
Haag, Herbert C., Hohokus, N. J. Bayonet. 2,367,212; Jan. 16.
Haagen-Smit, Arie J.: *See*—
English, J., Jr., Bonner, and Haagen-Smit.
Haagensen, Edward A., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Hydraulic sizer for suspended solids. 2,371,615; Mar. 20.
Haartz-Mason-Grower Company: *See*—
Clarke, Laurence R., assignor.
Haas, Clarence C., Richmond, Ind., assignor to International Harvester Company. Planter. 2,368,134; Jan. 30.
Haas, Fritz O.: *See*—
Spence, L. U., and Haas.
Spence, Le R. U., and Haas.
Haas, Fritz O., Villanova, assignor to Röhm & Haas Company, Philadelphia, Pa. Catalyst production. 2,384,737; Sept. 11.
Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Recessing wire coils. 2,385,357; Sept. 25.
Haas, Otto, Richmond Hill, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Flanged nut. 2,387,257; Oct. 23.
Haas, Otto R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing and binding machine. 2,388,739; Nov. 13.
Haas, Rudolf, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Apparatus for the longitudinal creping of webs of paper or other sheet material. 2,376,915; May 29.
Haas, Sidney V., Jr., East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Spring coupling. 2,374,815; May 1.
Haas, Sidney V., Jr., and K. G. Strunk, East Orange assignors to Breeze Corporation, Inc., Newark, N. J. Spring clasp for split cylinders. 2,385,202; Sept. 18.
Haas, Walter O., Jr.: *See*—
Fruth, H. F., Haas, and Walters.
Haas, Walter, Basel, assignor of one-half to Elektrizitats-Aktiengesellschaft Wädenswil, Zurich, Switzerland. Vise. 2,387,991; Oct. 30.
Haase, Carl O., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Annealing articles. 2,369,565; Feb. 13.
Haase, Heinrich E.: *See*—
Newton, L. R., Haase, and Walter.
Haase, Henry D., Claremont, Calif. Brush. 2,390,705; Dec. 11.
Habel, Berger R.: *See*—
Houston, J. V., and Habel.
Haber, Bernard D., Dayton, Ohio. Self-igniting attachment and making the same. 2,370,306; Feb. 27.
Haberkorn, Matthew J., Oak Park, Ill. Fish lure. 2,381,279; Aug. 7.
Haberl, Herbert W., Hampstead, Quebec, Canada. Multiple signaling carrier system with relaying protection. 2,387,146; Oct. 16.
Haberland, Frederick, Cleveland, Ohio, assignor to Pesco Products Co. Valve. 2,388,406; Nov. 6.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Yoke riveter. 2,370,858; Mar. 6.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Bucking Bar and support. 2,377,416; June 5.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Burnishing tool. 2,378,843; June 19.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Washing machine. 2,389,774; Nov. 27.
Haberstump, Alfred H., Detroit, M. K. Jessup, Grosse Pointe, and N. Wolofski, assignors to The Murray Corporation of America, Detroit, Mich. Spring construction. 2,386,456; Oct. 9.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,700; June 19.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,701; June 19.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,702; June 19.
Habib, Emile E., and G. E. Gott, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from liquid dispersions. 2,378,882; June 19.
Habib, Robert: *See*—
Grobet, Georges, assignor.
Habif, Maurice, Habana, Cuba. Container. 2,374,346; Apr. 24.
Habig, Harry R., Dayton, Ohio. Intervalometer. 2,388,686; Nov. 13.
Habostad, Arne, North Tacoma, Wash. Sled. 2,367,271; Jan. 16.
Habostad, Arne, Fairbanks, Alaska. Applicator. 2,381,048; Aug. 7.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Selective absorption. 2,372,668; Apr. 3.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for conducting catalytic reactions. 2,373,888; Apr. 17.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Butadiene production. 2,386,310; Oct. 9.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic dehydrogenation process. 2,386,947; Oct. 16.
Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of butadiene. 2,387,992; Oct. 30.
Hack, Frank W., Des Plaines, Ill. Boring head. 2,372,376; Mar. 27.
Hackbarth, Carl J., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making extensible retractile cords. 2,377,003; May 29.
Hackethal, Paul F., assignor to Everel Propeller Corporation, Baltimore, Md. Hub construction for propellers. 2,370,657; Mar. 6.
Hackett, Daniel A., Wanstead, assignor to Lever Brothers & Unilever Limited, Port Sunlight, England. Apparatus for cooling soap and similar solidifiable materials. 2,385,134; Sept. 18.
Hackett, George, West Bromwich, assignor to T. I. (Group Services) Limited, Birmingham, England. Drawbench dog. 2,367,941; Jan. 23.
Hackney, Ray, Glendale, Calif. Spreader for water heaters. 2,390,248; Dec. 4.
Hacmac, Edward R., assignor of ninety percent to M. Squires, Glendale, Calif. Device for aerating and dispensing liquid products. 2,376,052; May 15.
Hacmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Removal of light hydrocarbons from admixture with hydrogen fluoride. 2,376,051; May 15.
Haddad, Jerrier: *See*—
Leathers, W., and Haddad.
Haddad, Nassib, Iselin, N. J., assignor to United States Rubber Company, New York, N. Y. Making highly stretchable textile yarn. 2,387,321; Oct. 23.
Hadden, Edward L., Plainfield, N. J., assignor to Gibbs & Cox, Inc., New York, N. Y. Universal indicator for remote control deck sockets. 2,379,517; July 3.
Hadden, Stuart T., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for catalytic alkylation. 2,386,681; Oct. 9.
Haddock, Frederick T., Texon, Tex. Pilot valve for oil and gas separators. 2,382,710; Aug. 14.
Haddock, John L., and S. Dixon, Compton, Calif. Sucker rod hanger. 2,389,045; Nov. 13.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of dyestuffs. 2,368,657; Feb. 6.
Haddock, Norman H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of dyestuffs. 2,368,658; Feb. 6.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories Inc. Electric impulse signaling system. 2,366,854; Jan. 9.
Hadfield, Bertram M., Harrow Weald, England, assignor to Automatic Electric Laboratories Inc. Selective amplifier or oscillator. 2,386,892; Oct. 16.
Hadfield, James J., Disley, and D. Bamford, Middleton, England. Apparatus for effecting the shrinking or the stretching of textile fabrics. 2,374,482; Apr. 24.
Hadley Company, Inc., The: *See*—
Domler, Charles A., assignor.
Hadley, E. V.: *See*—
Steinmetz, Harry G., assignor.
Hadley, Frank W., Los Angeles, Calif. Extracting tongs. 2,382,145; Aug. 14.
Hadley, Wilfred N., assignor to Parks and Woolson Machine Company, Springfield, Vt. Seam protecting device for cloth shears. 2,375,732; May 8.
Hadley, Wilfred N., assignor to Parks & Woolson Machine Company, Springfield, Vt. Lubricating system for cloth shearing machines. 2,377,146; May 29.
Hadsel, Harry: *See*—
White, K. W., and Hadsel.

Haensel, Vladimir: *See*—
Ipatieff, V. N., and Haensel.
Thomas. C. L., and Haensel.

Haensel, Vladimir, and B. S. Friedman, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,378,216; June 12.

Haessler, William J., assignor to High Production Machine Co, Inc., Philadelphia, Pa. Automatic glue applying machine. 2,368,759; Feb. 6.

Häfeli, Jacob, Uster, assignor to Actiengesellschaft Joh. Jacob Rieter & Cie., Winterthur, Switzerland. Weighting device. 2,384,250; Sept. 4.

Hafemeister, Adley: *See*—
Piechowski, Leona, assignor.

Haferl, Rolf C., New York, and A. F. Hohne, assignors to The Jacobs Bros. Co., Inc., Brooklyn, N. Y. Scale. 2,388,912; Nov. 13.

Hafsos, Martin O., Aberdeen, S. Dak. Building unit and construction. 2,387,659; Oct. 23.

Hage, Olof, Goteborg, Sweden. Combination lock. 2,380,645; July 31.

Hage, Oscar, assignor of twenty-five to L. W. Moen and and twenty-five per cent to S. O. Moen, Culbertson, Montana. Device for removing and applying chain links. 2,379,001; June 26.

Hagedorn, David O., and E. Blanco, Los Angeles, Calif. Connector socket. 2,385,915; Oct. 2.

Hagedorn, Gerhard, Berlin-Lichterfelde-West, Germany; vested in the Alien Property Custodian. Device for electric resistance welding. 2,382,711; Aug. 14.

Hageline, Emil E.: *See*—
Lathrop, H. D., and Hageline.

Hagemann, John R., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine control apparatus. 2,386,110; Oct. 2.

Hagemeyer, Henry F., assignor to Castings Patent Corporation, Chicago, Ill. Mold form. 2,382,053; Aug. 14.

Hagemeyer, Hugh J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of zein solutions. 2,380,429; July 31.

Hagen, Eugene F., St. Louis, and H. E. Muench, University City, Mo. Clamp. 2,381,349; Aug. 7.

Hagen, Harold F., Millis, assignor to B. F. Sturtevant Company, Boston, Mass. Fan cooling system. 2,384,088; Sept. 4.

Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Propeller fan. 2,390,879; Dec. 11.

Häger, Bror O., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Impregnating solutions. 2,366,612; Jan. 2.

Häger, Bror O., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Wood preservative. 2,384,026; Sept. 4.

Häger, Bror O., and S. B. Kjellström, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Process and device for full-cell treatment of timber or similar material. 2,384,027; Sept. 4.

Hager, Hilmer B., Chicago, Ill. Oil burner. 2,391,567; Dec. 25.

Hagg, Arthur C., Wilkinsburg, and J. Boyd, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamometer. 2,389,361; Nov. 20.

Hagnauer, Hilbert W., et al.: *See*—
Gruner, William P., assignor.

Hagner, Frederick H., San Antonio, Tex. Star identifier. 2,372,487; Mar. 27.

Hagner, Frederick H., San Antonio, Tex., assignor to Archbold-Hagner Instrument Laboratory, Inc. Missile dispensing device. 2,389,851; Nov. 27.

Hagner, Frederick H., San Antonio, Tex. Azimuth and altitude measuring device. 2,389,852; Nov. 27.

Hagren, Nils U.: *See*—
Alexandersson, H. V., and Hagren.

Hagstrom, Gotthard, Berlin, assignor to The H. B. Ives Company, New Haven, Conn. Casement window operator. 2,366,613; Jan. 2.

Hagstrom, Jerome E.: *See*—
Andalikiewicz, B. A., Carlson, and Hagstrom.

Hague, Alfred, Ossining, N. Y. Thermal applicator. 2,387,258; Oct. 23.

Hague, Eugene: *See*—
Gunn, F. G., and Hague.

Hague, Wesley McL.: *See*—
Clinkscale, R. W., Hague, and Sylvester.

Hahir, Ward H.: *See*—
Schlage, W. R., and Hahir.

Hahir, Ward H., San Mateo, assignor to Schlage Lock Company, San Francisco, Calif. Wheel contour dresser. 2,380,693; July 31.

Hahn, Clarence E: *See*—
Brown, C. A., and Hahn.

Hahn, Harold V., and D. E. Phillips, Cleveland, Ohio. Lady's tuck comb. 2,372,080; Mar. 20.

Hahn, Herman J., Napoleon, Ohio, assignor to The Oliver Corporation. Corn harvester. 2,372,569; Mar. 27.

Hahn, Leonard E., Kansas City, Mo., assignor to Certain-teed Products Corporation, New York, N. Y. Apparatus for impregnating webs. 2,385,916; Oct. 2.

Hahn, Lewis F., Hatboro, Pa., assignor to Air-Shields, Inc. Shielded electrical connection. 2,367,175; Jan. 9.

Hahn, Marianne H.: *See*—
Hermann, S., Hahn, and Dorer.

Hahn, Otto W., assignor to Industrial Research Laboratories, Ltd., San Francisco, Calif. Burner control apparatus. 2,381,215; Aug. 7.

Hahn, Stuart H., Williamsville, assignor to The B. F. Goodrich Company, New York, N. Y. Vibration isolation. 2,383,645; Aug. 28.

Hahn, William C., Scotia, N. Y., assignor to General Electric Company. Electronic apparatus. 2,389,903; Nov. 27.

Haidler, John V.: *See*—
Langford, G. W., Barrows, and Haidler.

Haig, Paul, assignor to Inland Steel Company, Chicago Ill. Drive mechanism. 2,366,523; Jan. 2.

Haigh, Hezekiah, Scotia, N. Y., assignor to General Electric Company. Making elastic fluid turbine diaphragms and the like. 2,373,558; Apr. 10.

Haight, Norman L., Glen Ridge, assignor to Sperry Products, Inc., Hoboken, N. J. Follow-up mechanism. 2,390,787; Dec. 11.

Haigis, Carleton D., Martinsville, N. J. Radio control unit with interference suppression. 2,379,799; July 3.

Hailes, William D., Brighton, and F. W. Brixner, Gates, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,368,826; Feb. 6.

Haines, Harry F., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,379,399; June 26.

Haines, Harvey A., Philadelphia, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,367,723; Jan. 23.

Haines, John F.: *See*—
MacNeil, C. S. J., Haines, Martin, and Berninger.

Haines, John F., and T. B. Martin, Dayton, Ohio, assignors to General Motors Corporation. Propeller control mechanism. 2,391,699; Dec. 25.

Haines, Paul G.: *See*—
Woodward, C. F., Eisner, and Haines.

Haines, Robert B., 3rd, Near Hereford, Pa. Continuous press. 2,367,677; Jan. 23.

Hainsworth, William R., Larchmont, assignor to Servel, Inc., New York, N. Y. Steam generating apparatus. 2,368,467; Jan. 30.

Hajny, Charles E.: *See*—
Wantz, C., and Hajny, assignors.

Hajos, Eugene, Jamaica, assignor to Ampat Corp., New York, N. Y. Resilient tire and the like. 2,389,430; Nov. 20.

Hakki, Ismail, New York, N. Y. Auxiliary electrode support. 2,385,440; Sept. 25.

Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Wall structure for tanks. 2,377,080; May 29.

Haldane, James M., Palos Heights, assignor to H. W. Anderson, doing business as Brass Products Co., Chicago, Ill. Faucet. 2,372,081; Mar. 20.

Haldeman-Julius, Henry, Downey, Calif. Television method and apparatus. 2,367,272; Jan. 16.

Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,371,518; Mar. 13.

Hale, Arthur N., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ruffling and stitching machine. 2,377,777; June 5.

Hale, Arthur N., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker transmission mechanism for turning stitching sewing machines. 2,391,155; Dec. 18.

Hale, Charles B.: *See*—
Van Tuyl, T., and Hale.

Hale Company: *See*—
Hirsch, Frederic, assignor.

Hale, Frank B., San Francisco, Calif. Vehicle headlight control. 2,376,769; May 22.

Hale, Frank B., and O. I. Gaines, Edgewood Arsenal, Md., assignors to Patrick J. Hurley, Secretary of War, of the United States, as trustee for The United States of America. Apparatus for producing fibrous filters. 2,386,792; Oct. 16.

Hale, Frank C.: *See*—
Finlayson, D., and Hale.

Hale, Jackson T., assignor of one-fifth to A. Sams, Atlanta, Ga. Sheet feeding mechanism. 2,375,989; May 15.

Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bead lock. 2,381,382; Aug. 7.

Hale, Jesse W., Newton, Mass. Brake or clutch operator. 2,370,859; Mar. 6.

Hale, Walter S.: *See*—
Balls, A. K., Hale and Harris.

Hale, William J., Midland, Mich., and L. A. Underkofler, Ames, Iowa, assignors to National Agrol Company, Inc., Washington, D. C. Preparation of methyl vinyl ketone. 2,371,577; Mar. 13.

Halek, Frank, assignor to Bluhal Specialty Company, Cleveland, Ohio. Adjustable wear plate for pin setting frames. 2,379,148; June 26.

Haley, Hugh D., Drexel Hill, Pa., and J. J. Burke, assignors to American Viscose Corporation, Wilmington, Del. Centrifugal bucket assembly. 2,375,469; May 8.

Halford, Elaine, et al.: *See*—
Blalock, Henry H., assignor.

Halford, Frank B., Edgware, J. L. P. Brodie, London, and R. Miller, Edgware, assignors to The De Havilland Aircraft Company, Limited, Edgware, Middlesex, England. Construction of cams. 2,369,043; Feb. 6.
Halford, Frank B., Edgware, J. L. P. Brodie, London, and R. Miller, assignors to The De Havilland Aircraft Company, Limited, Edgware, England. Manufacture of pieces which are shaped by grinding. 2,373,827; Apr. 17.
Halford, Frank B., Edgware, and P. J. Wallace, Harrow Weald, assignors to D. Napier and Son Limited, London, England. Apparatus for the control of internal-combustion engines. 2,383,719; Aug. 28.
Halicki, William A., Detroit, Mich., and D. B. Gordon, Corvallis, Oreg., assignors to National Steel Corporation. Roof structure. 2,372,827; Apr. 3.
Hall, Albert, Philadelphia, Pa. Nonskid walking spur. 2,370,240; Feb. 27.
Hall, Archibald J., and F. C. Wood, assignors to Tootal Broadhurst Lee Company Limited, Manchester, England. Treatment of wool. 2,367,273; Jan. 16.
Hall, Asa W., Watseka, Ill. Ground working tool lift. 2,381,588; Aug. 7.
Hall, Blanche F., Kansas City, Mo. Corset and combination garment. 2,381,953; Aug. 14.
Hall, Charles T., Deptford, assignor to Molins Machine Company Limited, Deptford, London, England. Cartridge feeding mechanism for automatic guns. 2,366,395; Jan. 2.
Hall, Charles T., Deptford, assignor to Molins Machine Company, Limited, London, England. Mechanism for opening and ejecting the contents of boxes. 2,368,020; Jan. 23.
Hall, Charles T., and R. W. Harris, Deptford, London, S. E. 8, England. Machine for manipulating belts of cartridges for automatic guns. 2,390,097; Dec. 4.
Hall, Charles T., and R. W. Harris, London, S. E. 8, England. Machine for inserting cartridges into cartridge belts for automatic guns. 2,391,568; Dec. 25.
Hall, Charles W., assignor to Malcom S. Losey, Denver, Colo. Rotary valve. 2,369,566; Feb. 13.
Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Making storage battery retainers. 2,374,540; Apr. 24.
Hall, Earl D.: *See*—
Stinson, E. C., and Hall.
Hall, Edward F., assignor of one-half to W. A. Kostick, Minneapolis, Minn. Decalcomania seal. 2,378,078; June 12.
Hall, Edward T., New York, N. Y. Yarn winding frame. 2,373,393; Apr. 10.
Hall, Edwin L.: *See*—
Chaney, N. K., and Hall.
Hall, Edwin L., Philadelphia, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,371,616; Mar. 20.
Hall, Edwin L., Philadelphia, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,372,197; Mar. 27.
Hall, Edwin L., Philadelphia, Pa. assignor to The United Gas Improvement Company. Recovery of valuable hydrocarbons. 2,379,518; July 3.
Hall, Edwin L., Philadelphia, and H. R. Batchelder, Drexel Hill, Pa., assignors to The United Gas Improvement Company. Dehydrating tar. 2,366,899; Jan. 9.
Hall, Edwin L., and H. G. Terzian, Philadelphia, Pa., assignors to the United Gas Improvement Company. Production of valuable hydrocarbons. 2,372,198; Mar. 27.
Hall, Edwin L., Manchester, N. H., and H. R. Batchelder, Drexel Hill, Pa., assignors to The United Gas Improvement Company. High boiling unsaturated products of petroleum pyrolysis and heat polymers therefrom. 2,387,259; Oct. 23.
Hall, Elisha W., Scituate, and A. S. Rock, assignors to F. L. & J. C. Codman Company, Rockland, Mass. Rotary buffing tool. 2,376,053; May 15.
Hall, Elmo, Denver, Colo. Combined coat and skirt hanger. 2,381,159; Aug. 7.
Hall, Erik H., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,381,353; Aug. 7.
Hall, Frank W., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treating plastic compositions. 2,381,495; Aug. 7.
Hall, George F., Manchester, N. H. Hydraulic power transmission. 2,378,884; June 19.
Hall, Harry C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Tuning device with stop mechanism. 2,377,790; June 5.
Hall, Harry E., assignor to General Timber Service, Inc., St. Paul, Minn. Expansible wood downspout. 2,373,394; Apr. 10.
Hall, Harvey H., Denver, Colo. Electrode holder. 2,367,724; Jan. 23.
Hall, Helen J., Jr.: *See*—
Hall, Willard C., Jr.
Hall, Homer J., Roselle, N. J., assignor to Standard Oil Development Company. Hydrocarbon condensation process. 2,380,234; July 10.
Hall, Horace W., Newton, Mass. Laminated article and manufacture. 2,370,033; Feb. 20.
Hall, Ike D., Baytown, Tex., assignor to Standard Oil Development Company. Separating acetylenes from light hydrocarbons. 2,388,913; Nov. 13.
Hall, James B., Nashville, Tenn. Ship launching device. 2,387,147; Oct. 16.
Hall, John L., Charleston, W. Va. Production of formaldehyde. 2,384,028; Sept. 4.
Hall, John R., Chicago, Ill., assignor to International Harvester Company. Grinding mill. 2,389,505; Nov. 20.
Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Apparatus for removing moisture from liquid products. 2,367,770; Jan. 23.
Hall Laboratories, Inc: *See*—
Jackson, Henry A., assignor.
Partridge, Everett P., assignor.
Hall, Leigh B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Illuminating device. 2,373,559; Apr. 10.
Hall, Lewis H., Springfield, Mass. Trouser hanger. 2,379,634; July 3.
Hall, Lloyd A., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Capsicum-containing seasoning composition. 2,385,412; Sept. 25.
Hall, Mora S., Brentwood, and A. B. and W. Bornstein, Takoma Park, Md. Plugless valve. 2,387,660; Oct. 23.
Hall, Norman, Durham, England. Manufacture of small drilled and tapped parts such as hexagon and other nuts. 2,371,440; Mar. 13.
Hall, Preston M., Worcester, Mass. Electrode holder. 2,374,284; Apr. 24.
Hall, Preston M., Worcester, Mass. Electrode holder. 2,390,936; Dec. 11.
Hall, Roy M., Laredo, Tex., assignor of one-half to S. Konaszewski, Brooklyn, N. Y. Piston for internal-combustion engines. 2,380,907; July 31.
Hall, Russell M., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,368,542; Jan. 30.
Hall, Stanley A.: *See*—
Palkin, S., and Hall.
Hall, Stanley A., Mt. Rainier, Md., and B. V. Travis and H. A. Jones, Orlando, Fla.; dedicated to the free use of the people of the territory of the United States. Insect-repellent composition. 2,390,249; Dec. 4.
Hall, Theodore P., San Diego, Calif., assignor to Consolidated Vultee Aircraft Corporation. Releasable load compartment for aircraft. 2,370,307; Feb. 27.
Hall, Theodore P., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane fairings. 2,381,350; Aug. 7.
Hall, Theodore W.: *See*—
Hogan, J. H., Kettler, Judkins, and Hall.
Hall, Tudor N., Highlands, N. C. Electric hot water heater. 2,376,537; May 22.
Hall, W. F., Printing Company: *See*—
Blow, Richard, assignor.
Hall, Walter T., Winchester, assignor to Arthur D. Little, Inc., Cambridge, Mass. Distillation heat exchange method and apparatus. 2,379,519; July 3.
Hall, Wayne C.: *See*—
Gunn, R., and Hall.
Hall, Wesley F., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Apparatus for electrogalvanizing. 2,377,550; June 5.
Hall, Willard C., Jr., assignor to Helen J. Hall, Jr., Los Angeles, Calif. Magnetic polarity changing circuit. 2,387,016; Oct. 16.
Hall, William H., Jr., assignor to Thermoid Company, Trenton, N. J. Composite yarn and fabric. 2,388,140; Oct. 30.
Hallander, Jósef A., Stockholm, Sweden. Box switch. 2,383,546; Aug. 28.
Hallberg, Elmer E., and C. F. Vinci, assignors to Rockford Machine Tool Company, Rockford, Ill. Actuating system for machine tools. 2,377,627; June 5.
Hallead, Mervil, Detroit, Mich., and P. R. Fechheimer, assignors to The Karl Kiefer Machine Company, Cincinnati, Ohio. Folding the ends of collapsible tubes. 2,389,506; Nov. 20.
Hallenius, Alfred R., Spokane, and Fred F. Feese, Republic, Wash. Water filter. 2,372,570; Mar. 27.
Haller, Herbert L. J.: *See*—
Barthel, W. F., and Haller.
Gertler, S. I., and Haller.
Haller, John, Northville, Mich. Automatic feed mechanism for punching and stamping presses. 2,379,002; June 26.
Hallett, Albert A.: *See*—
Goddard, A. W., and Hallett.
Hallett, Alfred, Los Angeles, assignor to Hallett Manufacturing Company, Inglewood, Calif. Combination coil and resistor shield. 2,367,396; Jan. 16.
Hallett, Alfred, Los Angeles, assignor to Hallett Manufacturing Company, Inglewood, Calif. Battery and magneto switch shield. 2,377,628; June 5.
Hallett, Edward D., Phoenix, Ariz. Rubber substitute and making same. 2,366,396; Jan. 2.
Hallett Manufacturing Company: *See*—
Hallett, Alfred, assignor.
Hallewell, Harold S., Hillingdon, England. Renovating worn gap gauges. 2,384,674; Sept. 11.
Hallinan, William W., Mendota, Ill. Heating system. 2,369,044; Feb. 6.

Hallinan, William W., Mendota, Ill. Filter. 2,389,431; Nov. 20.
Hallman, Alvin O.: *See*—
Butt, C. A., and Hallman.
Hallman, Eric B., Conshohocken, and C. C. Weaver and C. A. McGough, Jr., assignors to Electric Service Supplies Company, Philadelphia, Pa. Multiple reflector for lighting units. 2,369,894; Feb. 20.
Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Keystone correction circuit. 2,366,902; Jan. 9.
Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Keystone correction circuit. 2,369,824; Feb. 20.
Hallmark, Clyde E., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Impulse amplifier. 2,375,551; May 8.
Hallock, Eugene D., Buffalo, N. Y., assignor to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Clasp. 2,380,430; July 31.
Hallock, Robert L., Larchmont, N. Y., assignor to Elastic Stop Nut Corporation of America, Union, N. J. Fastening device. 2,374,679; May 1.
Hallock, Robert L., Larchmont, N. Y. Suction nozzle for vacuum cleaners. 2,377,778; June 5.
Hallock, Robert L., Larchmont, N. Y. Grid for ice trays. 2,378,845; June 19.
Halloran, Clara I., administratrix: *See*—
Halloran, Thomas F.
Halloran, Thomas F., New York, N. Y., deceased, C. I. Halloran, administratrix. Safety nonglow cigarette or cigar shield. 2,366,686; Jan. 2.
Hallowell, Howard T., Jr., assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Indexing means for rotary worktables. 2,376,137; May 15.
Hallowell, Howard T., Jr., assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Transfer mechanism. 2,380,306; July 10.
Hallows, Raymond L., and F. B. Barrett, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Manufacturing lead silicate. 2,366,255; Jan. 2.
Hallows, Raymond L., and F. Clearman, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati Ohio. Manufacture of zinc oxide. 2,368,922; Feb. 6.
Hallstrom, Charles A., and R. E. Tibbetts, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Making springs. 2,388,537; Oct. 6.
Halperin, J. Stanley, et al.: *See*—
Wolfers, Philip, assignor.
Halpert, John, and E. Lambert, Brooklyn, N. Y. Grip hanger. 2,385,076; Sept. 18.
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine locking mechanism. 2,376,355; May 22.
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Bunch locating and transfer mechanism. 2,389,256; Nov. 20.
Halstead, William S., Huntington, N. Y. Automatic recording and reproducing system. 2,385,701; Sept. 25.
Halstead, William S., Huntington, N. Y., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Carrier wave signaling system. 2,389,257; Nov. 20.
Halverson, Clarence O., Mason City, Iowa. Stock feeder. 2,371,617; Mar. 20.
Hambrick, Hood, Houston, Tex. Flexible measuring tape attachment. 2,371,441; Mar. 13.
Hamer, August M., Liberty, Tex. Pump. 2,366,397; Jan. 2.
Hamer, Leland S., Long Beach, assignor of one-fourth to P. A. Dewhirst, Los Angeles, Calif. Line blind. 2,386,893; Oct. 16.
Hamer, Leland S., Long Beach, Calif. Valve. 2,389,194; Nov. 20.
Hamill, Hugh, Portland, Oreg. Steering apparatus. 2,368,135; Jan. 30.
Hamill, William H., and R. R. Vogt, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Absorption and recovery of acetylene by a cryogenic method. 2,383,547; Aug. 28.
Hamilton, Alfred E., Pittsburgh, Pa. Grinding roll. 2,368,760; Feb. 6.
Hamilton Associated Industries: *See*—
Antalek, John J.
Hamilton, Francis E.: *See*—
Lake, C. D., and Hamilton.
Hamilton, Frank C., Newark, N. J. Projectile game. 2,382,146; Aug. 14.
Hamilton, George E., assignor to Keystone View Company, Meadville, Pa. Attachment for picture projecting apparatus. 2,387,441; Oct. 23.
Hamilton, George E., Meadville, Pa., assignor to Keystone View Company. Device for visual training. 2,387,442; Oct. 23.
Hamilton, James K., Plainfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Divergent-outlet cutting torch. 2,373,309; Apr. 10.
Hamilton, Lyle A., Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phosphonamide. 2,382,309; Aug. 14.
Hamilton, Lyle A., and R. C. Moran, Wenonah, and A. R. Cattell, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral wax composition. 2,371,289; Mar. 13.
Hamilton Manufacturing Company: *See*—
Berger, Guido F., assignor.
Froelich, George E., assignor.
Geimer, Anthony P., assignor.
Hamilton Metal Products Company, The: *See*—
Piker, Herbert M., assignor.
Hamilton, Norman, Deerfield, and W. Stern, Chicago, assignors to Montgomery Ward & Co., Incorporated, Chicago, Ill. Sealing cartons. 2,368,214; Jan. 30.
Hamilton, Ray C., Marion, Ohio. Tractor crane. 2,378,008; June 12.
Hamilton, Samuel B., Knoxville, Tenn. Incendiary bomb. 2,383,720; Aug. 28.
Hamilton, Van A., Palestine, Tex. Constructing walls. 2,375,648; May 8.
Hamilton, Virgil: *See*—
Antalek, John J., assignor.
Hamilton, Vivian E., Jr., Shreveport, La. Loading and unloading apparatus. 2,371,887; Mar. 20.
Hamilton, Wallace, assignor to Draper Corporation, Hopedale, Mass. Picking mechanism. 2,380,170; July 10.
Hamilton, Walter Arlee, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Heavy-media fine ore concentration. 2,369,393; Feb. 13.
Hamilton Watch Company: *See*—
Bennett, William O., Jr., assignor.
Bennett, W. O., Jr., and Drescher, assignors.
Breen, W. F., and Good, assignors.
Drescher, Ernest W., assignor.
Henry, Ralph W., assignor.
Hovis, Harry Le R., assignor.
Le Van, James O., assignor.
Mentzer, Ralph B., assignor.
Paroz, P. N., and Grisdale, assignors.
Weaver, Harry D., assignor.
Hamlin, Josephine, Cold Spring Harbor, N. Y. Detachable arm shield for garments. 2,369,229; Feb. 13.
Hamm, Douglas: *See*—
Lane, P. S., and Hamm.
Hammarlund Manufacturing Company, Incorporated, The: *See*—
Whitaker. James N., assignor.
Hammer, Charles F.: *See*—
Canetta, J., and Hammer.
Hammer, Nathan, New York, N. Y. Time indicating mechanism. 2,380,171; July 10.
Hammer, Otto, assignor to Security Engineering Co., Inc., Whittier, Calf. Apparatus for multiple stage cementing. 2,384,675; Sept. 11.
Hammermill Paper Company: *See*—
Samson, E. W., and Croup, assignors.
Hammerstrom, Oscar: *See*—
Hodgkins, C. H., and Hammerstrom.
Hammon, Alberta M., executrix: *See*—
Hammon, James H.
Hammon, James H., deceased, Vincennes, Ind.; A. M. Hammon, executrix. Making multifocal ophthalmic lens blanks. 2,388,687; Nov. 13.
Hammond, Benjamin M., Colusa, Calif. Fishhook. 2,385,274; Sept. 18.
Hammond, Charles F., Grosse Pointe, assignor to Gemmer Manufacturing Company, Detroit, Mich. Irreversible transmission. 2,371,442; Mar. 13.
Hammond, Edgar S., Bloomfield, N. J., assignor to Blaw-Knox Company. Combustion of coal. 2,385,508; Sept. 25.
Hammond, Edmund B., Brooklyn, and D. J. Campbell, Richmond Hill, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Range finder. 2,382,991; Aug. 21.
Hammond, Elmer H., Fairfield, and E. H. Grauel, Bridgeport, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Fluid pressure signal. 2,373,755; Apr. 17.
Hammond, Ernest V., Columbia, Miss. Animal trap. 2,376,591; May 22.
Hammond, Harris: *See*—
Hicks, William H., assignor.
Hammond Instrument Company: *See*—
Hanert, John M., assignor.
White, Robert J., assignor.
Hammond Iron Works, et al.: *See*—
Kopf, Robert Y., assignor.
Hammond, John H., Jr., Gloucester, Mass. Steering mechanism for vessels. 2,369,456; Feb. 13.
Hammond, Laurens, Chicago, Ill. Camera shutter. 2,383,381; Aug. 21.
Hammond Machinery Builders, Inc.: *See*—
Antrim, Charles H., assignor.
Harrison, Norman A., assignor.
Krueger, Edward C., assignor.
Losey, Arthur H., assignor.
Hammond, Richard N., Longview, Wash., assignor to General Timber Service, Inc., St. Paul, Minn. Preservation and fireproofing of wood. 2,381,049; Aug. 7.
Hamnett, Aurora C., executrix: *See*—
Hamnett, Samuel A.
Hamnett, Samuel A., deceased, Los Angeles, Calif.: A. C. Hamnett, executrix. Marking device. 2,383,646; Aug. 28.

Hampel, Clifford A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching cellulosic material. 2,367,771; Jan. 23.
Hampson, Frederick W., assignor to Plating Processes Corporation, Holyoke, Mass. Electroplating process. 2,372,488; Mar. 27.
Hampson, Frederick W., assignor to Plating Processes Corporation, Holyoke, Mass. Leak detector for electrolyte tanks. 2,372,489; Mar. 27.
Hampson, Frederick W., assignor to Plating Processes Corporation, Holyoke, Mass. Electroplating apparatus. 2,389,904; Nov. 27.
Hampton, Burt L.: *See*—
Hasselstrom, T., and Hampton.
Hampton, John H., Oaklyn, N. J., assignor to Beaumont Birch Company, Philadelphia, Pa. Conveyer. 2,379,351; June 26.
Hampton, Leon N., New York, N. Y., and A. H. Shangle, Roselle, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric heating unit. 2,369,045; Feb. 6
Hampton, Weldon O., assignor to The Delta Star Electric Company, Chicago, Ill. Electric expansion joint. 2,368,923; Feb. 6.
Hamrick, Obie E., Erie, Pa. Brake release valve. 2,388,538; Nov. 6.
Hanak, Frank J., assignor of fifty per cent to J. Stelnicki, Toledo, Ohio. Combined eye shield and guard. 2,382,147; Aug. 14.
Hanauer, Henry J.: *See*—
Groth, A., and Hanauer.
Hanawalt, Joseph D., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,380,838; July 31.
Hanawalt, Joseph D., and T. M. Hess, assignors to The Dow Chemical Company, Midland, Mich. Production of metallic magnesium. 2,384,835; Sept. 18.
Hance, Francis E., Honolulu, Territory of Hawaii. Herbicides. 2,370,349; Feb. 27.
Hanchett Manufacturing Co.: *See*—
Hanchett, Ralph V., assignor.
Hanchett, Ralph V., assignor to Hanchett Manufacturing Co., Big Rapids, Mich. Grinding apparatus. 2,371,582; Mar. 13.
Hancock Oil Company of California: *See*—
Hancock, William T., assignor.
Hancock, Peter F.: *See*—
Robiette, A. G. E., and Hancock.
Hancock Manufacturing Company: *See*—
Marple, Rollo, assignor.
Hancock, William O., Knoxville, Iowa. Cultivator attachment. 2,368,136; Jan. 30.
Hancock, William T., assignor to Hancock Oil Company of California, Long Beach, Calif. Polymerization of oils. 2,383,189; Aug. 21.
Hand, William L., Chicago, Ill. Control device for heat exchange system. 2,380,839; July 31.
Handelsman, Bert, West Bridgewater, Pa. Safety shoe tce. 2,381,280; Aug. 7.
Handforth, Stanley L., Wilmington, Del., and C. R. Johnson, Glenn Mills, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting initiator. 2,376,427; May 22.
Handler, Charles: *See*—
Billinghurst, Wilfred A., assignor.
Handley, Ernest W., Arlington, and W. Segerstrom, Somerville, Mass. Vending machine. 2,384,089; Sept. 4.
Handley, Guy F., Minneapolis, Minn. Antiglare device. 2,382,875; Aug. 14.
Handley, Harold D., Hamilton, Ohio, assignor to American Can Company, New York, N. Y. Feeding and blanking die mechanism. 2,366,728; Jan. 9.
Handley, John, Ferndown, Northwood Hills, Northwood, Middlesex, assignor to Standard Telephones and Cables Limited, London, England. Machine for manufacturing soldered parts. 2,367,274; Jan. 16.
Handley, William C.: *See*—
Quayle, Joshua C., and Handley.
Handy & Harman: *See*—
Leach, Robert H., assignor.
Hanemann, Herman G., Radburn, N. J., assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Diamond die drilling machine. 2,388,610; Nov. 6.
Hanert, John M., Wilmette, assignor to Hammond Instrument Company, Chicago, Ill. Sound recording method and apparatus. 2,373,560; Apr. 10.
Hanert, John M., Wilmette, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical apparatus. 2,382,413; Aug. 14.
Hanes, Allen T., Jr., Columbus, Ohio. Tool setting gauge. 2,380,593; July 31.
Hanes, Merle H., Wood River, Ill., assignor to Olin Industries, Inc. Electric induction furnace. 2,385,983; Oct. 2.
Hanes, P. H., Knitting Company: *See*—
Hanes, Pleasant H., assignor.
Hanes, Pleasant H., assignor to P. H. Hanes Knitting Company, Winston-Salem, N. C. Garment. 2,377,004; May 29.
Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Production of insulation materials. 2,367,275; Jan. 16.
Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Production of absorbent materials. 2,372,669; Apr. 3.
Haney, Clifford I., Greenwich, Conn., M. E. Martin, and T. E. McGoury, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of wood. 2,389,195; Nov. 20.
Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Treating cellulosic materials. 2,391,569; Dec. 25.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric esters. 2,371,990; Mar. 20.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing olefinic hydrocarbons. 2,373,561; Apr. 10.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of maleic anhydride. 2,378,629; June 19.
Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic polysilicon esters. 2,386,793; Oct. 16.
Hanford, William E., Easton, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogen-modified polymers of ethylene. 2,387,755; Oct. 30.
Hanford, William E., and J. R. Roland, Wilmington, Del., and H. S. Young, Fairville, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing ethylene. 2,377,779; June 5.
Hanford, William E., and J. R. Roland, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of esters. 2,378,009; June 12.
Hanisch, Arthur, et al.: *See*—
Walliser, Robert E., assignor.
Hanke, William T., Detroit, Mich. Utensil handle. 2,368,297; Jan. 30.
Hanke, William T., Detroit, Mich. Utensil handle. 2,370,860; Mar. 6.
Hanke, William T., Detroit, Mich. Antisiphoning plug. 2,373,470; Apr. 10.
Hankinson, Cloyce L., Milwaukee, assignor to Carnation Company, Oconomowoc, Wis. Producing crystalline rennin. 2,376,848; May 22.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Typewriter eraser. 2,386,948; Oct. 16.
Hanley, Albert J., Edgewood, R. I., assignor to Bakelite Corporation, New York, N. Y., and Respro Inc., Cranston, R. I. Moldable fiber composition. 2,378,477; June 19.
Hanley, Edmund C., Muskegon, Mich. Combination separable salt-and-pepper shaker. 2,376,855; May 29.
Hanley, Edward J., Kingston, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Electric squib. 2,370,159; Feb. 27.
Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 2,376,248; May 15.
Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 2,383,788; Aug. 28.
Hanlon, Robert H., and F. B. Farnsworth, assignors to The Ohio Injector Company, Wadsworth, Ohio. Injector. 2,381,216; Aug. 7.
Hann, William H., Hackettstown, N. J. Tennis court marker. 2,377,780; June 5.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulating system. 2,374,012; Apr. 17.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stabilizing and positioning apparatus. 2,381,160; Aug. 7.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Velocity-compensated control mechanism. 2,385,204; Sept. 18.
Hanna, Clinton R., and W. O. Osbon, Pittsburgh, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Phase responsive governor system. 2,383,306; Aug. 21.
Hanna, Clinton R., Pittsburgh, and S. J. Mikina and L. B. Lynn, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric turret traverse. 2,385,203; Sept. 18.
Hanna, Clinton R., Pittsburgh, S. J. Mikina, and L. B. Lynn, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gyroscope. 2,389,775; Nov. 27.
Hanna, Henry M., assignor of one-fourth to V. H. Nye, Kansas City, Mo. Toy bombing game. 2,384,166; Sept. 4.
Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Trolley conductor device. 2,383,721; Aug. 28.
Hanna, Raymond P., and L. F. Brahmer, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley conductor device. 2,374,013; Apr. 17.
Hanna, Raymond P., and W. B. Atkinson, Pittsburgh, and L. F. Brahmer, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Trolley conductor insulator. 2,384,995; Sept. 18.
Hanna, William T., Cincinnati, Ohio. Stoker apparatus. 2,380,840; July 31.

Hannaford, Cleon M., Toledo, Ohio, deceased, M. L. Hannaford, executrix. Dust guard for journal boxes. 2,372,720; Apr. 3.

Hannaford, Marie L., executrix: *See*—
Hannaford, Cleon M.

Hannan, Douglas, assignor to Comprehensive Fabrics, Inc., New York, N. Y. Umbrella retaining device. 2,373,471; Apr. 10.

Hanneman, Walter M., Oak Park, assignor to Illinois Tool Works, Chicago, Ill. Fastener unit. 2,391,308; Dec. 18.

Hannon, Tolbert, San Francisco, Calif. Window locking device. 2,380,694; July 31.

Hannum, Clement E., Chicago, Ill. Camera and the like. 2,377,341; June 5.

Hanrahan, James F.: *See*—
Pruneau, J. L., Mullally, and Hanrahan.

Hanrahan, William I., Bronxville, N. Y., assignor, by mesne assignments, to United States Steel Products Company, Los Angeles, Calif. Closure construction for metallic containers. 2,369,895; Feb. 20.

Hanrahan, William I., Bronxville, N. Y., assignor, by mesne assignments, to United States Steel Products Company, Sharon, Pa. Making and attaching drum chimes and heads. 2,386,311; Oct. 9.

Hanrahan, William I., Bronxville, N. Y., assignor to United States Steel Products Company, Sharon, Pa. Drum chime and head. 2,386,312; Oct. 9.

Hans, Edmund E., Detroit, Mich. Rain separator for automobile ventilating devices. 2,372,377; Mar. 27.

Hans, Edmund E., Detroit, Mich. Heater arrangement. 2,382,712; Aug. 14.

Hans, Raymond E., Pascagoula, Miss. Cable drum for motor vehicles. 2,377,881; June 12.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Resistance having a low temperature coefficient. 2,366,614; Jan. 2.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electrical transmission of messages. 2,370,160; Feb. 27.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,373,562; Apr. 10.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,374,746; May 1.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio communication system. 2,379,899; July 10.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Receiving system. 2,379,900; July 10.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio system. 2,381,444; Aug. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Pulse transmission system. 2,381,445; Aug. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Generating currents for non-signaling purposes. 2,381,496; Aug. 7.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio relaying system. 2,382,414; Aug. 14.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Potential ratio-controlled amplifier. 2,383,855; Aug. 28.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling. 2,388,052; Oct. 30.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Communication method and system. 2,388.053; Oct. 30.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Communication system by pulses through the earth. 2,389,432; Nov. 20.

Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Cathode ray tube and circuit. 2,390,250; Dec. 4.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Energy conservation in radio systems. 2,369,230; Feb. 13.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Preventing light reflection. 2,376,428; May 22.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Device for measuring peak currents. 2,378,846; June 19.

Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna. 2,379,706; July 3.

Hansen, Arthur R., Chicago, Ill. Film processing apparatus. 2,378,217; June 12.

Hansen, Carl V., Cedar Falls, Iowa. Hydraulic lift. 2,381,664; Aug. 7.

Hansen, Charles W.: *See*—
Krause, N. R., and Hansen.

Hansen, Elmer K., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heat-treating furnace. 2,383,307; Aug. 21.

Hansen, Gerhard, Jena, Germany; vested in the Alien Property Custodian. Refractometer for turbid liquids and pulpous substances. 2,387,581; Oct. 23.

Hansen, Hans H., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Toothed clutch mechanism. 2,388,407; Nov. 6.

Hansen, Harold O., Eureka, Calif. Air-cooled engine. 2,374,483; Apr. 24.

Hansen, John N.: *See*—
Britton, E. C., and Hansen.
Smith, F. B., and Hansen.

Hansen, Klaus L., Milwaukee, Wis. Commutation means for rotary rectifiers. 2,389,507; Nov. 20.

Hansen, Kristian, assignor to himself and A. F. Robert, Louisville, Ky. Rotary transfer assembly. 2,366,615; Jan. 2.

Hansen, Louis E., Toronto, Ontario, Canada. Holder for stropping razor blades. 2,368,924; Feb. 6.

Hansen Mfg. Company: *See*—
Hansen, W. L., and Hurst, assignors.

Hansen, Odd A., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for dispensing liquefied gases. 2,368,215; Jan. 30.

Hansen, Odd A., Kenmore, and P. M. Riede, Buffalo, assignors to The Linde Air Products Company, New York, N. Y. Method and apparatus for distributing liquefied gas. 2,385,984; Oct. 2.

Hansen, Richard H., Jr.: *See*—
Luth, H. J., Krupnick, and Hansen.

Hansen, Sern L., Northfield, Ohio. Rapid-fire gun. 2,374,816; May 1.

Hansen, Siegfried, Schenectady, N. Y., assignor to General Electric Company. Cathode-ray deflecting means. 2,383,308; Aug. 21.

Hansen, Walter H., Ephraim, Utah. Open-center snow track. 2,385,758; Sept. 25.

Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Princeton, Ind. Rotor. 2,374,347; Apr. 24.

Hansen, William W.: *See*—
Ginzton, E. L., and Hansen.
Varian, R. H., Hansen, and Ginzton.

Hansen, William W., assignor to The Board of Trustees of The Leland Stanford Junior University, Stanford, Calif. High frequency apparatus for heating organic material. 2,370,161; Feb. 27.

Hansen, William W., and R. H. Varian, assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Dielectric guide signaling. 2,375,223; May 8.

Hansen's, Chr., Laboratory, Inc.: *See*—
Helmer, R. G., and Farnham, assignors.

Hansgirg, Fritz J., Black Mountain, assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Treatment of metallic material. 2,367,020; Jan. 9.

Hansgirg, Fritz J., Black Mountain, N. C., assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Manufacturing metallic magnesium from magnesium silicates. 2,372,571; Mar. 27.

Hansgirg, Fritz J., Black Mountain, assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Producing metallic magnesium from magnesium silicates. 2,379,576; July 3.

Hansgirg, Fritz J., Black Mountain, assignor to North Carolina Magnesium Development Corporation, Asheville, N. C. Apparatus for producing metallic magnesium. 2,383,856; Aug. 28.

Hansgirg, Fritz J., San Mateo, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Manufacturing magnesium. 2,382,713; Aug. 14.

Hansgirg, Fritz J., San Mateo, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Manufacturing metallic magnesium. 2,390,531; Dec. 11.

Hansgirg, Fritz J., Los Altos, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, San Francisco, Calif., as trustee. Apparatus for refining sublimable material. 2,391,156; Dec. 18.

Hansley, Quincey, New York, N. Y. Bowling alley. 2,372,572; Mar. 27.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkali metal hydride. 2,372,670; Apr. 3.

Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkali metal hydride. 2,372,671; Apr. 3.

Hansley, Virgil L., and J. E. Bristol, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lactonitrile acetate. 2,390,098; Dec. 4.

Hanslick, Roy S., Philadelphia, Pa., assignor to American Cyanamid Company, New York, N. Y. β,β'-iminodipropionimide. 2,377,147; May 29.

Hanslick, Roy S., Wyndmoor, Pa., assignor to United States Rubber Company, New York, N. Y. Vulcanization accelerators. 2,386,457; Oct. 9.

Hanson, Abraham G., Monrovia, Calif. Self-locking pliers. 2,370,308; Feb. 27.

Hanson, Alden W.: *See*—
Goggin, W. C., Matheson, and Hanson.

Hanson, Alden W., assignor to The Dow Chemical Company, Midland, Mich. Making fine fibers. 2,385,358; Sept. 25.

Hanson, Alden W., and W. C. Goggin, assignors to The Dow Chemical Company, Midland, Mich. Preservation of textile materials. 2,371,618; Mar. 20.
Hanson, Alden W., and W. C. Coggin, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,910; Sept. 18.
Hanson, Edna: *See*—
Nelson, Clarence D., assignor.
Hanson, Edward, Cleveland, Ohio. Packing. 2,366,729; Jan. 9.
Hanson & Edwards Limited: *See*—
Jones, Charles, assignor.
Hanson, Gerald N.: *See*—
Frische, C. A., and Hanson.
Hanson, Harley J., Milwaukee, Wis. Portable container. 2,383,058; Aug. 21.
Hanson, Harold F., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Driving mechanism. 2,384,996; Sept. 18.
Hanson, Harry E. J.: *See*—
McCarroll, R. H., McCloud, and Hanson.
Hanson, Hilding, Charleston, W. Va., and R. W. Skoog and L. H. Grisso, Borger, Tex., assignors to United Carbon Company, Inc., Charleston, W. Va. Apparatus for producing carbon black. 2,368,827; Feb. 6.
Hanson, Hilding, Charleston, W. Va., and R. W. Skoog, Borger, Tex., assignors to United Carbon Company, Inc., Charleston, W. Va. Producing carbon black. 2,368,828; Feb. 6.
Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning systems for passenger vehicles. 2,367,276; Jan. 16.
Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Web drier. 2,378,703; June 19.
Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Web drier. 2,388,226; Oct. 30.
Hanson, Milton E., Haddonfield, N. J., and R. T. Palmer, Sharon, assignors to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Refrigeration system for air conditioned passenger vehicles. 2,388,210; Oct. 30.
Hanson-Van Winkle-Munning Company: *See*—
Case, Bernard C., assignor.
Hall, Wesley F., assignor.
Hanson, Victor A.: *See*—
Berg, W. H. C., and Hanson.
Hanson, Wesley T., Jr.: *See*—
Evans, R. M., and Hanson.
Williams, F. C., Hanson, Jr., and Ott.
Hanson, Wesley T., Jr., Oak Ridge, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Color printing system. 2,388,842; Nov. 13.
Hanson, Wesley T., Jr., and R. M. Evans, assignors to Eastman Kodak Company, Rochester, N. Y. Color printing. 2,369,457; Feb. 13.
Hansson, Arthur D., Shrewsbury, N. J. Braking device for airplanes. 2,384,997; Sept. 18.
Hanville, Scott H., Jr.: *See*—
Harding, W. R., and Hanville.
Harding, W. R., and Hanville, Jr.
Hanwell, Cedric H.: *See*—
Steinle, L. C., and Hanwell.
Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Automatic pulsator for milking machines. 2,379,483; July 3.
Hapman, Henry W., Detroit, Mich. Resilient flight conveyer. 2,391,700; Dec. 25.
Happe, Arthur H., assignor of one-half to H. A. Sperlich, Detroit, Mich. Ironing shoe. 2,372,270; Mar. 27.
Happe, Christopher, Granville, Wis. Oil burner. 2,368,356; Jan. 30.
Hara, Takeshi: *See*—
Yamamoto, R., and Hara.
Harasta, Clarence J., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Optical gun sight. 2,382,631; Aug. 14.
Harbaugh, Max L., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of anhydrous sodium sulphate. 2,374,285; Apr. 24.
Harbaugh, Watson D.: *See*—
Strauss, A., Feltman, Hunt, and Harbaugh.
Strauss, H. M. A., and Harbaugh.
Harber, Laurence S., assignor to Baker Perkins Limited, Peterborough, England. Conveying means. 2,380,172; July 10.
Harbers, Henry C., San Gabriel, assignor to C. B. Equipment Co., Los Angeles, Calif. Motor vehicle chassis for tanks. 2,374,196; Apr. 24.
Harbers, Henry C., San Gabriel, assignor to C. B. Equipment Co., Los Angeles, Calif. Six wheel motor vehicle. 2,378,704; June 19.
Harbert, Carl J.: *See*—
Harshaw, W. J., and Harbert.
Harbert, Carl J., Shaker Heights, Ohio, and W. C. Morris, Gainesville, Fla., assignors to The Harshaw Chemical Company, Elyria, Ohio. Glass enamel composition. 2,390,366; Dec. 4.
Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Pin and lock. 2,379,296; June 26.
Harbert, William D.: *See*—
Odell, W. W., and Harbert.
Harbison-Walker Refractories Company: *See*—
Pike, Robert D., assignor.
Rowe, Andrew R., assignor.
Harcourt, George T., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Portable hydraulic riveter. 2,372,721; Apr. 3.
Harcourt, Guy N., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Sealing means. 2,371,166; Mar. 13.
Hård af Segerstad, Carl G.: *See*—
Carlberg, P. A., Hård af Segerstad, and Ryhagen.
Härd af Segerstad, Carl G., assignor to Sandvikens Jernverks Aktiebolag, Sandvikens, Sweden. Device in motor saws. 2,380,753; July 31.
Hard, Amos L., assignor to Thomas Emery's Sons, Inc., Cincinnati, Ohio. Elevator safety control. 2,378,218; June 12.
Hard Manufacturing Company: *See*—
Doty, Boyd A., assignor.
Harden, Ernest C., Conway, Ark. Label holder for boxes. 2,376,916; May 29.
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical relay system. 2,381,281; Aug. 7.
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Faulted phase selector. 2,381,282; Aug. 7.
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Loop-circuit supervisory system. 2,390,788; Dec. 11.
Harder, Herman A., Milwaukee, Wis. Hand bottle capper. 2,366,524; Jan. 2.
Hardesty, Eugene, New Brighton, assignor to Fuller Label & Box Company, Pittsburgh, Pa. Application of ceramic color. 2,383,190; Aug. 21.
Hardesty, Eugene, New Brighton, assignor to Fuller Label & Box Company, Pittsburgh, Pa. Application of ceramic color. 2,383,191; Aug. 21.
Hardesty, John O.: *See*—
Ross, W. H., Shipley, Mullins, and Hardesty.
Hardey, Rodney J., New London, Tex. Hydraulic pump for liquids. 2,376,538; May 22.
Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fuel burning apparatus. 2,380,041; July 10.
Hardie, Donald C., assignor to Chipman Spinning Mills, Inc., Easton, Pa. Reel. 2,382,790; Aug. 14.
Hardin, Steven L., Philadelphia, Pa. Fish line assembly connector. 2,390,584; Dec. 11.
Harding, Albert T., Maywood, Ill., assignor to Corn Products Refining Company, New York, N. Y. Production of crystalline dextrose. 2,369,231; Feb. 13.
Harding, Clarke T., Hillside, N. J., assignor to Standard Oil Development Company. Forming chemical mixtures. 2,374,933; May 1.
Harding, Clarke T., Hillside, N. J., assignor to Standard Oil Development Company. Preparation of hydrocarbon oils. 2,379,077; June 26.
Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Chuck and electrode. 2,374,348; Apr. 24.
Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Connector. 2,383,124; Aug. 21.
Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Vibratory electromagnetic apparatus. 2,383,382; Aug. 21.
Harding, Henry V., Royal Oak, Mich., assignor to Elox Corporation. Electromagnetic vibratory metalworking apparatus. 2,383,383; Aug. 21.
Harding, Hiram R., Baltimore, Md., assignor to Crown Cork & Seal Company, Inc. Self-locking threaded device. 2,367,213; Jan. 16.
Harding, Jesse S., Stoughton, Mass. Folding clothes rack. 2,382,310; Aug. 14.
Harding, Kenneth G.: *See*—
Britton, E. C., and Harding.
Harding, Lloyd E., Bradley Beach, N. J., assignor of one-fifth to E. J. Lada, Woodhaven, N. Y., and one-fifth to W. A. Zalesak, Union, N. J. Mounting. 2,387,065; Oct. 16.
Harding, Lloyd E., Bradley Beach, N. J., assignor of one-fifth to E. J. Lada, Woodlawn, N. Y., and one-fifth to W. A. Zalesak, Union, N. J. Mount support. 2,387,066; Oct. 16.
Harding, Watson G., Fairlawn, N. J., assignor to United States Rubber Company, New York, N. Y. Reinforced tube. 2,371,991; Mar. 20.
Harding, William G.: *See*—
Nisbet, R. H., and Harding.
Saul, G. C., Harding, and Nisbet.
Harding, William R., Murrysville, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series variable speed drive. 2,376,770; May 22.
Harding, William R., Murrysville, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series variable speed drive. 2,379,149; June 26.
Harding, William R., Murrysville, Pa., and S. H. Hanville, Jr., Huron, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Series variable voltage equipment. 2,379,150; June 26.

Harding, William R., Export, Pa., and L. G. Opel, Hobe Sound, Fla., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dragline control. 2,380,431; July 31.

Hardinge Company, Inc.: *See*—
Hardinge, Harlowe, assignor.

Hardinge, Harlowe, York, Pa. Classifying system for pulverized materials. 2,381,954; Aug. 14.

Hardinge, Harlowe, assignor to Hardinge Company, Inc., York, Pa. Feeding material to grinding mills. 2,381,351; Aug. 7.

Hardinge, Mervyn G., Loma Linda, Calif. Fracture reducing device. 2,381,050; Aug. 7.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Treatment of rubber and product thereof. 2,375,168; May 1.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Accelerators of vulcanization. 2,385,275; Sept. 18.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Dithiofuroates. 2,386,111; Oct. 2.

Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Vulcanization of rubber. 2,391,234; Dec. 18.

Hardman, George W., Long Island City, N. Y., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft wing. 2,379,352; June 26.

Hardt, Leo L., and L. Streifeneder, Chicago, Ill. Gastroscope. 2,376,249; May 15.

Hardwick, Pierre M., Altadena, Calif. Hose coupling with check valve. 2,383,249; Aug. 21.

Hardy, Charles, Pelham Manor, assignor to Hardy Metallurgical Company, New York, N. Y. Making tubular bearings. 2,374,747; May 1.

Hardy Metallurgical Company: *See*—
Hardy, Charles, assignor.

Hardy, René: *See*—
Ahier, J., and Hardy.
Ganiayre, A., and Hardy.

Hardy, René, Lyon, France, assignor to International Standard Electric Corporation, New York, N. Y. Pulse generator particularly for electric phase metering. 2,374,817; May 1.

Hardy, René, and P. de Maertelaere, Lyon, France; vested in the Alien Property Custodian. Ultra high frequency wave coupling device. 2,383,857; Aug. 28.

Hardy, William A., Gillette, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,380,754; July 31.

Hardy, William B.: *See*—
Adams, F. H., and Hardy.
Adams, F. H., Lecher, and Hardy.
Lecher, H. Z., and Hardy.
Lecher, H. Z., Hardy, and Adams.

Hare, Donald G. C., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for logging bore holes. 2,369,672; Feb. 20.

Hare, Donald G. C., assignor to Texaco Development Corporation, New York, N. Y. Borehole logging method and apparatus. 2,374,197; Apr. 24.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for logging bore holes. 2,370,162; Feb. 27.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for examining opaque material. 2,370,163; Feb. 27.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Signal transmission system. 2,379,800; July 3.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for logging wells. 2,381,904; Aug. 14.

Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Analyzing gases. 2,389,046; Nov. 13.

Hare, Donald G. C., Roslyn, assignor to The Texas Company, New York, N. Y. Method and apparatus for determining liquid level. 2,378,219; June 12.

Hare, Terence G., Ypsilanti, Mich., assignor to Amesbury Seat Manufacturing Company. Clutch. 2,379,901; July 10.

Harford, Charles G., Quincy, assignor to Arthur D. Little, Inc., Cambridge, Mass. Electrolytic deposition of cadmium. 2,377,228; May 29.

Harford, Charles G., Quincy, assignor to Arthur D. Little, Inc., Cambridge, Mass. Electrolytic deposition of chromium. 2,377,229; May 29.

Harford, Charles G., Quincy, assignor to A. D. Little, Inc., Cambridge, Mass. Electrolytic deposition of zinc. 2,384,300; Sept. 4.

Harford, Charles G., Quincy, assignor to A. D. Little, Inc., Cambridge, Mass. Electrolytic deposition of tungsten. 2,384,301; Sept. 4.

Harford, Charles G., Wollaston, Mass., assignor, by mesne assignments, to Jefferson Electric Company, Bellwood, Ill. Electrical insulating material. 2,381,163; Aug. 7.

Harford, Edward F., Arden, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pelleting urea. 2,369,110; Feb. 6.

Hargadon, Charles D., St. Matthews, near Louisville, Ky. Locating fixture. 2,374,286; Apr. 24.

Hargreaves, Robert, and J. Youngsma, assignors to Whitin Machine Works, Whitinsville, Mass. Spindle. 2,387,260; Oct. 23.

Hargy, Harry E., Sr., Sycamore Township, Hamilton County, Ohio. Buffing wheel hub. 2,382,479; Aug. 14.

Harker, David, Alplaus, N. Y., assignor to General Electric Company. Orienting irregular quartz crystals. 2,380,235; July 10.

Harker, David, Alplaus, N. Y., assignor to General Electric Company. X-ray camera. 2,380,236; July 10.

Harker, George A., and E. Gustafsson, Chicago, G. Allen, North Lake Village, and R. Nelson, assignors to Binks Manufacturing Company, Chicago, Ill. Spray booth. 2,385,077; Sept. 18.

Harkins, Henry H., North Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Bonding rubber to other surfaces. 2,386,112; Oct. 2.

Harkness, Andrew M.: *See*—
Merriam, H. F., and Harkness.

Harkness, Joseph R., Schenectady, N. Y., assignor to General Electric Company. Magneto breaker cam. 2,386,048; Oct. 2.

Harkom, John F., Ottawa, Ontario, Canada, assignor to His Majesty the King in the right of Canada, as represented by the Minister of Mines and Resources. Apparatus for producing bonded structures. 2,370,956; Mar. 6.

Harlan, Avery S.: *See*—
Harms, H. H., and Harlan.

Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,366,331; Jan. 2.

Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press gripper mechanism. 2,378,478; June 19.

Harley, Joseph J., Granite City, Ill., and J. C. Travilla, Jr., Philadelphia, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,373,756; Apr. 17.

Harley, Stanley J., and J. E. Wainwright, Coventry, England. Thread grinding machine. 2,381,051; Aug. 7.

Harlow, Orman M., Anaheim, assignor to Brogdex Company, Pomona, Calif. Combined elevator and sampler for plant products. 2,367,397; Jan. 16.

Harman, Emil: *See*—
Jensen, D. H. L., and Harman.

Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,372,895; Apr. 3.

Harman, Robert A., Plainfield, N. J., assignor to The Solvay Process Company, New York, N. Y. Oxidation of aromatic compounds. 2,382,148; Aug. 14.

Harmon, Alvah L., Royal Oak, Mich. Swimming paddle. 2,389,196; Nov. 20.

Harmon, Bennett B., Jamaica, N. Y. Aircraft control column. 2,381,217; Aug. 7.

Harmon, Carlyle: *See*—
Orsino, J. A., and Harmon.

Harmon, Carlyle, Wausau, Wis., assignor to Marathon Corporation. Lignin compounds and making same. 2,371,136; Mar. 13.

Harmon Color Works, Inc.: *See*—
Vesce, Vincent C., assignor.

Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,390,099; Dec. 4.

Harmon, Jesse, and C. J. Mighton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of alpha-cyanoalcohols. 2,379,297; June 26.

Harmon, Kenneth A., Longmeadow, and R. V. Atwood, Springfield, assignors to Wico Electric Company, West Springfield, Mass. Ignition system and magneto therefor. 2,378,705; June 19.

Harmon, Luther R., Chicago, Ill. Light indicating switch. 2,373,889; Apr. 17.

Harmon, Ralph M., assignor to Beech Aircraft Corporation, Wichita, Kans. Protected packing seal. 2,368,137; Jan. 30.

Harms, Harold H., Bowling Green, Ohio, and A. S. Harlan, Beach Grove, assignors to Honan-Crane Corporation, Lebanon, Ind. Apparatus for clarifying fluids. 2,366,903; Jan. 9.

Harney, Frank L., Jr., et al.: *See*—
Mendes, John C., assignor.

Harnischfeger Corporation: *See*—
Oestreicher, S., and Brekelbaum, assignors.
Wendelburg, F. W., and Wadd, assignors.

Harnly, Nellie F.: *See*—
Olson, William M., assignor.

Haroldson, Arthur, Newark, Del., assignor to Continental-Diamond Fibre Company, Newark, Del. Oil-soluble resin and making the same. 2,380,307; July 10.

Harper, Agnes M. N., Jacksonville, Fla. Baby bathing cot. 2,389,362; Nov. 20.

Harper, Carolyn L., et al.: *See*—
Harper, Philip S., assignor.

Harper, Clarence E., Hutchinson, Kans. Convertible cartridge for contact printing and photographic paper dispensing. 2,384,911; Sept. 18.

Harper, Philip S., et al.: *See*—
Harper, Philip S., assignor.

Harper, Philip S., Chicago, Ill., assignor of one-fourth to C. L. Harper, Chicago, Ill., and one-fourth to Harris Trust and Savings Bank, as trustee of the Philip S. Harper Trust, and one-fourth to said Harris Trust and Savings Bank, as trustee of the Carolyn L. Harper Trust. Gas burner assembly. 2,372,573; Mar. 27.
Harper, Philip S., assignor to Harper-Wyman Company, Chicago, Ill. Gas valve. 2,379,854; July 10.
Harper, Philip S., assignor of one-fourth to P. S. Harper and one-fourth to C. L. Harper, Chicago, Ill., and one-fourth to Harris Trust and Savings Bank, an Illinois banking corporation, as trustee of the Philip S. Harper Trust, and one-fourth to said Harris Trust and Savings Bank, as trustee of the Carolyn L. Harper Trust. Gas burner. 2,385,413; Sept. 25.
Harper, Philip S., and G. F. Turner, assignors to Harper-Wyman Company, Chicago, Ill. Gas burner. 2,386,113; Oct. 2.
Harper, William, Jr., Montreal, Quebec, Canada. Fuel injector. 2,382,151; Aug. 14.
Harper-Wyman Company: *See*—
Harper, Philip S., assignor.
Harper, P. S., and Turner, assignors.
Harpootlian, Ethyl, Brooklyn, N. Y. Dress shield and crossed-tape support. 2,389,776; Nov. 27.
Harr, Russel E.: *See*—
Brown, M., and Harr.
Harred, George H., East Greenwich, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Carton-blank handling apparatus for wire-stitching machines. 2,377,230; May 29.
Harred, George H., East Greenwich, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Carton-blank handling apparatus for wire-stitching machines. 2,381,743; Aug. 7.
Harrer, Paul H., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary baler. 2,391,018; Dec. 18.
Harrington, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo intermediates. 2,366,616; Jan. 2.
Harrington, Edward L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Method of and apparatus for the construction of roads. 2,373,828; Apr. 17.
Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,366,398; Jan. 2.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Electrical logging apparatus. 2,388,141; Oct. 30.
Harrington, George R., Kalamazoo, assignor to Blood Brothers Machine Company, Allegan, Mich. Flexible coupling. 2,380,646; July 31.
Harrington-Hoch, Incorporated, et al.: *See*—
Simpson, Fielding B., assignor.
Harrington, James R.: *See*—
Le Clair, T. G., Harrington, and Smith.
Harrington, James R., Mansfield, and R. L. Merrill, assignors to The Autocall Company, Shelby, Ohio. Remote indicating, supervising, or control system. 2,384,167; Sept. 4.
Harrington, Paul J., Mountainside, N. J., assignor to Standard Oil Development Company. Production of motor fuels. 2,367,348; Jan. 16.
Harrington, Richards H., Schenectady, N. Y., assignor to General Electric Company. Aluminum base alloy containing copper, cobalt, and beryllium, and method for making it. 2,373,678; Apr. 17.
Harrington & Richardson Arms Company: *See*—
La Pierre, Alfred T., assignor.
Rice, Rienzi, assignor.
Ruttiman, Alfred, assignor.
Harrington, Valentine F., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and machine for coating heels. 2,368,829; Feb. 6.
Harrington, Valentine F., Newton, assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of shoes. 2,378,010; June 12.
Harriott, Bernard L., Lake City, Iowa. Registering device. 2,391,309; Dec. 18.
Harris, Alfred T., Bakersfield, Calif. Safety liquid dispenser. 2,385,509; Sept. 25.
Harris, Anderson W., Chattanooga, Tenn., assignor to Combustion Engineering Company, Inc., New York, N. Y. Closure head welded for pressure vessels. 2,366,617; Jan. 2.
Harris, Arthur G., Palisade, Colo. Internal-combustion engine. 2,387,728; Oct. 30.
Harris, Benjamin R.: *See*—
Cahn, F. J., and Harris.
Harris, Carl C., Orange, Mass. Pencil-bonded memorandum pad. 2,383,858; Aug. 28.
Harris, Carl C., assignor to Rivet-O Manufacturing Company, Orange, Mass. Inking pad. 2,374,198; Apr. 24.
Harris, Claud S., Cirencester, England. Roller box for lathes. 2,389,853; Nov. 27.
Harris, Cleo, Kalamazoo, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Furnace. 2,369,965; Feb. 20.
Harris, Clinton H., assignor to Argus, Incorporated, Ann Arbor, Mich. Photographic camera. 2,378,406; June 19.
Harris, Emory, Miami, assignor of one-half to H. W. Thomas, Dade County, Fla. Split center window jack. 2,388,142; Oct. 30.
Harris, Eugene E., Latham, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,380,237; July 10.
Harris, Ford W.: *See*—
Koppl, Ernest, and Harris.
Harris, Forist, Merced, Calif. Floor sanding machine. 2,375,102; May 1.
Harris, Frank C.: *See*—
Moore, R. T., and Harris.
Harris, Frederic R., New York, N. Y. Prefabricated timber dock. 2,370,957; Mar. 6.
Harris, Frederic R., New York, N. Y. Connector ring groove centering device. 2,378,550; June 19.
Harris, Frederic R., New York, N. Y. Floating dry dock and pumping apparatus. 2,379,902; July 10.
Harris, Frederic R., New York, N. Y. Pontoon unit for floating dry docks. 2,379,903; July 10.
Harris, Frederic R., New York, N. Y. Multiple unit floating dry dock. 2,379,904; July 10.
Harris, Frederic R., New York, N. Y. Graving or basin dry dock. 2,384,464; Sept. 11.
Harris, Frederic R., New York, N. Y. Basin or graving dry dock. 2,384,616; Sept. 11.
Harris, Frederic R., New York, N. Y. Chain clamp. 2,387,509; Oct. 23.
Harris, Frederic R., New York, N. Y. Shock preventing floating dry dock. 2,387,844; Oct. 30.
Harris, Frederic R., New York, N. Y. Shock-absorbing floating dry dock. 2,390,300; Dec. 4.
Harris, Frederic R., New York, N. Y., assignor to New Jersey Shipbuilding Corporation, Barber, N. J. Equipment for shipbuilding. 2,381,446; Aug. 7.
Harris, Harry A., Chicago, Ill. Piston rod for power hammers. 2,377,417; June 5.
Harris, Helen E.: *See*—
Bell, L. N., and Harris, Ronald R. and H. E.
Harris, Henry H., Champaign, Ill. Ore-roasting oven. 2,370,659; Mar. 6.
Harris, Henry H., Champaign, Ill. Traveling work support. 2,379,960; July 10.
Harris, Henry H., Champaign, Ill. Muffle. 2,381,538; Aug. 7.
Harris, Henry H., Champaign, Ill. Support for heat-treating containers. 2,384,617; Sept. 11.
Harris, Henry L., Prichard, Ala. Spring wheel. 2,376,592; May 22.
Harris, Herbert H.: *See*—
Allen, T. C., and Harris.
Harris, Hyman, New York, N. Y. Electric nail filler. 2,389,665; Nov. 27.
Harris, James C., Jr., Philadelphia, Pa. Metallurgical induction furnace. 2,383,384; Aug. 21.
Harris, Jesse S., Memphis, Tenn. Soil sampling apparatus. 2,382,992; Aug. 21.
Harris, John E. G.: *See*—
Baird, W., Hill, Harris, Oakeshott, and Wilson.
Harris, John L., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Time mechanism. 2,384,373; Sept. 4.
Harris, John W.: *See*—
Breadner, Harris, and Simms.
Harris, Leander B., Mount Vernon, Ill., assignor, by mesne assignments, to General Motors Corporation. Switching mechanism. 2,371,167; Mar. 13.
Harris, Lewis B., Nassau Shores, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,368,298; Jan. 30.
Harris, Lloyd Q., Brevard, N. C., assignor to Ecusta Paper Corporation. Gluing. 2,387,261; Oct. 23.
Harris, Manly S., San Francisco, Calif. Bond tightener and sealer. 2,374,349; Apr. 24.
Harris, Manly S., San Francisco, Calif. Agricultural vehicle. 2,378,847; June 19.
Harris, Manly S., San Francisco, Calif. Bond tightener and sealer. 2,389,777; Nov. 27.
Harris Manufacturing Company: *See*—
Lewis, Frederick G., assignor.
Harris, Marcus R., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Welding apparatus. 2,369,294; Feb. 13.
Harris, Milton H., Brooklyn, N. Y. Supplement book. 2,386,740; Oct. 9.
Harris Products Company: *See*—
Storch, Harold A., assignor.
Harris, Raymond R., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Hardenable aminotriazine-aldehyde resins. 2,388,143; Oct. 30.
Harris, Richard A.: *See*—
Russell, A., Parker, and Harris.
Harris, Richard W.: *See*—
Dearsley, G., and Harris.
Hall, C. T., and Harris.
Russell, A., Parker, and Harris.
Harris, Richard W., and G. Dearsley, Deptford, London, assignors to Molins Machine Company Limited, London, England. Apparatus for feeding articles. 2,366,256; Jan. 2.
Harris, Ronald R.: *See*—
Bell, L. N., and Harris, Ronald R. and H. E.
Harris, Samuel C. and E. B. Greifenhagen, assignors to Chain Belt Company, Milwaukee, Wis. Punching metal bars, plates, and the like. 2,369,896; Feb. 20.

Harris, Samuel J., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Glass treatment process. 2,376,872; May 29.
Harris-Seybold Potter Company: *See*—
Harrold, C. W., and Curtis, assignors.
Spiller, W. R., and Niederhauser, assignors.
Harris, Stanton A., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Ethers of vitamin B_6. 2,382,876; Aug. 14.
Harris, Thomas H.: *See*—
Balls, A. K., Hale and Harris.
Harris Trust and Savings Bank, trustee, et al.: *See*—
Harper, Philip S., assignor.
Harris Trust and Savings Bank, trustee of the Carolyn L. Harper Trust: *See*—
Harper, Philip S., assignor.
Harris Trust and Savings Bank, trustee of the Philip S. Harper Trust: *See*—
Harper, Philip S., assignor.
Harris, Walter R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current regulator for electrolytic plants. 2,374,199; Apr. 24.
Harris, Walter R., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Helper drive. 2,382,415; Aug. 14.
Harris, William A.: *See*—
Young, W. D., and Harris.
Harris, William A., assignor to William D. Young, Greenville, S. C. Vending machine. 2,366,399; Jan. 2.
Harrison, Bertram M., Newton Highlands, assignor to Submarine Signal Company, Boston, Mass. Submarine signaling apparatus. 2,384,465; Sept. 11.
Harrison, Charles W., Bronxville, assignor of fifteen per cent to A. L. Tierney, New York, N. Y. Cargo handling apparatus. 2,379,231; June 26.
Harrison, Elmer P., and O. A. Hunt, Oklahoma City, Okla.; said Hunt assignor to said Harrison. Heat exchange system. 2,366,332; Jan. 2.
Harrison, Gale, Ivanhoe, N. C. Completing the packaging of berries or the like. 2,376,138; May 15.
Harrison, Gale, Ivanhoe, N. C. Completing the packaging of berries. 2,387,326; Oct. 23.
Harrison, George R., Detroit, Mich. Shoe tree. 2,371,690; Mar. 20.
Harrison, George R., Detroit, Mich. Ship. 2,385,985; Oct. 2.
Harrison, Halla M., Portland, Oreg. Typewriter escapement control mechanism. 2,380,432; July 31.
Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric switch. 2,387,017; Oct. 16.
Harrison, James W., Woodbury, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Temperature control of catalytic operations. 2,376,356; May 22.
Harrison, John F.: *See*—
Greiner, C. F., and Harrison.
Harrison, Milo A., Hermosa Beach, assignor to The Dicalite Company, Los Angeles, Calif. Diatomaceous earth fillers for paper-making. 2,366,400; Jan. 2.
Harrison, Monroe, Chicago, Ill. Bottle. 2,370,535; Feb. 27.
Harrison, Norman A., Dumont, N. J., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Granulating apparatus. 2,366,619; Jan. 2.
Harrison, Norman A., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Chuck. 2,384,302; Sept. 4.
Harrison, Robert R., assignor to Cliffs-Dow Chemical Company, Marquette, Mich. Recovery of acetic acid in purified form. 2,384,374; Sept. 4.
Harrison, Robert R., and L. H. Score, North Hollywood, Calif., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Forming die. 2,371,138; Mar. 13.
Harrison, Robert T., Greenville, N. C. Road sign or signal. 2,389,234; Nov. 20.
Harrison, Stuart A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protein plastic composition. 2,375,103; May 1.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,366,618; Jan. 2.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,367,349; Jan. 16.
Harrison, Thomas R., Wyncote, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sensitive relay mechanism. 2,368,830; Feb. 6.
Harrison, Verne S., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Electrical strain gauge. 2,388,966; Nov. 13.
Harrison, William C., Rapid City, S. Dak. Rotary milling tool. 2,389,235; Nov. 20.
Harrison, William H., Spokane, Wash. Harvester reel. 2,380,173; July 10.
Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Making pastry products. 2,377,936; June 12.
Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill.; said Lambers assignor to said Harriss. Pie pan dispenser. 2,389,905; Nov. 27.
Harrold, Charles W., University Heights, and E. W. Curtis, Maple Heights, assignors to Harris-Seybold Poter Company, Cleveland, Ohio. Plate clamp. 2,386,214; Oct. 9.
Harrold, Harmon H., assignor of one-half to R. Conn, Wooster, Ohio. Rotary reversing engine. 2,390,880; Dec. 11.
Harry, George H., Buffalo, N. Y. Lubricator for meat slicing machine belts. 2,379,298; June 26.
Harry, Goeffrey M., Oak Park, Ill. Variable-speed power transmission. 2,376,429; May 22.
Harry, Robert J., assignor to The Alliance Machine Company, Alliance, Ohio. Soaking-pit crane. 2,388,408; Nov. 6.
Harry, William R., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electroacoustic transducer. 2,387,845; Oct. 30.
Harshaw Chemical Company, The: *See*—
Du Rose, A. H., and Robison, assignors.
Elliott, Stanley B., assignor.
Harbert, C. J., and Morris, assignors.
Harshaw, W. J., and Harbert, assignors.
Hay, John O., assignor.
Pine, Paul R., assignor.
Swinehart, C. F., and Hay, assignors.
Harshaw, William J., and C. J. Harbert, Shaker Heights, assignors to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of cuprous oxide. 2,385,078; Sept. 18.
Harsted, Harry H., Chicago, Ill. Foldable antenna. 2,379,577; July 3.
Harstick, William H., Richmond, Ind., assignor to International Harvester Company. Clutch. 2,380,308; July 10.
Hart, Clinton S., Northfield, Minn., and R. E. Spokes, Ann Arbor, Mich., assignors to American Brake Shoe Company, Wilmington, Del. Friction element. 2,391,416; Dec. 25.
Hart, Eugene H., assignor to The Bristol Company, Waterbury, Conn. Pneumatic telemetering system. 2,390,301; Dec. 4.
Hart, Edward J., Springfield, Mass. Tool apparatus. 2,375,358; May 8.
Hart, Hannibal T., Eveleth, and H. A. Barber and E. W. Burbeck, Duluth, Minn., assignors to Oliver Iron Mining Company. Hoist. 2,385,276; Sept. 18.
Hart, Harry L.: *See*—
Bugg, K. C., and Hart.
Hart, Joseph F., assignor to Kelite Products, Inc., Los Angeles, Calif. Composition for cleaning metal such as aluminum and magnesium. 2,381,124; Aug. 7.
Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Weight testing device. 2,368,983; Feb. 6.
Hart, Norman E., assignor to Toledo Scale Company, Toledo, Ohio. Poise. 2,368,984; Feb. 6.
Hart, Raymond S., Brooklyn, N. Y. Contactor for moisture meters. 2,370,658; Mar. 6.
Hart, Richard H., New Orleans, La. Parachute apparatus. 2,369,458; Feb. 13.
Hart, Roy R., San Jose, Calif. Cushion stop. 2,373,757; Apr. 17.
Hart, Russell, Los Angeles, Calif. Shock absorber for parachutes. 2,386,395; Oct. 9.
Hart, William J., Warren Point, N. J., assignor to United States Rubber Company, New York, N. Y. Recovering quebrachitol from rubber latex serum. 2,378,141; June 12.
Hart-Carter Company: *See*—
McElhoe, C. B., and Swartz, assignors.
Harte, Richard, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Manufacture of shovels or the like. 2,380,361; July 10.
Hartford-Empire Company: *See*—
Aksomitas, William E., assignor.
Baker, Theodore C., assignor.
Berthold, Walter K., assignor.
Gagnon, T. J., and Alcorn, assignors.
Green, Thomas D., assignor.
Ingle, Henry W., assignor.
Lyle, Aaron K., assignor.
Smith, Algy J., assignor.
Hartford National Bank and Trust Company: *See*—
Jadraque, J. M., and Cavallero, assignors.
Labin, Edouard, assignor.
Richards, Claude L., assignor.
Hartford National Bank and Trust Company, The: *See*—
Maitland, Cyril E., assignor.
Hartford National Bank and Trust Company, Trustee: *See*—
D'Agostino, F. J., and Valdes, assignors.
Labin, Edouard, assignor.
West, Stanley W., assignor.
Ziegler, Marc, assignor.
Ziegler M., Visscher and Cavallero, assignors.
Hartford National Bank and Trust Company, trustee: The: *See*—
Herne, Howard J. L., assignor.
Hesselman, Edward F., assignor.
Hartford Rayon Corporation: *See*—
Boies, O. W., and Taylor, assignors.
Loveridge, G. T., and Carlson, assignors.

Hartgrove, Charles E., et al.: *See*—
Franklin, Ernest M., assignor.
Hartkopf, William, North Bergen, N. J. Shear. 2,369,673; Feb. 20.
Hartley, Cornelius, Prospect Park, N. J., assignor to Wright Aeronautical Corporation. Disconnect switch. 2,390,585; Dec. 11.
Hartley, Croydon H. A.: *See*—
Miller, C. H., and Hartley.
Hartley, Croydon H. A., Garden City, N. Y., assignor to Republic Aviation Corporation. Loading ammunition containers. 2,386,894; Oct. 16.
Hartley, Emmett C.: *See*—
Parker, A. L., and Hartley.
Hartley, Emmett C., assignor to The Parker Appliance Company, Cleveland, Ohio. Hand-operated tube cutter. 2,366,257; Jan. 2.
Hartley, George C., assignor to Standard Telephones and Cables Limited, London, England. Automatic telecommunication exchange system. 2,376,771; May 22.
Hartley, James C., et al.: *See*—
Globus, Alfred R., assignor.
Hartley, James C., Norwalk, Conn., assignor, by mesne assignments, to Minerals and Metals Corporation, New York, N. Y. Process of and apparatus for facilitating and controlling chemical reactions and physical treatments. 2,371,619; Mar. 20.
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,381,539; Aug. 7.
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Laboratories, Incorporated, New York, N. Y. Communication system. 2,387,018; Oct. 16.
Hartman, John M., Glendale, Calif. Heel support for water skis. 2,382,149; Aug. 14.
Hartman, John M., Glendale, Calif. Water ski. 2,382,150; Aug. 14.
Hartman, Richard A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Conduit clamp. 2,374,541; Apr. 24.
Hartman, Samuel H., assignor to Armstrong Cork Company, Lancaster, Pa. Making linoleum. 2,370,536; Feb. 27.
Hartman, W. L., et al.: *See*—
Roby, Horace H., assignor.
Hartman, William F., Storm Lake, Iowa. Trap stand. 2,388,539; Nov. 6.
Hartman, William W., Los Angeles, Calif. Making socket wrenches. 2,367,942; Jan. 23.
Hartmann, Ernest C., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Treating aluminum alloy rivets and product. 2,388,540; Nov. 6.
Hartmann, Max, and J. Druey, Riehen, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Derivatives of 4:4'-diaminodiphenylsulphones and making same. 2,376,430; May 22.
Hartmann, Max, Riehen, and J. Druey, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Benzene-sulphonamido derivatives and making same. 2,382,167; Aug. 14.
Hartmann, Max, Riehen, F. Cueni, Basel, J. Druey, Riehen, and H. von Meyenburg, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Sulphonamides and making same. 2,386,852; Oct. 16.
Hartnett, Joseph R., Gary, Ind. Apparatus for escape from submerged vessels. 2,375,299; May 8.
Harton, Erskine E., Jr., Evanston, and P. Lyon, assignors to The Pure Oil Company, Chicago, Ill. Treatment of oil wells. 2,386,605; Oct. 9.
Hartough, Howard D.: *See*—
Reiff, O. M., and Hartough.
Hartsell, Lee, Houston, Tex. Well tool. 2,384,090; Sept. 4.
Hartshorne, Edward: *See*—
Wilson, G. P., and Hartshorne.
Hartung, Frederick A., Salem, Mass. Adjustable toolholder. 2,379,520; July 3.
Hartung, Hans, Elysburg, Pa., assignor to Robert Reiner, Incorporated, Weehawken, N. J. Device for controlling the tension in the yarns being wound upon a beam in a warping or beaming plant. 2,371,620; Mar. 20.
Hartung, Philip E.: *See*—
Logan, C. E., Dowling, and Hartung.
Hartwell, Henry, Inkster, Mich. Knife sheath. 2,387,900; Oct. 30.
Hartwig, Walter J., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Circular unit heater. 2,370,309; Feb. 27.
Hartz, Hans: *See*—
Orlich, P., and Hartz.
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,372,490; Mar. 27.
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electrical filter. 2,388,054; Oct. 30.
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Grounding mechanism for magnetos. 2,391,854; Dec. 25.
Harvel Research Corporation: *See*—
Caplan, Solomon, assignor.
Harvey, Mortimer T., assignor.
Harvey, M. T., and Durst.
Harvey, M. T., and Schaufelberger, assignors.
Schaufelberger, W. F., and Harvey, assignors.
Harvell Corporation, The: *See*—
Harvey, Mortimer I., assignor.
Harvey, Mortimer T., assignor.
Schaufelberger, William F., assignor.
Harvey, Clarence, Canastota, N. Y. Antislip device. 2,372,828; Apr. 3.
Harvey, Douglass C., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter release. 2,391,157; Dec. 18.
Harvey, Earle M., Springfield, Mass. Front sight for firearms. 2,380,965; Aug. 7.
Harvey, Frank M., assignor, by mesne assignments, to T. H. Speller, Buffalo, N. Y. Rivet magazine. 2,384,738; Sept. 11.
Harvey, Harold B., Pensacola, Fla. Boat. 2,386,215; Oct. 9.
Harvey, Herbert, Los Angeles, assignor, to Leo M. Harvey, La Canada, Calif. Temperature control means for washing machines and the like. 2,377,551; June 5.
Harvey, John F., Akron, and A. W. Hermandorfer, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Liquid fuel burner. 2,369,046; Feb. 6.
Harvey, Leo M.: *See*—
Goble, R. W., Phillips, and Lippincott, assignors.
Greene, G. B., and O'Connor, assignors.
Harvey, Herbert, assignor.
Thacker, Ralph S., assignor.
Harvey, Leo M., La Canada, Calif. Drain valve for washing machines and the like. 2,382,562; Aug. 14.
Harvey, Mortimer T.: *See*—
Schaufelberger, W. F., and Harvey.
Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Insecticide. 2,368,709; Feb. 6.
Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Millable composition. 2,383,789; Aug. 28.
Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Friction elements. 2,383,790; Aug. 28.
Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Polycarboxylic acid condensate of a terpene alcohol-formaldehyde product. 2,383,791; Aug. 28.
Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Corporation. Compositions of matter and methods and steps of making and using the same. 2,377,552; June 5.
Harvey, Mortimer T., South Orange, N. J., assignor to The Harvel Research Corporation. Protein furfuryl alcohol-formaldehyde composition. 2,383,792; Aug. 28.
Harvey, Mortimer T., South Orange, and R. F. Durst, Orange, N. J., assignors to Harvel Research Corporation. Reacting furfuryl alcohol and acid condensation products of furfuryl alcohol with glyoxal and polymerized glyoxal and products produced thereby. 2,383,793; Aug. 28.
Harvey, Mortimer T., South Orange, N. J., assignor to Harvel Research Corporation. Reaction products of secondary aliphatic alcohol and formaldehyde and producing the same. 2,388,409; Nov. 6.
Harvey, Mortimer T., East Orange, and W. F. Schaufelberger, Orange, N. J., assignors to Harvel Research Corporation. Compositions of matter and methods and steps of making and using the same. 2,366,525; Jan. 2.
Harvey, Robert L., Collingswood, and H. G. Fisher, Camden, N. J., assignors to Radio Corporation of America. Ultra high-frequency tuning apparatus. 2,367,576; Jan. 16.
Harvey, Valentine P.: *See*—
Musson, A. H., and Harvey.
Harvey, Valentine P., Deptford, assignor to Molins Machine Company, Limited, London, England. Fuse setting apparatus for shells. 2,369,394; Feb. 13.
Harvey-Whipple, Incorporated: *See*—
Carter, George I., assignor.
Harvill, Edward, Yonkers, N. Y., assignor to Boyce Thompson Institute for Plant Research, Inc. Insecticide. 2,368,357; Jan. 30.
Harvlie, Joseph E., Tacoma, Wash. Cable elbow. 2,387,729; Oct. 30.
Harvuot, Frank B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Liquid treating apparatus. 2,374,094; Apr. 17.
Harvuot, Frank B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Lubricant conditioner. 2,388,636; Nov. 6.
Harvuot, Frank B., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Slow feed indicator. 2,388,843; Nov. 13.
Harwick, Henry K., Darby, assignor to Edward G. Budd Manufacturing Company, Philadelphia. Truck, especially for rail cars. 2,371,621; Mar. 20.
Harwood, James A., Deaver, Wyo. Beet cleaner. 2,388,740; Nov. 13.
Harwood Manufacturing Corporation: *See*—
Marrow, A. J., and Green, assignors.

Harwood, Paisley B., and J. M. Newman, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric traveling machines. 2,385,917; Oct. 2.

Harwood, Stanley G.: *See*—
Moore, James R., assignor.

Harwood, Stanley G., San Marino, Calif. Balanced valve. 2,385,510; Sept. 25.

Hasbrook, Arthur F., assignor to O. S. Petty, San Antonio, Tex. Geophysical prospecting apparatus. 2,383,966; Sept. 4.

Hasbrook, Arthur F., assignor to O. S. Petty, San Antonio, Tex. Geophysical prospecting apparatus. 2,384,739; Sept. 11.

Hasbrouck, John S., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Ignition timing control device. 2,390,146; Dec. 4.

Hasche, Rudolph L.: *See*—
Brant, J. H., and Hasche.

Hasche, Rudolph L., and W. P. Utermohlen, Jr., Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Esters of alpha-ethacrylic acid. 2,388,844; Nov. 13.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,375,918; May 15.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Snubbing springs. 2,375,919; May 15.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,379,078; June 26.

Haseltine, Stacy B., LaGrange, assignor to W. H. Miner, Inc., Chicago, Ill. Railway car truck. 2,379,521; July 3.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,382,563; Aug. 14.

Haseltine, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Combined spring and friction shock absorber. 2,386,895; Oct. 16.

Haseltine, Stacy B., La Grange, and G. E. Dath, assignors to W. H. Miner, Inc., Chicago, Ill. Friction shock absorber. 2,384,091; Sept. 4.

Haselton, Kenneth E., assignor to The N. D. Cass Co., Athol, Mass. Toy. 2,380,174; July 10.

Hasenberg, Werner, Rio de Janeiro, Brazil. Communication system. 2,387,443; Oct. 23.

Haskelite Manufacturing Corporation: *See*—
Baesecker, Raymond L., assignor.
Curran, Frank M., assignor.

Haskell, Ira G., San Francisco, Calif. Removable concrete insert plug. 2,366,401; Jan. 2.

Haskell, Nelson B., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Manufacture of gasoline. 2,388,322; Nov. 6.

Haskell, Orin S., Schenectady, N. Y., assignor to General Electric Company. Making hollow propellers. 2,390,789; Dec. 11.

Haskell, Robert R.: *See*—
Erickson, A. L., and Haskell.

Haskin, Byron C., Los Angeles, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Color photography. 2,374,014; Apr. 17.

Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Color photography. 2,374,015; Apr. 17.

Haskins, Robert, Jr.: *See*—
Muma, J. R., Wilson, and Haskins.

Haskins, Robert, Jr., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Erection device for gyro verticals. 2,382,993; Aug. 21.

Haskins, Robert, Jr., Garden City, O. E. Esval, Huntington, and R. S. Curry, Jr., Baldwin, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Magnetic erection device for gyroscopes. 2,390,532; Dec. 11.

Haskins, William B., Los Angeles, Calif. Can opener. 2,372,948; Apr. 3.

Haslacher, Alfred B., New York, N. Y. Automatic bottom bag and making same. 2,377,005; May 29.

Hasler A.-G. Werke für Telephonie und Präzisionsmechanik: *See*—
Ochsenbein, Walter, assignor.

Hass, Henry B.: *See*—
Larrison, M. S., and Hass.

Hass, Henry B., West Lafayette, Ind., and B. M. Vanderbilt, Baton Rouge, La., assignors to Purdue Research Foundation, Lafayette, Ind. Esters of nitrohydroxy compounds. 2,374,484; Apr. 24.

Hass, Henry B., West Lafayette, Ind., and W. R. McElroy, Beacon, N. Y., assignors to Purdue Research Foundation, Lafayette, Ind. Aliphatic dinitro tetranitrates. 2,381,406; Aug. 7.

Hass, Henry B., West Lafayette, Ind., and W. R. McElroy, Beacon, N. Y., assignors to Purdue Research Foundation, Lafayette, Ind. Aliphatic dinitro tetrols. 2,387,019; Oct. 16.

Hass, Henry B., West Lafayette, assignors to Purdue Research Foundation, Lafayette, Ind. Resolution of enantiomorphs. 2,388,688; Nov. 13.

Hasselbaum, Oscar H., assignor to Joseph Pollak Corp., Dorchester, Mass. Electrical circuit for combustion motors. 2,376,691; May 22.

Hasselquist, Hugo S., Oak Park, Ill., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Mechanical pencil eraser mounting. 2,369,047; Feb. 6.

Hasselquist, Victor H., Akron, Ohio, and W. B. Freeman, Cuyahoga, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Building form. 2,367,772; Jan. 23.

Hasselquist, Victor H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for applying elastic covers. 2,378,011; June 12.

Hasselstrom, Torsten: *See*—
Dressler, R. G., Vivian, and Hasselstrom.

Hasselstrom, Torsten, Savannah, Ga., and B. L. Hampton, Jacksonville, Fla., said Hampton assignor to G & A Laboratories, Inc., Savannah, Ga. Hydrating turpentine and like matters and products thereof. 2,385,572; Sept. 25.

Hasselstrom, Torsten, assignor to G and A Laboratories, Inc., Savannah, Ga. Treating complex compounds containing a side isopropyl group and products therefrom. 2,386,606; Oct. 9.

Hassler, Gerald L., Altadena, assignor to Shell Development Company, San Francisco, Calif. Borehole indicating apparatus. 2,380,520; July 31.

Hassler, Paul M., Batavia, assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Conveyer. 2,372,199; Mar. 27.

Hastings, Arthur C., Jr., South Yarmouth, Mass. Fluid-tight seal. 2,379,635; July 3.

Hastings, Charles E., Riddle, Idaho. Piston and ring construction. 2,390,586; Dec. 11.

Hastings, Emita E., et al.: *See*—
Hastings, M. G., and Hayward, assignors.

Hastings Manufacturing Company: *See*—
Phillips, Harold P., assignor.

Hastings, Merrill G., et al.: *See*—
Hastings, M. G., and Hayward, assignors.

Hastings, Merrill G., Wellesley, and H. J. Hayward, Arlington, assignors to M. G. and E. E. Hastings, Wellesley, and R. L. Fielding, Cambridge, Mass. Filter. Re. 22,651; June 12.

Hastings, Merrill G., Wellesley, and H. J. Hayward, Wakefield, assignors to M. G. and E. E. Hastings, Wellesley, and R. L. Fielding, Cambridge, Mass. Filter. 2,368,216; Jan. 30.

Hasty, George: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson.

Hat Corporation of America: *See*—
O'Brien, Paul C., assignor.

Hatch, James W., assignor of one-half to F. E. Sandell, Detroit, Mich. Pumping mechanism. 2,376,856; May 29.

Hatch, Meredith R.: *See*—
Rode, F. J., and Hatch.

Hatch, Walter E., and J. H. Rollins, Toledo, Ohio, assignors, by mesne assignments, to LaSalle National Bank, trustee, Chicago, Ill. Greaseproof composition. 2,367,678; Jan. 23.

Hatcher, Walter G.: *See*—
Cone, Russell C., assignor.

Hatfield, James E., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Machine for pasting storage battery grids. 2,385,277; Sept. 18.

Hatfield, Robert L., Cleveland Heights, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,390,587; Dec. 11.

Hatfield, Willard C.: *See*—
Schonert, K. E., and Hatfield.

Hathaway, Chester A., Burbank, assignor, by mesne assignments, to Lockheed Aircraft Corporation. Ammunition roller. 2,388,967; Nov. 13.

Hathaway, Claude M.: *See*—
Floyd, Frederick K.
Merrill, M. S., and Hathaway.

Hathaway, Claude M., Denver, Colo. Oscillograph galvanometer. 2,368,831; Feb. 6.

Hathaway, Claude M., Denver, Colo., assignor to Hathaway Instrument Company. Mounting testing apparatus. 2,381,283; Aug. 7.

Hathaway Instrument Company: *See*—
Floyd, Frederick K., assignor.
Hathaway, Claude M., assignor.

Hathaway, James W., Sr.: *See*—
Johnson, G. C., and Hathaway.

Hathaway, Jarrett L., Cambridge, Mass., assignor to Radio Corporation of America. Audio frequency compensator circuit. 2,379,707; July 3.

Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Automatic voltage regulator. 2,383,309; Aug. 21.

Hathcock, Craven D., Oklahoma City, Okla. Elevator. 2,370,310; Feb. 27.

Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Removing lime from ores. 2,369,349; Feb. 13.

Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Hose clamp. 2,391,235; Dec. 18.

Hattan, Mark, Dayton, Ohio. Tensiometer. 2,380,433; July 31.

Hattenrath, Henry, Brooklyn, assignor to Artistic Silver Craft, Inc., New York, N. Y. Jewelry lock. 2,368,543; Jan. 30.

Hatton, William, South Orange, N. J., assignor to International Standard Electric Corporation, New York, N. Y. Device for testing coins. 2,390,147; Dec. 4.

Hauck Manufacturing Company: *See*—
Schumann, A. F., and Turpin, assignors.
Turpin, Alexander J., assignor.
Hauel, Anna P., Lancaster, N. Y. Negative electrode for cadmium-nickel storage batteries, and producing the same. 2,366,402; Jan. 2.
Haug, Eugene H., Glencoe, assignor to La Salle National Bank, Chicago, Ill., as trustee. Electric regulating apparatus. 2,380,521; July 31.
Haug, Eugene H., Glencoe, assignor to La Salle National Bank, Chicago, Ill., as trustee. Power factor controlling apparatus. 2,380,522; July 31.
Haug, Eugene H., assignor to La Salle National Bank, as trustee, Chicago, Ill. Automatic rectifying device. 2,383,722; Aug. 28.
Haug, Eugene H., assignor to La Salle National Bank, Chicago, Ill., as trustee. Constant current regulator. 2,386,458; Oct. 9.
Haug, Eugene H., assignor to La Salle National Bank, as trustee, Chicago, Ill. Electric control system. 2,388,845; Nov. 13.
Haugh, Gordon A., assignor to Haugh's Products Limited, Toronto, Ontario, Canada. Oxygen tent. 2,366,904; Jan. 9.
Haugh, Raymond R., assignor to V. C. Usher, Chicago, Ill. Heating method. 2,384,998; Sept. 18.
Haugh's Products Limited: *See*—
Haugh, Gordon A., assignor.
Haugland, Olof M.: *See*—
Haughland, Thormod O., assignor.
Haugland, Thormod O., assignor of one-half to O. M. Haughland, Anacortes, Wash. Removable rim for containers. 2,370,034; Feb. 20.
Haumiller, Charles, Elgin, Ill. Rotary cutter structure. 2,373,472; Apr. 10.
Haunost, Daniel A: *See*—
Koplin, H., Slate, and Haunost.
Haupt, Adolph: *See*—
Nalback, J. R. and Haupt.
Hauptli, Herbert A., assignor to Maizewood Insulation Company, Dubuque, Iowa. Wallboard construction. 2,391,052; Dec. 18.
Haury, Carl: *See*—
Brunner, F., and Haury.
Haury, Vernon E.: *See*—
Ballard, S. A., and Haury.
Haury, Vernon E., El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Removal of organic radicals from N-substituted ureas. 2,374,485; Apr. 24.
Haury, Vernon E., El Cerrito, assignor to Shell Development Company, San Francisco, Calif. Preparation of amino alcohols. 2,376,054; May 15.
Haury, Vernon E., El Cerrito, Calif., assignor to Shell Development Company, San Francisco, Calif. Ketone resins. 2,388,410; Nov. 6.
Hauser, Ernst A., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Waterproofing inorganic hydrous oxide bodies, and product. 2,383,647; Aug. 28.
Hauser, Fred: *See*—
Gillespie, A. A., and Hauser, and Wise.
Hauser, Fred, Los Angeles, Calif. Automatic valve. 2,368,832; Feb. 6.
Hauser, Fred, Los Angeles, Calif. Automatic sprinkling system. 2,372,324; Mar. 27.
Hausleiter, Fritz H., Munich, Germany; vested in the Alien Property Custodian. Producing printing plates. 2,369,567; Feb. 13.
Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Condition responsive control. 2,372,491; Mar. 27.
Hausman, Ward B., Philadelphia, Pa. Clutch. 2,374,542; Apr. 24.
Hauswirth, Vernon O.: *See*—
Zink, W. L., Aasland, and Hauswirth.
Hauton, Paul S., assignor to Scripto Manufacturing Company, Atlanta, Ga. Apparatus for forming plastic objects. 2,380,042; July 10.
Hausz, Walter, Schenectady, N. Y., assignor to General Electric Company. Apparatus for converting sound to frequency modulated currents. 2,386,049; Oct. 2.
Hautzenroeder, Richard W., Mansfield, Ohio. Speed change device. 2,386,459; Oct. 9.
Havas, Elizabeth B., Jackson Heights, N. Y. Food separating utensil. 2,382,222; Aug. 14.
Haveg Corporation: *See*—
Adams, William H., Jr., assignor.
Haveles, Evangel A., Los Angeles, Calif. Check pad holder and punch. 2,367,773; Jan. 23.
Haven, Charles D., assignor to Libby-Owens-Ford Glass Company, Toledo, Ohio. Metallizing glass. 2,369,350; Feb. 13.
Havener, Arthur R., Wayland, assignor to Judson L. Thompson Manufacturing Company, Waltham, Mass. Riveting machine. 2,366,403; Jan. 2.
Haverhill Shoe Novelty Company: *See*—
Glagovsky, Bernard, assignor.
Haverstick, John S., assignor to De Laval Steam Turbine Company, Trenton, N. J. Turbine systems. 2,382,564; Aug. 14.
Haverstick, Samuel A., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Slip indicator. 2,387,901; Oct. 30.
Haviland, Earl H., Baltimore, Md. Machinist's calculator. 2,391,570; Dec. 25.
Havis, Aaron J., Portsmouth, Va. Air blower. 2,371,821; Mar. 20.
Havlíček, Vítězslav, Pilsen, Bohemia; vested in the Alien Property Custodian. Bushing insulator. 2,366,258; Jan. 2.
Havlick, Howard T.: *See*—
Koenig, H. L., Billheimer, and Havlick.
Hawes, Albert H., Erdington, Birmingham, assignor to C. Bryant & Son, Limited, Small Heath, Birmingham, England. Temporary support for use in casting concrete floors and similar purposes. 2,386,161; Oct. 2.
Hawes, George E., Bridgeport, Conn. Corset and the like. 2,369,459; Feb. 13.
Hawes, Robert W., Lakeland, Fla. Combined ladder and fruit conveyer. 2,374,864; May 1.
Hawkey, Mary C., Philadelphia, Pa. Umbrella doll. 2,380,175; July 10.
Hawkins, Ernest L., Chicago, Ill. Paintbrush. 2,384,029; Sept. 4.
Hawkins, Floyd C., Arcadia, Calif. Internal-combustion engine. 2,383,648; Aug. 28.
Hawkins, George F.: *See*—
Baker, G. B., and Hawkins.
Hawkins-Hawkins Co.: *See*—
Robie, Charles F., assignor.
Hawkins, James R., Flushing, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Screwdriving tool. 2,371,622; Mar. 20.
Hawkins, Laurence A., Schenectady, N. Y., assignor to General Electric Company. Smoke detector. 2,369,966; Feb. 20.
Hawkins, Roe C., Long Beach, Calif. Barrel truck. 2,385,514; Sept. 25.
Hawkins, William H., Stamford, Conn., assignor to Freydberg Bros.-Strauss, Inc., New York, N. Y. Packaging reel. 2,368,594; Jan. 30.
Hawkinson, Alfred T., and A. A. Elston, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of quinolinic acid. 2,371,691; Mar. 20.
Hawley, Frank S.: *See*—
Kneisley, R. F., and Hawley.
Hawley, James R., Seattle, Wash. Oil burner. 2,375,649; May 8.
Hawley, Jesse G., Painted Post, N. Y. Brake. 2,371,168; Mar. 13.
Hawley, Jesse G., Painted Post, N. Y. Master cylinder. 2,373,679; Apr. 17.
Hawley, Jesse G., Painted Post, N. Y. Fluid motor. 2,373,680; Apr. 17.
Hawley, Kent A., Lansdowne, assignor to Electric Power Equipment Corporation, Philadelphia, Pa. Disconnecting switch. 2,366,784; Jan. 9.
Haworth, John W.: *See*—
Bergel, F., Cohen, and Haworth.
Haworth, Mack E., Birmingham, Ala., assignor to Roberts and Schaefer Company, Chicago, Ill. Gravity separator. 2,374,865; May 1.
Hawthorne, Charles W., assignor to Morgan Construction Company, Worcester, Mass. Cooling bed. 2,367,021; Jan. 9.
Hawthorne, Eugene P.: *See*—
Farr, W. H., and Hawthorne.
Hawthorne, Louis A., Hillside, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Distributor for granular materials. 2,373,183; Apr. 10.
Hawtin, Philip R.: *See*—
Rooney, J. H., Locke, and Hawtin.
Hay, John J., assignor to Brooks Equipment and Mfg. Co., Knoxville, Tenn. Loading, hauling, and unloading equipment. 2,386,216; Oct. 9.
Hay, John O.: *See*—
Swinehart, C. F., and Hay.
Hay, John O., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Separation of copper from tin. 2,367,022; Jan. 9.
Hayden, Merrill A., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,368,138; Jan. 30.
Hayes, Charles G., La Grange, Ill., assignor to Chicago Carton Company. Trap nest. 2,368,358; Jan. 30.
Hayes, Earl J., Chicago, Ill., assignor to American Telephone and Telegraph Company. Telephone system. 2,383,794; Aug. 28.
Hayes, Floyd W., Mountainville, assignor to National Casket Company, Incorporated, Long Island City, N. Y. Inner seal for caskets. 2,386,549; Oct. 9.
Hayes, Hal B., North Hollywood, Calif. Portable crane. 2,370,661; Mar. 6.
Hayes, Hal B., North Hollywood, Calif. Precast concrete structure. 2,372,200; Mar. 27.
Hayes, Harvey C., Washington, D. C. Electrical prospecting. 2,368,217; Jan. 30.
Hayes, Harvey C., Washington, D. C. Electrical prospecting. 2,368,218; Jan. 30.
Hayes, Harvey C., Washington, D. C. Supersonic apparatus. 2,374,637; Apr. 24.
Hayes Industries, Inc.: *See*—
Buck, Clarence M., assignor.
Hollerith, Charles, assignor.
Le Jeune, Frank H., assignor.

Hayes, John B., Milan, Ill., and R. L. Dort, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Corn picker lifting mechanism. 2,382,480; Aug. 14.
Hayes, John R., and J. D. Foley, Shreveport, assignors to Lincoln Creosoting Company, Incorporated, Bossier City, La. Pole feeding mechanism. 2,374,429; Apr. 24.
Hayes, Louise A., Washington, D. C. Toy blocks and container. 2,386,114; Oct. 2.
Hayes, Paul J., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Large rectangular spinneret. 2,385,856; Oct. 2.
Hayes, Ralph F., North Wilbraham, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic composition. 2,377,231; May 29.
Hayes, Ralph F., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of brushes and the like. 2,390,437; Dec. 4.
Hayes, Stanley A.: *See*—
Stewart, James W. R., assignor.
Hayes, Stanley A., Berkeley, Calif. System and apparatus for distributing liquid solutions. 2,381,589; Aug. 7.
Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Torch cutting apparatus. 2,371,048; Mar. 6.
Hayes Track Appliance Company: *See*—
Hayes, Stanley W., assignor.
Haynes, Cecil J., Houston, Tex., assignor to Standard Oil Development Company. Screen for wells. 2,371,391; Mar. 13.
Haynes, Charles A., Harrison, assignor to Todd Shipyards Corporation, New York, N. Y. Ship to pier gangway. 2,372,574; Mar. 27.
Haynes, Herbert H., Clarksburg, W. Va. Extension and reduction appliance. 2,371,519; Mar. 13.
Haynes, Herbert H., Clarksburg, W. Va. Surgical screw. 2,388,482; Nov. 6.
Haynes, Robert, San Francisco, Calif. Outlet collar flange. 2,374,993; May 1.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Variable gain audio amplifier system and method. 2,379,484; July 3.
Haynes, Robert L., Indianapolis, Ind., assignor to Radio Corporation of America. Light measuring method and system. 2,390,833; Dec. 11.
Haynes Stellite Company: *See*—
Ullmer, Valentine G., assignor.
Hays, Charles H., Jr., Northeast, Pa., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Operating and timing devices for laundering machines and the like. 2,379,522; July 3.
Hays, Claude H., London, England, assignor to Celanese Corporation of America. Conversion of continuous filaments into staple fiber yarns or like products. 2,366,785; Jan. 9.
Hays Corporation, The: *See*—
Sprague, Philip T., assignor.
Hays, Fred E., and L. O. Scott, San Jose, Calif. Mattress scrubber. 2,385,511; Sept. 25.
Hays, Harrison L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,378,079; June 12.
Hays, Leslie C., Healdsburg, Calif. Lamp changer. 2,387,846; Oct. 30.
Hays, Russell R., Lawrence, Kans. Helicopter. 2,369,048; Feb. 6.
Hays, Russell R., Lawrence, Kans. Rotary wing aircraft. 2,369,049; Feb. 6.
Hays, Russell R., Lawrence, Kans. Helicopter. 2,388,653; Nov. 6.
Hays, Russell R., Lawrence, Kans. Hydraulic drilling device. 2,388,741; Nov. 13.
Hays, Russell R., Lawrence, Kans. Well drilling apparatus. 2,390,646; Dec. 11.
Hays, Thomas W., Salt Lake City, Utah, assignor to The Union Switch and Signal Company, Swissvale, Pa. Remote control system. 2,389,975; Nov. 27.
Hayslett, Lamar E., Kenmore, and F. H. Osborne, Snyder, N. Y., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Remote control apparatus. 2,387,444; Oct. 23.
Hayter, Bruce: *See*—
Breese, J. L., and Hayter.
Breese, J. L., Hayter, and Huston.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner and pilot baffle therefor. 2,371,520; Mar. 13.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Tubular pilot. 2,373,310; Apr. 10.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner and improved air admission means therefor. 2,381,744; Aug. 7.
Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Pot type burner with scoop pilot ring. 2,388,914; Nov. 13.
Hayter, Gordon W., Ravensworth Park, near Gateshead-on-Tyne, England. Centrifugal clutch. 2,368,299; Jan. 30.
Hayward, Claude D., Lansdowne, Pa., assignor to General Electric Company. Electric protective arrangement. 2,374,994; May 1.
Hayward, Claude D., Lansdowne, Pa., assignor to General Electric Company. Protection of electric systems. 2,384,375; Sept. 4.
Hayward, Harry J.: *See*—
Hastings, M. G., and Hayward.
Hayward, Henry W., Irondequoit, N. Y. Liquid heater. 2,386,949; Oct. 16.
Hayward, John A., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,390,251; Dec. 4.
Hayward, John T., Tulsa, Okla. Freeing pipe jammed in a well. 2,372,575; Mar. 27.
Hayward, John T., Tulsa, Okla. Determining formation porosity during drilling. 2,372,576; Mar. 27.
Hayward, John T., Tulsa, Okla. Apparatus for determining permeabilities of porous media. 2,390,252; Dec. 4.
Hayward, Landes H., Los Angeles, Calif. Well cementing device. 2,379,079; June 26.
Hayward, Sheldon C., Merchantville, N. J., assignor to Radio Corporation of America. Indicator. 2,367,577; Jan. 16.
Hayward, William T.: *See*—
Gibb, J. A., Hayward, and Schutte.
Haywood, Gerald, Westernport, Md., and W. M. Welton, Piedmont, W. Va., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Producing improved calcium sulphite. 2,375,786; May 15.
Haywood, Gerald R.: *See*—
Leape, C. B., and Haywood.
Hazard, Charles S., Andover, and H. F. Soper, East Orange, N. J., assignors to Neptune Meter Company, Single knob price setting mechanism. 2,375,787; May 15.
Hazel-Atlas Glass Company: *See*—
Jardine, Guy F., assignor.
Ross, James W., assignor.
Hazelett, Clarence W., Greenwich, Conn. Continuous casting apparatus and process. 2,383,310; Aug. 21.
Hazeltine Corporation: *See*—
Loughren, Arthur V., assignor.
Wilson, John C., assignor.
Hazeltine, James E., Jr., assignor to Armstrong Cork Company, Lancaster, Pa. Building structure. 2,371,049; Mar. 6.
Hazen, Arthur J.: *See*—
Keese, B. W., and Hazen.
Headon, Frank, New York, N. Y. Knitted goods. 2,388,144; Oct. 30.
Heagney, John W., Minneapolis, Minn. Bobsled. 2,388,145; Oct. 30.
Heald Machine Company, The: *See*—
Heald, Richard A., assignor.
Scott, Gherald D., assignor.
Heald, Richard A., assignor to The Heald Machine Company, Worcester, Mass. Apparatus for internal grinding. 2,382,311; Aug. 14.
Healy, John J., Jr., Brookline, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Liquid coating compositions. 2,377,840; June 5.
Healy, Patrick J., et al.: *See*—
Bowman, Lee, assignor.
Healy, Roy T., Clinton, Mass. Combination garment. 2,378,706; June 19.
Heany Industrial Ceramic Corporation: *See*—
Heany, John A., assignor.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Aluminous material. Re. 22,648; June 5.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Nozzle. 2,379,432; July 3.
Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Making aluminous products. 2,391,454; Dec. 25.
Heard, Llewellyn: *See*—
Oblad, A. G., and Heard.
Heard, Llewellyn, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,369,734; Feb. 20.
Heard, Llewellyn, Hammond, Ind., and R. V. Shankland and J. C. Bailie, assignors to Standard Oil Company, Chicago, Ill. Alumina gel catalysis. 2,371,237; Mar. 13.
Heard, Willis J., Fort Worth, Tex. Rod guide. 2,389,906; Nov. 27.
Hearne, George W.: *See*—
Evans, T. W., Finch, and Hearne.
Hearne, George W., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of diolefins. 2,379,708; July 3.
Hearne, George W., and G. A. Stenmark, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of polyolefins. 2,366,620; Jan. 2.
Hearne, George W., Berkeley, and D. S. La France, Walnut Creek, assignors to Shell Development Company, San Francisco, Calif. Rearrangement of unsaturated aliphatic alcohols. 2,373,956; Apr. 17.
Hearne, George W., Berkeley, and M. L. Adams, Lafayette, Calif., assignors to Shell Development Company, San Francisco, Calif. Production of chloroprene by pyrolysis. 2,391,827; Dec. 25.
Hearon, Robert J., Arlington, Va. Demonstration apparatus. 2,390,706; Dec. 11.
Hearton, John M., Williamsport, Pa. Antiskid heel attachment. 2,370,625; Mar. 6.
Heat Transfer Products, Inc.: *See*—
Jacocks, George T., assignor.

Heater, Charles L., assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,368,985; Feb. 6.
Heath, Arthur M., Houston, Tex. Tire pressure alarm. 2,374,748; May 1.
Heath, Frank M., Silver Spring, Md. Leveling device for combines. 2,368,219; Jan. 30.
Heath, Herbert P.: *See*—
Bugler, A. G., and Heath.
Heath, Herbert P., Riverside, and K. A. Weston, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,387,067; Oct. 16.
Heath, Robert, Fort Collins, Colo. Power shovel and loading device. 2,385,512; Sept. 25.
Heath, William C.: *See*—
Allen, L. B., and Heath.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Machine tool drive unit. 2,366,527; Jan. 2.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Extrusion centering wire guide. 2,366,528; Jan. 2.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Indexing airplane propeller blade. 2,381,284; Aug. 7.
Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded grating. 2,384,303; Sept. 4.
Heatton, Walter H., Franklin, Mass. Shoe stiffener. 2,381,590; Aug. 7.
Heavener, Arthur A.: *See*—
Bourland, I. R., and Heavener.
Heavens, E. M., et al.: *See*—
Huge, Henry M., assignor.
Pohm, George H., assignor.
Hebb, Andrew O., Newmarket, and W. A. Whitney, Toronto, Ontario, Canada. Apparatus for charging melting pots of typesetting machines. 2,372,158; Mar. 20.
Hebbard, George M., assignor to Dow Chemical Company, Midland, Mich. Gas and liquid contact apparatus. 2,377,781; June 5.
Hebbard, George M., assignor to The Dow Chemical Company, Midland, Mich. Recovery of sulphur dioxide and diolefines from sulphones. 2,384,376; Sept. 4.
Hebeler, Edward S., Williamsville, N. Y., assignor, by mesne assignments, of one-half to Unit Rays, Inc., Cleveland, Ohio. Arc welding apparatus. 2,384,618; Sept. 11.
Heberlein, Georges, and E. Weiss, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Producing pattern effects on fabrics. 2,382,416; Aug. 14.
Heberlein, Gustave E., Jeannette, and F. L. Kradel, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. Interrupter switch. 2,383,795; Aug. 28.
Heberlein, Max F. W., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Recovery of indium. 2,378,848; June 19.
Herberlein Patent Corporation: *See*—
Heberlein, G., and Weiss, assignors.
Heberlein, R., and Fretz, assignors.
Heberlein, R., and Kunzle, assignors.
Kaase, W., and Waltmann, assignors.
Waltmann, E., and Wolf, assignors.
Heberlein, Rudolf, Wattwil, and M. Fretz, Zurich, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Halftone intaglio textile printing roller and method of producing same. 2,370,461; Feb. 27.
Heberlein, Rudolf, and A. Künzle, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Apparatus for varying the angular relation of driven members. 2,385,918; Oct. 2.
Hebern, Edward H., Oakland, Calif., assignor to International Code Machine Company, Reno, Nev. Cipher machine. 2,373,890; Apr. 17.
Hebert, Neville Z., Jeanerette, La. Agricultural device. 2,388,689; Nov. 13.
Hebert, Neville Z., Jeanerette, La. Agricultural device. 2,389,976; Nov. 27.
Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Neutral organic esters of sulphurous acid as pest-control agents. 2,377,148; May 29.
Hecht, George, Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,370,403; Feb. 27.
Hecht, Myer H., Allentown, assignor to The Atlas Mineral Products Company of Pennsylvania, Mertztown, Pa. Adhesive and adherent coating composition for bituminous surfaces. 2,388,846; Nov. 13.
Heck, John T., Elmhurst, and L. J. Du Mais, Chicago, Ill., assignors to Da-Lite Screen Company, Inc. Portable reversible screen construction. 2,377,553; June 5.
Heck, Joseph E.: *See*—
Carpenter, V. W., Bell, and Heck.
Heckathorn, Loyd, Garden Grove, assignor to H. B. and S. Rapp, Santa Ana, Calif., co-partners doing business as Towner Manufacturing Co. Implement construction. 2,380,594; July 31.
Heckel, Heinrich, Dinslaken, and O. Roelen, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Hydrogenation of carbon monoxide. 2,369,106; Feb. 6.
Heckendorn, Alphonse: *See*—
Felix, F., and Heckendorn.
Hecker, John C., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation process and apparatus. 2,370,462; Feb. 27.
Hecker, Roy H.: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.
Heckethorn, John E., Littleton, Colo. Threading and testing machine. 2,380,841; July 31.
Heckethorn, John E., A. B. Bourg, and E. J. Leonard, assignors to Heckethorn Manufacturing & Supply Co., Littleton, Colo. Automatic infeed and ejecting attachment for grinding machines. 2,379,961; July 10.
Heckethorn Manufacturing & Supply Co.: *See*—
Heckethorne, J. E., Bourg, and Leonard, assignors.
Heckethorn, William W., assignor.
Heckethorn, William W., assignor to Heckethorn Manufacturing & Supply Co., Littleton, Colo. Welded tube closure machine. 2,384,740; Sept. 11.
Heckman, August E., Seaford, N. Y. Screw die-head. 2,390,647; Dec. 11.
Heckman, John A., assignor to J. F. Barnes, as trustee, Elmhurst, Ill. Fan. 2,390,588; Dec. 11.
Heckman, Joseph C., Pittsburgh, Pa. Making pigments. 2,366,855; Jan. 9.
Heckman, William F., Newport, Ky. Window glass. 2,382,566; Aug. 14.
Hedberg, Aldrich R., Cleveland, Ohio, assignor of one-third to M. E. Lorentz and one-third to K. W. Peterson. 2,379,003; June 26.
Hedberg, Carl W. J., and R. B. Hesson, Bound Brook, N. J., assignors to Research Corporation, New York, N. Y. Material collecting electrode. 2,369,967; Feb. 20.
Hedberg, Carl W. J., Bound Brook, N. J., and H. L. Richardson, St. Louis, Mo., assignors to Research Corporation, New York, N. Y. Recovery of material from roaster gases. 2,382,565; Aug. 14.
Hedding, Linnie K.: *See*—
Clausen, H. C., and Hedding.
Heddon, John, assignor to J. Heddon's Sons, Dowagiac, Mich. Reel seat. 2,379,578; July 3.
Heddon's, James, Sons: *See*—
Heddon, John, assignor.
Hedene, Edwin E., Oakland, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Fluid pressure operated valve. 2,381,447; Aug. 7.
Hedenström, Anders E. G., Stockholm, Sweden. Stand to support collecting covers or the like. 2,376,483; May 22.
Hederhorst, Fred, Baytown, Tex., assignor to Standard Oil Development Company. Method and apparatus for sweating waxes. 2,368,468; Jan. 30.
Hedge, Marvin K., Norwich, N. Y. Reel. 2,367,214; Jan. 16.
Hedges, Don F., Crown Point, Ind., assignor to Carnegie-Illinois Steel Corporation. Transportation load and method of preparing the same. 2,387,902; Oct. 30.
Hedges, Harry O.: *See*—
Wallace, F. R., and Hedges.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Manufacture of plasticizer or softening agent. 2,387,393; Oct. 23.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Coated fabric material. 2,387,394; Oct. 23.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Patent leather. 2,387,395; Oct. 23.
Hedges, William D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Upholstering fabric. 2,387,396; Oct. 23.
Hedgren, Arthur W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Making reinforced concrete buildings. 2,379,636; July 3.
Hedgren, Arthur W., assignor to H. H. Robertson Company, Pittsburgh, Pa. Building construction. 2,388,968; Nov. 13.
Hediger, Ernst, and W. E. Schildhauer, assignors to The Carborundum Company, Niagara Falls, N. Y. Electrical resistor. 2,385,702; Sept. 25.
Hedin, Oscar C.: *See*—
Bergstrom, Carl A. and W. C., Hedin, and Pennington.
Hedin, Oscar C., Cleveland Heights, assignor to The Weldon Tool Company, Cleveland, Ohio. Shadow screen inspection and method and article related to the same. 2,381,164; Aug. 7.
Hedin, Uno C.: *See*—
Bucklen, Herbert E., Jr.
Hedin, Uno C., assignor to H. E. Bucklen, Jr., Elkhart, Ind. Mercury relay. 2,367,498; Jan. 16.
Hedley, Norman, and J. J. Kress, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Use of lime in heavy-media separation process. 2,385,079; Sept. 18.
Hedlund, William T., New Rochelle, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,375,359; May 8.
Hedman, Fritz A., Meadville, Pa., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,377,782; June 5.

Hedman, Sverre R.: *See*—
Fridlund, Y. A., and Hedman.
Heer, Jules: *See*—
Miescher, K., and Heer.
Miescher, K., Heer, and Fischer.
Heese, Fred L., assignor to Automatic Equipment Manufacturing Company, Pender, Nebr. Animal-scratching device. 2,380,842; July 31.
Heese, Fred L., assignor to Automatic Equipment Manufacturing Company, Pender, Nebr. Animal-scratching device. 2,380,843; July 31.
Heese, Fred L., assignor to Automatic Equipment Manufacturing Company, Pender, Nebr. Animal-scratching device. 2,380,844; July 31.
Hefele, John R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,373,395; Apr. 10.
Hefele, John R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,373,396; Apr. 10.
Hegan, Horace J., and J. H. Givens, Coventry, assignors to Courtaulds Limited, London, England. Manufacture and production of artificial filaments, threads, films, and the like. 2,375,650; May 8.
Hegel, George W.: *See*—
Otis, A. N., and Hegel.
Hegener, Joseph, Llanerch, Pa., assignor to Radio Corporation of America. Horn loud-speaker. 2,390,834; Dec. 11.
Hegewald, Ernest, Jersey City, N. J. Torpedo deflecting shield. 2,376,055; May 15.
Hegnauer, Paul, Berlin, Germany, assignor to Ruf-Buchhaltung Aktiengesellschaft, Zurich, Switzerland. Attachment for typewriting machines. 2,387,068; Oct. 16.
Hehn, Otto, assignor, to The Sparks-Withington Company, Jackson, Mich. Projection screen. 2,369,143; Feb. 13.
Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Breathing mask for parachute escape devices. 2,383,649; Aug. 28.
Heideman, Albert A., Zurich, Ontario, Canada. Fountain tooth brush. 2,370,626; Mar. 6.
Heidenfelder, Fred A.: *See*—
Bicknell, G. R., and Heidenfelder.
Heidloff, Joseph R., assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid transmission. 2,376,431; May 22.
Heidt, Alexander J.: *See*—
Schmieder, William, assignor.
Heigis, Henry E., West Orange, assignor to Specialties Development Corporation, Bloomfield, N. J. Automatic inflation equipment. 2,374,200; Apr. 24.
Heigl, John J., Tulsa, Okla., assignor to Standard Oil Development Company. Acid treating wells. 2,367,350; Jan. 16.
Heikes, Norman L., West End, N. J. Heavy duty snap switch. 2,373,681; Apr. 17.
Heil Co., The: *See*—
French, Henry C., assignor.
Meyer, A. F., and French, assignors.
Heil, Harold G., Middletown, N. Y. Spare tire carrier and hoist. 2,377,149; May 29.
Heil, Theodore, Berkeley, Calif. Convertible utility and camp trailer and camp tent. 2,383,192; Aug. 21.
Heil, Vernon E.: *See*—
Larsen, E. I., Heil, and Swazy.
Heilborn, Herman, Brooklyn, N. Y. Nursing nipple. 2,388,915; Nov. 13.
Heilbrunn, Simon, and A. F. Kaptuller, Chicago, Ill.; said Kaptuller assignor to said Heilbrunn. Coupon holder. 2,382,877; Aug. 14.
Heiligman, Randall: *See*—
Dean, J. G., Heiligman, and Riley.
Heilman, Joseph R.: *See*—
Clark, E. K., and Heilman.
Heilman, Joseph R., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Toasting apparatus. 2,379,709; July 3.
Heim Company, The: *See*—
Heim, Lewis R., assignor.
Heim, Gerhard, Sindelfingen, Germany; vested in the Alien Property Custodian. Device for connecting sheet metal members. 2,376,692; May 22.
Heim, Hans: *See*—
Berg, H., and Heim.
Heim, Lewis R., assignor to The Heim Company, Fairfield, Conn. Making bearings. 2,366,668; Jan. 2.
Heim, Lewis R., assignor to The Heim Company, Fairfield, Conn. Apparatus for polishing. 2,372,722; Apr. 3.
Heim, Rudolph F., St. Joseph, Mo. Fruit jar holder and lid tightener. 2,386,460; Oct. 9.
Heimbach, Bruno, Stuttgart, Germany; vested in the Alien Property Custodian. Rotary blower. 2,367,463; Jan. 16.
Heimbach, Newton: *See*—
Dersch, F., and Heimbach.
Heimbach, Newton, Johnson City, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic filter and anti-halation layers. 2,390,707; Dec. 11.
Heimberger, Harry T., Rolla, Mo., assignor by decree of distribution to P. M. Heimberger. Electrical resistance element. 2,366,905; Jan. 9.
Heimberger, Pansye M.: *See*—
Heimberger, Harry T., assignor.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper oxide rectifier for automobiles. 2,367,943; Jan. 23.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Contact for copper oxide rectifiers. 2,383,311; Aug. 21.
Hein, Carl C., Forest Hills, and John W. Stevenhagen, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Copper oxide rectifier. 2,389,363; Nov. 20.
Hein, George N., San Carlos, assignor to Food Machinery Corporation, San Jose, Calif. Feeding and orienting method and apparatus. 2,372,325; Mar. 27.
Hein, Robert O., Chicago, Ill. Filing machine. 2,367,864; Jan. 23.
Heineck, Paul B., and A. A. Meddock, North Hollywood, Calif., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Remote control system. 2,368,659; Feb. 6.
Heineman, Arnold H., assignor to The Guardite Corporation, Chicago, Ill. Opening and closing pressure containers. 2,370,660; Mar. 6.
Heineman, Arnold H., Chicago, Ill., assignor to The Guardite Corporation. Closure system for vacuum driers. 2,373,891; Apr. 17.
Heineman, Arnold H., Chicago, Ill., assignor to The Guardite Corporation. Gun port mounting. 2,379,710; July 3.
Heineman, Frances, assignor to Herman Plaut Company, New York, N. Y. Headwear. 2,386,682; Oct. 9.
Heineman, Stephen D.: *See*—
Lee, J., and Heineman.
Heinemann, Edward H., Los Angeles, and P. A. Dennis, Manhattan Beach, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Flexible engine mount. 2,377,006; May 29.
Heinemann, Richard F., Oakland, Calif. Machine for twisting strip stock. 2,377,629; June 5.
Heinen, Josef, Cologne-on-the-Rhine, Germany; vested in the Alien Property Custodian. Manufacture of titanium dioxide. 2,367,118; Jan. 9.
Heinle, Carl W., East Orange, N. J., assignor to American Can Company, New York, N. Y. Liquid filling machine. 2,380,434; July 31.
Heinmiller, Percival M.: *See*—
Barnhart, R. M., Bennett, and Heinmiller.
Heinrich, George C., assignor to Manning, Bowman & Co., Meriden, Conn. Electric heating pad. 2,382,312; Aug. 14.
Heinrich, Paul W., Grosse Pointe Park, Mich. Electrode holder. 2,384,999; Sept. 18.
Heintz, James C., Lakewood, Ohio. Combination spot vulcanizer. 2,370,241; Feb. 27.
Heintz, James C., Lakewood, Ohio. Rim-centering means. 2,371,238; Mar. 13.
Heintz & Kaufman, Ltd.: *See*—
Sphar, Clark H., assignor.
Heintz Manufacturing Company: *See*—
D'Ardenne, Walter H., assignor.
Lambert, Francis M., assignor.
Trautvetter, George, assignor.
Heintz, Ralph M., Cleveland, assignor to Jack and Heintz, Inc., Bedford, Ohio. Air relay assembly for automatic pilots. 2,379,299; June 26.
Heintz, Ralph M., assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Internal combustion engine. 2,386,607; Oct. 9.
Heintz, Wallace P., Belmont, and W. H. Zillessen, Boston, Mass., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Unified process for treating wool. 2,387,510; Oct. 23.
Heintze, Carl P., Amityville, N. Y. Jet propulsion power plant. 2,383,385; Aug. 21.
Heinz, Winfield B., Bound Brook, N. J. Tension regulating mechanism. 2,389,047; Nov. 13.
Heinze, M. P., Machine Co.: *See*—
Atherton, Neil F., assignor.
Heinze, Werner: *See*—
Mez, E., Pott, and Heinze.
Heinzen, Harry R.: *See*—
Fike, C. H., and Heinzen.
Heireth, Arvid, Bergenfield, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,368,021; Jan. 23.
Heise, George W.: *See*—
Schumacher, E. A., and Heise.
Heiser, Ferdinand F.: *See*—
Pawelsky, V. R., and Heiser.
Heisey, A. H., & Company: *See*—
Cobel, Ray C., assignor.
Heiskell, Herbert C., Joplin, Mo. Piston and cylinder construction. 2,372,492; Mar. 27.
Heist, Philip A., Elmhurst, N. Y., assignor to Pilot Marine Corp., Cliffside Park, N. J. Engine room signal device. 2,368,300; Jan. 30.
Heit, Henry G. A., Norfolk, Va. Eyelet cover. 2,369,735; Feb. 20.

Heit, James P., Minneapolis, Minn. Trailer hitch. 2,372,271; Mar. 27.
Heitshu, Daniel C., Brightmoor, assignor to Harry Ferguson, Inc., Dearborn, Mich. Conveying and handling unit. 2,375,104; May 1.
Hejduk, Arthur A., assignor to The Meriam Instrument Company, Cleveland, Ohio. Manometer. 2,389,508; Nov. 20.
Helbush, Herman H.: *See*—
Edwards, Russell, assignor.
Lipp, Elmer L., assignor.
Wallace, Frank C., assignor.
Helfeda, S. A.: *See*—
Mercier, Pierre E., assignor.
Helfenbein, Richard C.: *See*—
Zabel, W. C. P., and Helfenbein.
Helfenstein, Adam, Aesch, near Basel, assignor to the Swiss firm of Fr. Sauter A. G. Fabrik elektra. Apparate, Basel, Switzerland. Plant for cleaning articles smeared with oil, greases, or the like. 2,369,050; Feb. 6.
Helfenstein, John, Minneapolis, Minn. Fishing lure. 2,385,986; Oct. 2.
Helfrick, Joseph R., Port Washington, N. Y. Anal retractor. 2,384,304; Sept. 4.
Helin, Francis A., Watertown, N. Y. Rotary drier. 2,367,578; Jan. 16.
Helin, Francis A., assignor to The Bagley and Sewall Company, Watertown, N. Y. Stock inlet. 2,384,912; Sept. 18.
Helix Gage Works: *See*—
Back, Franz G., assignor.
Helland, Sigurd H., assignor to Whitin Machine Works, Whitinsville, Mass. Detaching motion. 2,382,481; Aug. 14.
Helleberg, Tore, Stockholm, and S. Malmström, Linkoping, Sweden. Device for determining the volume of gas or liquid in a receptacle. 2,378,849; June 19.
Helleberg, Tore, Stockholm, and S. Malmström, Linkoping, Sweden. Device for determining the volume of gas or liquid in receptacles. 2,381,821; Aug. 7.
Hellen, James S., Ramsey, assignor to Bendix Aviation Corporation, Teterboro, N. J. Design of bezel sealing for pressureproof cases. 2,376,593; May 22.
Heller, Alexander G., New York, and A. Heller, I. N. Blackman, and L. Cooper, executors of the estate of A. G. Heller, deceased, assignors to Insuline Corporation of America, Inc., Long Island City, N. Y. Pin jack for multiple plug-in connectors. 2,380,908; July 31.
Heller, Anne, et al., executors: *See*—
Heller, Alexander G.
Heller, David, Brooklyn, N. Y. Razor blade sharpener. 2,391,701; Dec. 25.
Heller, Douglas M.: *See*—
Bligh, N. R., Heller, and Stenning.
Heller, Eugene H., Arlington Heights, Ill. Coal truck unloading device. 2,389,779; Nov. 27.
Heller, Harold P., Palmyra, N. J., assignor to Radio Corporation of America. Solid solution of vinyl aromatic polymer and hydrogenated vinyl aromatic polymer. 2,384,619; Sept. 11.
Heller, Joseph: *See*—
Cohen, Jesse J., assignor.
Heller, Leo B., Chicago, Ill. Automobile trunk loading device. 2,391,310; Dec. 18.
Hellier, Edward, Louisville, Ky. Repairing tires. 2,370,958; Mar. 6.
Hellkvist, Alf O., Vedevag, Sweden. Frictional hinge for windows or the like pivotable in horizontal or vertical direction. 2,376,965; May 29.
Hellman, Paul, assignor to Globe Products Manufacturing Company, Los Angeles, Calif. Milling attachment for lathes. 2,386,461; Oct. 9.
Hellman, Sallye, Jamaica, N. Y. Window and improved construction therefor. 2,389,509; Nov. 20.
Hellstrom, Sven B., Grosse Pointe Farms, assignor to Detroit Tap & Tool Company, Detroit, Mich. Tapping head. 2,368,359; Jan. 30.
Hellwig, Arthur P.: *See*—
Block, R. J., and Hellwig.
Hellwig, Rudolph H., Kansas City, Kans. Overload spring. 2,372,201; Mar. 27.
Helme, Thomas, Albany, N. Y. Motorcycle brake actuator. 2,387,020; Oct. 16.
Helmer, Grover H.: *See*—
Hoffman, Harry W., and Helmer.
Helmer, Raymond G., and M. G. Farnham, Milwaukee, Wis., assignors to Chr. Hansen's Laboratory, Inc., Little Falls, N. Y. Soft curd milk. 2,376,693; May 22.
Helmers, Carl J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic treatment of hydrocarbons. 2,374,095; Apr. 17.
Helming, Fred W., assignor to The Bristol Company, Waterbury, Conn. Broaching apparatus. 2,387,582; Oct. 23.
Helmond, William F., Clinton, Conn., assignor to Underwood Corporation. Typewriting machine. 2,384,030; Sept. 4.
Helmore, William, Cambridge, assignor to Imperial Chemical Industries Limited, London, England. Apparatus for controlling temperature of boosted charge of internal-combustion engines. 2,372,272; Mar. 27.
Helmore, William, Kingston Hill, assignor to C. C. Wakefield & Company Limited, Beaconsfield, England. Lubricating composition. 2,391,311; Dec. 18.
Helmuth, Louis W., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle structure. 2,389,907; Nov. 27.
Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,383,796; Aug. 28.
Helseth, Sigurd T., and S. T. Fauver, Painesville, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Gas diffusion means for liquid storage tanks. 2,380,176; July 10.
Helstrom, Frank A.: *See*—
Flygare, C. G., and Helstrom.
Heltzel, John N., Warren, Ohio. Installing joints in plastic roads. 2,371,290; Mar. 13.
Heltzel, John N., Warren, Ohio. Combination road building machine and concrete spreader. 2,380,435; July 31.
Helvern, James O., and E. L. Baugh, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Fuel system. 2,385,513; Sept. 25.
Helwig, Edward L., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing thermoplastic domes. 2,367,642; Jan. 16.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Load indicating hydraulic jack. 2,380,362; July 10.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Tiltable dynamometer. 2,387,148; Oct. 16.
Hem, Halvor W., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,368,986; Feb. 6.
Hemmerling, Norma A., North Tonawanda, N. Y. Fuse handling implement. 2,379,433; July 3.
Hemming, Charles B., New Rochelle, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,383,548; Aug. 28.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Apparatus for regenerating contact material. 2,367,351; Jan. 16.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,376,139; May 15.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Catalytic conversion of hydrocarbon oils. 2,379,711; July 3.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Petroleum conversion process. 2,388,055; Oct. 30.
Hemminger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Regenerating contact material. 2,390,708; Dec. 11.
Hemphill Company: *See*—
Cloutier, Arthur N., assignor.
Fregeolle, Oscar, assignor.
Green, Isaac H. C., assignor.
Green, I. H. C., and Pierre, assignors.
Green, I. H., and St. Pierre, assignors.
St. Pierre, E., and Wawzonek, assignors.
Wawzonek, Joseph, assignor.
Wawzonek, J., and St. Pierre, assignors.
Hemphill, Isaac M., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Alkylation process. 2,370,164; Feb. 27.
Hemphill, Lawrence F., Fort Wayne, Ind., assignor to General Electric Company. Control system. 2,386,683; Oct. 9.
Hemphill, Rayburn W., assignor to The Colonial Insulator Company, Akron, Ohio. Hollow form. 2,384,741; Sept. 11.
Hendershot, Lewis B., Pittsfield, Mass. Reproducing device. 2,387,021; Oct. 16.
Henderson, David, R. M. Rush, and H. C. Anderson, assignors to Dravo Corporation, Pittsburgh, Pa. Direct-fired unit heater. 2,376,140; May 15.
Henderson, Edward E.: *See*—
Schwenk, E., and Henderson.
Henderson, Edward, New York, N. Y. Hypodermic syringe unit. 2,388,323; Nov. 6.
Henderson, Frank Y.: *See*—
Oxley, T. A., and Henderson.
Henderson, James, Kinghorn, Fife, Scotland. Manufacturing laminated articles from veneer or like sheet material. 2,388,541; Nov. 6.
Henderson, James A., Empire, Oreg. Portable drill support. 2,390,709; Dec. 11.
Henderson, James R., Miami, Fla. Tobacco curing system. 2,376,873; May 29.
Henderson, John L., Warrensville, Ohio. Gate valve. 2,380,647; July 31.
Henderson, Lawrence M: *See*—
Ayers, G. W., and Henderson.
Ayers, G. W., Jr., and Henderson.
Henderson, Lloyd F., Reading, Mass., assignor to Lever Brothers Company. Preserving soap and resulting product. 2,371,623; Mar. 20.
Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Electrically heated fabric. 2,379,580; July 3.
Hendrick, Fred V., Princeville, Ill. Agricultural vehicle seat 2,376,484; May 22.
Hendricks, A. C., et al.: *See*—
Blalock, Henry H., assignor.

Hendricks, James O., White Bear Lake, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Dispersions or adhesives of the oil-in-water type. 2,382,417; Aug. 14.

Hendricks, Nathan V., Adrian, Mich. Adjustable support. 2,388,056; Oct. 30.

Hendrickson, Jay D., assignor to Columbia River Packers Association, Inc., Astoria, Oreg. Rotary fish skinner. 2,380,755; July 31.

Hendrie, George S., Grosse Pointe Farms, assignor to Detroit Macoid Corporation, Detroit, Mich. Plastic conduit. 2,367,643; Jan. 16.

Hendry, Norman, A., Portland, Mich. Method and apparatus for repairing radio tubes, lamps, and the like. 2,371,327; Mar. 13.

Hendy, Jashua, Iron Works: *See*—
King, Donald R., assignor.

Hene, Emil, London, W. 11, England. Cracking of heavy oil vapors. 2,371,992; Mar. 20.

Henke, Clyde O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydroxy acid derivatives of camphene. 2,382,313; Aug. 14.

Henke, Clyde O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonyl compounds and processes for their production. 2,390,253; Dec. 4.

Henkel, Erich: *See*—
Williams, A., and Henkel.

Henkle, William A., Chicago, Ill. Milling cutter unit and assembly. 2,390,254; Dec. 4.

Henley's, W. T., Telegraph Works Company Limited.: *See*—
Dunsheath, Percy, assignor.
Griffiths, Francis T., assignor.

Henn, Richard W., and J. I. Crabtree, assignors to Eastman Kodak Company, Rochester, N. Y. Fine grain developers. 2,376,141; May 15.

Henne, Albert L., Columbus, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fluoroacetic acids. 2,371,757; Mar. 20.

Hennessey, Russell J.: *See*—
Guyer, R., and Hennessey.

Hennessy, James J., Montclair, N. J. Locomotive driver liner structure. 2,377,418; June 5.

Hennessy, James J., Montclair, N. J. Journal lubricator distributor. 2,378,407; June 19.

Hennessy, James J., Montclair, N. J. Pump valve structure. 2,386,794; Oct. 16.

Hennessy, James J., Montclair, N. J. Journal lubricator structure. 2,390,367; Dec. 4.

Hennessy, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas range. 2,369,825; Feb. 20.

Hennessy, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Barbecuing attachment for domestic cooking ranges. 2,391,571; Dec. 25.

Henneuse, Richard F., Marion, Ohio. Scraper. 2,374,016; Apr. 17.

Henney Motor Company: *See*—
Cox, Donald H., assignor.
Schofield, E. L., assignor.
Schofield, E. L., and Jacobs, assignors.

Henningsen, Carsten L., Fresno, Calif. Electric razor. 2,387,756; Oct. 30.

Henningsen, Edgar R., Hanna, Wyo. Lock nut. 2,373,473; Apr. 10.

Hennion, George F., South Bend, Ind., and N. F. Toussaint, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylating aromatic compounds. 2,390,835; Dec. 11.

Hennion, George F., South Bend, Ind., and N. F. Toussaint, Louisville, Ky., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylating aromatic compounds. 2,390,836; Dec. 11.

Henricksen, Bjarne, Hudson County, N. J., assignor to Sedgwick Machine Works, Inc., Poughkeepsie, N. Y. Conveyer. 2,390,302; Dec. 4.

Henricot, Jacques F., Court-St-Etienne, Belgium; vested in the Alien Property Custodian. Lining for tube mills or crushing mills containing balls or similar crushing bodies. 2,367,464; Jan. 16.

Henroteau, François C. P., Ottawa, Ontario, Canada. Method and apparatus for frequency changing. 2,367,277; Jan. 16.

Henry, Albert R., Salina, Kans. Loading device. 2,379,523; July 3.

Henry, Albert R., Salina, Kans. Bucket shock absorber for loading devices. 2,385,987; Oct. 2.

Henry, Donald E., Cedar Grove, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gaseous conduction discharge device. 2,367,579; Jan. 16.

Henry, Donald E., Cedar Grove, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photoelectric device. 2,374,287; Apr. 24.

Henry, Erwin W., Arapahoe County, Colo. Speed reduction gear. 2,382,482; Aug. 14.

Henry, George D., Kansas City, Mo. Saw. 2,375,651; May 8.

Henry, Otto H., et al.: *See*—
Globus, Alfred R., assignor.

Henry Pratt Company: *See*—
Smith, William S., assignor.

Henry, Ralph W., Manor Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Producing stepped wire. 2,379,801; July 3.

Henry, Robert J., Hanover, Pa., assignor of one-half to L. Goldstein, Roxbury, Mass. Airplane fuel tank draining and transferring device. 2,376,874; May 29.

Henry, Robert J., assignor of fifty per cent to C. L. Gibbons, Malden, Mo. Pool table attachment. 2,380,756; July 31.

Henry, Wesley C., Burbank, and Allen B. Maxam, Glendale, Calif. Collet chuck. 2,387,511; Oct. 23.

Henschel, Chester J., New York, N. Y. Dental engine accessory equipment. 2,390,710; Dec. 11.

Henschel, Leopold O.: *See*—
Trostler, F., Skelton, and Henschel.

Henschker, Erhard R., Parkstone, assignor to The Loewy Engineering Company Limited, London, England. Clutch. 2,368,987; Feb. 6.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,371,239; Mar. 13.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Gold base brazing solder. 2,374,995; May 1.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver-thallium bearing. 2,375,224; May 8.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metallic compositions containing bismuth. 2,379,232; June 26.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,379,434; July 3.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing and the like. 2,379,435; July 3.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contacting element. 2,387,903; Oct. 30.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug and electrode therefor. 2,391,455; Dec. 25.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug electrode. 2,391,456; Dec. 25.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark gap electrode. 2,391,458; Dec. 25.

Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug and electrode therefor. 2,391,459; Dec. 25.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Refractory metal composition. 2,370,242; Feb. 27.

Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indanapolis, Ind. Electric contact. 2,371,240; Mar. 13.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,372,202; Mar. 27.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Sintered metal articles and making. 2,372,203; Mar. 27.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Bearing. 2,377,882; June 12.

Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Antifriction alloy. 2,381,497; Aug. 7.

Hensel, Walter C., assignor to Universal Oil Products Company, Chicago, Ill. Wall construction for heaters. 2,389,622; Nov. 27.

Henshaw, Richard C., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,385,759; Sept. 25.

Henshaw, Thomas A., Gatley, England. Automatic sprinkler head for fire extinguishers. 2,370,243; Feb. 27.

Hensley, Floyd F.: *See*—
Matthews, R. E., and Hensley.

Henson, Granville I., Dallas, Tex. Chuck sleeve gear guard and drill bit holding jaw guard combined. 2,376,432; May 22.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, and E. Schirm and H. Engelbrecht, Dessau, Germany; vested in the Alien Property Custodian. Preparing capillary active substances. 2,374,934; May 1.

Hentrich, Winfrid, Dessau-Rosslau, and W. Gündel, Dessau, Germany; vested in the Alien Property Custodian. Producing condensation products. 2,378,551; June 19.

Hentrich, Winfrid, Rodleben, near Dessau-Rosslau, Anhalt, W. Kaiser, Dessau, Anhalt, and R. Endres, Dessau-Rosslau, Anhalt, Germany; vested in the Alien Property Custodian. Dissolving, softening, gelatinizing, and swelling agents. 2,382,714; Aug. 14.

Hentrich, Winfrid, Dessau-Rosslau, H.-J. Engelbrecht and E. Schirm, Dessau, Germany; vested in the Alien Property Custodian. Capillary active agents. 2,383,859; Aug. 28.

Hepp, Harold J.: *See*—
Frey, F. E., and Hepp.
Welling, C. E., and Hepp.

Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Refining aromatic oils. 2,387,993; Oct. 30.

Hepp, Harold J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of diolefins. 2,391,158; Dec. 18.
Hepperle, Erwin: *See*—
Lippert, H., and Hepperle.
Heppner, Fritz A. M., Leamington Spa, England, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Bladed rotor. 2,391,623; Dec. 25.
Herb, Otto J., assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Fountain brush. 2,382,314; Aug. 14.
Herbener, Henry M.: *See*—
Drake, Jerry H., assignor.
Herbert, Alfred, Limited: *See*—
Lloyd, Arthur H., assignor.
Herbert, Charles C., San Jose, Calif. Trommel. 2,375,552; May 8.
Herbert, Elmer H., assignor to Oliver United Felters Incorporated, Oakland, Calif. Diaphragm pump. 2,383,193; Aug. 21.
Herbert, Lionel, Washington, D. C. Portable leg and foot rest. 2,375,225; May 8.
Herbits, William, et al.: *See*—
Mendes, John C., assignor.
Herbline, Célestin L., Paris, France; vested in the Alien Property Custodian. Apparatus for producing smoke. 2,369,568; Feb. 13.
Herbrick, Milton B., Sterling, Colo. Cleaning device. 2,367,774; Jan. 23.
Herbster, George, Cleveland, Ohio. Air diffusing and ventilating unit. 2,378,012; June 12.
Hercik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Alligator shear. 2,370,311; Feb. 27.
Hercik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Portable crane. 2,382,054; Aug. 14.
Hercules Powder Company: *See*—
Alexander, Harvey B., assignor.
Anderson, Gilbert R., assignor.
Audrieth, Ludwig F., assignor.
Babcock, Leon W., assignor.
Borglin, Joseph N., assignor.
Bouchard, Frederick J., assignor.
Bried, Edward A., assignor.
Cairns, R. W., and Stern, assignors.
Campbell, William P., assignor.
Carson, William F., Jr., assignor.
Chappell, Fred L., Jr., assignor.
Clare, Irwin C., assignor.
Cox, Richard F. B., assignor.
Darling, Robert B., assignor.
Drew, John, assignor.
Ely, A. R., and Smith, assignors.
Erickson, Ewald, assignor.
Gardner, Frank H., assignor.
Gloor, Walter E., assignor.
Hanley, Edward J., assignor.
Hogg, George F., assignor.
Johnston, Alan C., assignor.
Johnson, John B., assignor.
Kirkpatrick, William J., assignor.
Koch, William W., assignor.
Lamborn, Bayard T., assignor.
Lawrence, Robert W., assignor.
Lister, Donald A., assignor.
Little, Julius G., assignor.
Maguire, Milton J., assignor.
Martin, Robert W., assignor.
Mayfield, Evart E., assignor.
Miller, Abraham B., assignor.
Miller, J. S., and Present, assignors.
Moore, Malcolm C., assignor.
Mosher, Paul R., assignor.
Norman, G. M., and Stuart, assignors.
Oatman, William F., assignor.
Osborn, Robert H., assignor.
Osterhof, Arthur L., assignor.
Ott, Emil, assignor.
Piech, Frank E., assignor.
Pragoff, Emile, Jr., assignor.
Ray, Philip A., assignor.
Rummelsburg, Alfred L., assignor.
Sanford, Arthur H., assignor.
Schlaanstine, Raymond F., assignor.
Scrutchfield, Paul H., assignor.
Shapleigh, James H., assignor.
Sheffield, Donald H., assignor.
Spaulding, Edwin B., assignor.
Speicher, John K., assignor.
Spiller, George, assignor.
Spurlin, Harold M., assignor.
Steiner, John E., assignor.
Stern, Raphael L., assignor.
Stevenson, William H., assignor.
Thompson, Friar M., Jr., assignor.
Tinsley, John S., assignor.
Tomkinson, Henry L., assignor.
Traylor, Waldorf S., assignor.
Troxler, Bernhart, assignor.
Underwood, George J., assignor.
Ware, Harris O., assignor.
Wendt, Edward J., assignor.
Herdeck, Elmer, Elmhurst, Ill. Pantograph for mechanical stencil duplication. 2,368,925; Feb. 6.
Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of rubber treated fiber. 2,375,414; May 8.
Herkenhoff, Earl C.: *See*—
Booth, R. B., and Herkenhoff.
Herkenhoff, Earl C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Flotation of iron ores. 2,387,081; Oct. 16.
Herkenhoff, Earl C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Flotation of iron ores. 2,389,727; Nov. 27.
Herkert, Leo M.: *See*—
Korevec, Edward A., assignor.
Herkert, Louis, Boulogne-sur-Seine, France; vested in the Alien Property Custodian. Tubular remote-control device. 2,372,204; Mar. 27.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,368,022; Jan. 23.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,368,023; Jan. 23.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,388,057; Oct. 30.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,388,058; Oct. 30.
Herlocker, Robert D., Hammond, M. P. Kleinholz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricant. 2,388,059; Oct. 30.
Herman, Harold M., Chicago, Ill. Paper dispenser. 2,372,421; Mar. 27.
Herman, Jack, Oklahoma City, Okla. Self-releasing hoisting hook. 2,370,312; Feb. 27.
Herman, John: *See*—
Drake, L. C., Herman, and Scafe.
Herman, Joseph, and J. Feuer, Brooklyn, N. Y. Cloth holder for cutting tables. 2,372,779; Apr. 3.
Herman, Kenneth R.: *See*—
Vickers, H. F., and Herman.
Herman Plaut Company: *See*—
Heineman, Frances, assignor.
Hermandorfer, Arthur W.: *See*—
Harvey, J. F., and Hermandorfer.
Hermani, Louis, Baltimore, Md., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Article conveying and uprighting apparatus. 2,371,888; Mar. 20.
Hermann, Arthur, assignor to Taylor Instrument Companies, Rochester, N. Y. Apparatus for bumping platen presses. 2,381,125; Aug. 7.
Hermann, Clarence C.: *See*—
Schneible, C. B., and Hermann.
Hermann, Siegwart, New York, N. Y. X-ray contrast composition. 2,368,833; Feb. 6.
Hermann, Siegwart, and M. H. Hahn, New York, N. Y., and H. H. Dorer, New Brunswick, assignors to Verona Chemical Company, Newark, N. J. Granular bouillon. 2,376,485; May 22.
Hermann, Siegwart, and M. H. Hahn, New York, N. Y., and H. H. Dorer, New Brunswick, assignors to Verona Chemical Company, Newark, N. J. Granular bouillon. 2,376,486; May 22.
Hermansen, Evald, assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid seal. 2,391,159; Dec. 18.
Hermanson, Henning S., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid pressure motor. 2,372,273; Mar. 27.
Hermanson, William A., Brookline, Mass. Filter. 2,386,684; Oct. 9.
Hermitte, Louis A., La Courneuve, France; vested in the Alien Property Custodian. Gas turbine motor plant. 2,371,889; Mar. 20.
Herne, Howard J. L., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electron discharge tube. 2,380,757; July 31.
Hernon, Lon, Chicago, Ill. Combination comb and brush. 2,383,967; Sept. 4.
Herold, Edward W., Kingston, N. J., assignor to Radio Corporation of America. Ultra high frequency vacuum tube circuit. 2,373,184; Apr. 10.
Herold, James L., St. Louis, and F. W. Wehmiller, Ladue, assignors to Barry-Wehmiller Machinery Company, St. Louis, Mo. Clutch device. 2,371,993; Mar. 20.
Herold, John F.: *See*—
Butler, D. E., Herold, and Zacher.
Herold, Paul, and H. Kaufmann, Leuna, and A. Woerner, Mannheim, Germany; vested in the Alien Property Custodian. Manufacture of hydrocarbons. 2,371,890; Mar. 20.
Herold, Walter F., Easton, assignor to The Bassick Company, Bridgeport, Conn. Posture chair. 2,374,350; Apr. 24.

Herold, Walter F., Easton, Conn., assignor to The Bassick Company, Bridgeport, Conn. Wheel mounting. 2,377,232; May 29.
Herr, Donald S.: *See*—
Myers, R. J., and Herr.
Herrera, Juan H., Habana, Cuba. Steam generator for heaters and infusion strainers. 2,371,328; Mar. 13.
Herreshoff, Alexander G.: *See*—
Woolsen, H. T., Herreshoff, Hicks, Parker, and Wyatt.
Herreshoff, Alexander G., Grosse Pointe, and J. P. Butterfield, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coupling. 2,381,745; Aug. 7.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone substation circuit. 2,369,144; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone substation circuit. 2,369,351; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,369,352; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Transmission system. 2,369,460; Feb. 13.
Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Transmission system. 2,371,291; Mar. 13.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Communication system. 2,383,312; Aug. 21.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Communication system. 2,384,913; Sept. 18.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Intercommunication system. 2,385,515; Sept. 25.
Herrick, Roswell H., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,389,666; Nov. 27.
Herrick, Walter W., Milford, N. J., assignor to Riegel Paper Corporation, New York, N. Y. Coating paper. 2,375,360; May 8.
Herrick, William W., assignor of twenty-five per cent to P. W. Whittlesey, Stamford, and twenty-five per cent to B. Blair, Darien, Conn. Anodizing method. 2,370,463; Feb. 27.
Herring, W. M., et al.: *See*—
Flook, Cyril M., assignor.
Herring, William W., Oklahoma City, Okla. Concrete wall form. 2,387,445; Oct. 23.
Herrmann, Max, Chicago, Ill. Toy. 2,386,853; Oct. 16.
Herron, Joseph E., Philadelphia, Pa. Engine piston. 2,384,305; Sept. 4.
Herron, Ollie L., Chicago, Ill. Venetian blind. 2,379,353; June 26.
Herron, Wingo, Augusta, Ga. Holdup for lug straps. 2,388,146; Oct. 30.
Herrstrom, Hjalmar Q., Rock Island, Ill., assignor to International Harvester Company. Harvester reel. 2,387,069; Oct. 16.
Herscovici, Lillian, Outremont, Quebec, Canada. Garment. 2,375,845; May 15.
Hersey, Arthur J., and C. L. Madden, Minneapolis, Minn. Car wheel. 2,366,259; Jan. 2.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,384,620; Sept. 11.
Hertel, Heinrich, Rostock, Germany; vested in the Alien Property Custodian. Ammunition container for aircraft. 2,382,715; Aug. 14.
Herter, Edward J., Jr.: *See*—
Kisch, L. A., and Herter.
Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Process. 2,374,996; May 1.
Hertrich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Centrifugal machine and driving system therefor. 2,380,595; July 31.
Hertrich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Torque control hydraulic clutch or coupling. 2,380,596; July 31.
Hertz, Irving, et al.: *See*—
Young, Edgar C., assignor.
Hertz, Jørgen, Copenhagen, Denmark; vested in the Alien Property Custodian. Dishwashing machine, primarily for household use. 2,372,205; Mar. 27.
Hertz, Roy, and W. H. Sebrell, Bethesda, Md., assignors to the Government of the United States, as represented by the Administrator of the Federal Security Agency. Producing biotin inactivating material. 2,370,662; Mar. 6.
Hervert, George L., assignor to Universal Oil Products Company, Chicago, Ill. Stirring and mixing device. 2,377,937; June 12.
Hervey, Chilion L., Washington, D. C. Mobile gun emplacement. 2,389,623; Nov. 27.
Herz, Cornelius M.: *See*—
Irwin, R. W., and Herz.
Herz, Cornelius M., assignor to Irwin Machinery Company, Grand Rapids, Mich. Board feed for woodworking machines. 2,387,446; Oct. 23.

Herzegh, Frank, Shaker Heights, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bead locking ring. 2,390,303: Dec. 4.
Herzmark, Nicolas, New York, N. Y. Compressor. 2,382,716; Aug. 14.
Herzmark, Nicolas, New York, N. Y. Cooling system. 2,382,717; Aug. 14.
Herzog, Carl, Belleville, N. J. Stem machine chuck. 2,366,786; Jan. 9.
Herzog, Carl, Belleville, N. J. Rotary oven. 2,379,485; July 3.
Herzog, Carl, Belleville, N. J. Producing electronic devices. 2,391,572; Dec. 25.
Herzog, Carl, Belleville, N. J. Method of and apparatus for making cold cathode fluorescent lamps or the like. 2,391,573; Dec. 25.
Herzog, Gerhard: *See*—
Wolf, A., and Herzog.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Method and apparatus for logging boreholes. 2,378,408; June 19.
Herzog, Gerhard, Houston, Tex., assignor to The Texas Company, New York, N. Y. Cushioning device for radiation detectors. 2,385,857; Oct. 2.
Herzmark, Nicolas, Indianapolis, Ind. Regenerating exhaled air. 2,389,309; Nov. 20.
Hess, Aaron, Lake Como, N. J. Segregating pocket. 2,375,652; May 8.
Hess, Arthur L., Cincinnati, Ohio, assignor to Ditto, Incorporated, Chicago, Ill. Sheet handling method. 2,389,854; Nov. 27.
Hess, Charles, Yonkers, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Taping machine. 2,372,780; Apr. 3.
Hess, Frederic O., Philadelphia, Pa., assignor to Selas Corporation of America. Method of and apparatus for heating. 2,367,119; Jan. 9.
Hess, Frederic O., Germantown, assignor to Selas Corporation of America, Philadelphia, Pa. Airplane heater. 2,383,650; Aug. 28.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Heater. 2,386,746; Oct. 9.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Heater. 2,386,462; Oct. 9.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Aircraft heating means. 2,387,583; Oct. 23.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Forming vitreous coatings. 2,388,611; Nov. 6.
Hess, Frederic O., Germantown, Pa., assignor to Selas Corporation of America. Airplane heating means. 2,390,255; Dec. 4.
Hess, Frederic O., Germantown, and R. E. B. Wakefield, Aldan, Pa., assignors to Selas Corporation of America. Heater. 2,387,022; Oct. 16.
Hess, Frederic O., Germantown, and R. E. B. Wakefield, Aldan, Pa., assignors to Selas Corporation of America. Airplane heating system. 2,388,969; Nov. 13.
Hess, Frederic O., Germantown, Pa., and C. P. Mann, Riverton, N. J., assignors to Selas Corporation of America. Airplane heating means. 2,388,970; Nov. 13.
Hess, George M., Altoona, Pa. Mechanical toy. 2,388,483; Nov. 6.
Hess, Joseph W.: *See*—
Korn, A., Hess, and Ruskin.
Hess, Louis F., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Air inlet. 2,389,310; Nov. 20.
Hess, Relza J., Park Ridge, Ill., assignor, by mesne assignments, to American Steel Foundries. Equalizing hydraulic ram travel. 2,377,007; May 29.
Hess, T. Melville: *See*—
Hanawalt, J. D., and Hess.
Hess, Willard C., Wyoming, and S. Glueck, Cincinnati, Ohio. Vehicle frame. 2,370,726; Mar. 6.
Hess, Willis C., assignor to Trico Products Corporation, Buffalo, N. Y. Valve. 2,380,597; July 31.
Hesse, William, Brooklyn, N. Y. Flame expander for fuel oil burners. 2,368,301; Jan. 30.
Hessel, Frederick A., Montclair, and J. B. Rust, Verona, N. J., assignors to Ellis-Foster Company. Rendering wool nonfelting. 2,382,632; Aug. 14.
Hesselberth, Wilfred M.: *See*—
George, R. H., and Hesselberth.
Hesselman, Edward F., Wahroonga, near Sydney, New South Wales, Australia, assignor to Hartford National Bank and Trust Company, as trustee. Mechanism for forming tubular rivets. 2,386,550; Oct. 9.
Hessels, Johan H. E., Klein Soengei-Karang, Galang, Sumatra, Netherlands East Indies; vested in the Alien Property Custodian. Improving the properties of rubber latex. 2,367,120; Jan. 9.
Hessey, Frederic E., Manoa, assignor to The Brown Instrument Company, Philadelphia, Pa. Adjustable resistance. 2,368,710; Feb. 6.
Hesson, Robert B.: *See*—
Hedberg, C. W. J., and Hesson.
Hester, James A., Sr., Windsor, Ontario, Canada. Humidifying apparatus. 2,366,906; Jan. 9.
Hester, William F.: *See*—
Craig, W. E., and Hester.

Hester, William F., Drexel Hill, and W E Craig, assignors to Röhm & Haas Company, Philadelphia, Pa. Esters of halonitrophenols. 2,384,306; Sept. 4.
Heth, Sherman C.: *See*—
Krause, N. R., and Heth.
Heth, Sherman C., assignor to J. I. Case Company, Racine, Wis. Header construction for harvesting machines. 2,388,147; Oct. 30.
Hetherington, Harry C., Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Taste and odor removal from organic compounds. 2,388,148; Oct. 30.
Hetherington, Robert, Sharon Hill, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del. Single throw hill and valley switch. 2,386,162; Oct. 2.
Hetherington, Robert, Sharon Hill, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del. Heat coil operated thermal switch. 2,387,904; Oct. 30.
Hetherington, Robert, & Son, Inc.: *See*—
Hetherington, Robert, assignor.
Hetzler, Chalmer D., Dayton, Ohio. Coupling device. 2,378,297; June 12.
Heuberger, Josef, assignor to Aktiebolaget Hammarby-lampan, Stockholm, Sweden. Manufacture of graphite molds and the like. 2,370,350; Feb. 27.
Heuer, Ernest, Vallejo, Calif. Stud bolt retractor and drive. 2,391,624; Dec. 25.
Heuser, Herman, deceased, Evanston, Ill.; I. B. Heuser, administratrix. Animal food and preparing the same. 2,377,008; May 29.
Heuser, Irene B., administratrix: *See*—
Heuser, Herman.
Heusted, George B.: *See*—
Dreisbach, R. R., and Heusted.
Heuver, Herbert M., Dayton, Ohio. Apparatus for determining pressure distribution on airfoils and the like. 2,390,534; Dec. 11.
Hewes, Ralph W., assignor to General Railway Signal Company, Rochester, N. Y. Oscillating code transmitter. 2,388,484; Nov. 6.
Hewett, John B.: *See*—
Serre, M., Hewett, and Schaefer.
Hewett, Philip S.: *See*—
Hodgins, T. S., and Hewett.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid drive for compressors. 2,372,326; Mar. 27.
Hewitt, Ellis E., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Compressor throttling apparatus. 2,383,250; Aug. 21.
Hewitt, Ellis E., Edgewood. Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor head and governor assembly. 2,383,251; Aug. 21.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,388,357; Nov. 6.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,389,048; Nov. 13.
Hewitt, Elmer S., Wilmette, Ill. Electric drier. 2,375,920; May 15.
Hewitt, Ernest W.: *See*—
Dirkes, R. F., Long, Melick, and Hewitt.
Hewitt, Norman E., Sunbury-on-Thames, England. Mechanism for transmitting linear or rotary movement. 2,384,742; Sept. 11.
Hewitt, William C.: *See*—
Boatright, R. G., Jr., and Hewitt.
Hewlett, Allen M., Haina, Hamakua, Hawaii. Sugar-cane feeder. 2,367,278; Jan. 16.
Hewlett, Allen M., Haina, Hamakua, Territory of Hawaii. Automatic diverter for sugar contaminated condensates. 2,376,694; May 22.
Hewlett, Amiot P., Summit, and G. E. Phillips, Cranford, N. J., assignors to Standard Oil Development Company. Refining petroleum oils. 2,391,091; Dec. 18.
Hewlett, Ray E.: *See*—
Wallace, D. A., Hewlett, and Wilbur.
Hexter, Paul L., assignor to The Arco Company, Cleveland, Ohio. Paint dispensing apparatus. 2,374,430; Apr. 24.
Heyd, Josef W.: *See*—
Emerson, W. S., and Heyd.
Heyden Chemical Corporation: *See*—
Barth, R. H., and Burrell, assignors.
Bowman, P. I., and Burrell, assignors.
Burrell, H., and Bowman, assignors.
Dougherty, G., and Barth, assignors.
Remensnyder, John P., assignor.
Heyer, Benjamin F. W., Tenafly, N. J. Battery charging thermostat. 2,376,056; May 15.
Heyer, Benjamin F. W., Tenafly, C. W. Dalzell, West Caldwell, and J. W. Horton, East Orange, N. J. Fast charger. 2,369,826; Feb. 20.
Heyer Corporation, The: *See*—
De Cardy, Otto, assignor.
Heyer, Don, Los Angeles, Calif. Chamfering tool. 2,373,474; Apr. 10.
Heyer, Don, Inglewood, Calif. Automatic power transmission. 2,377,009; May 29.
Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Combination padlock. 2,378,768; June 19.
Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Luggage lock. 2,388,227; Oct. 30.
Heygel, Paul R., Asheville, N. C., assignor to Ecusta Paper Corporation. Indicating device. 2,370,165; Feb. 27.
Heyman, Herman, Brooklyn, N. Y. Gauge. 2,372,493; Mar. 27.
Heyman, Irene K.: *See*—
Heyman, Moses D., assignor.
Heyman, Moses D., assignor of one-half to I. K. Heyman, Cedarhurst, N. Y. Feeding device. 2,385,988; Oct. 2.
Heyman, Sam, assignor to Aerovox Corporation, New Bedford, Mass. Temperature compensated capacitor and reactance. 2,383,480; Aug. 28.
Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Yarnlike structure. 2,369,395; Feb. 13.
Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Heating system. 2,370,035; Feb. 20.
Heymann, Seymour E., assignor to Stewart-Warner Corporation, Chicago, Ill. Hollow fin heat exchanger. 2,385,080; Sept. 18.
Heymann, Seymour E., Hollywood, Calif., assignor to Stewart-Warner Corporation, Chicago, Ill. Aircraft heating apparatus. 2,381,591; Aug. 7.
Heynisch, Paul, Zug, Switzerland, assignor to Landis & Gyr, A. G. Maximum demand metering device. 2,382,009; Aug. 14.
Heywood, Basil J., A. H. Knight, and M. Lapworth, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,370,537; Feb. 27.
Heywood, Vincent E., Worcester, and W. M. Cary, South Hadley, assignors to United States Envelope Company, Springfield, Mass. Dispensing container. 2,371,521; Mar. 13.
Heywood, Vincent E., and D. A. McRae, Worcester, assignors to United States Envelope Company, Springfield, Mass. Inking device for aniline color printing. 2,374,096; Apr. 17.
Hiatt, Gerald H.: *See*—
Ringle, C. J., Hiatt, and Smith.
Hibbard, Lloyd J.: *See*—
Baston, C. E., and Hibbard.
Hibbard, Lloyd J., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,387,262; Oct. 23.
Hibbard, Thomas L.: *See*—
Galamb, J., and Hibbard.
Hibner, De Los E.: *See*—
Arey, F. C., and Hibner.
Hibner, De Los E., and F. C. Arey, Du Bois, Pa., assignors to Vulcan Soot Blower Corporation. Pendulum type soot blower. 2,368,612; Jan. 30.
Hibshman, Henry J., Plainfield, and W. T. Knox, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Recovery and regeneration of normal butenes from a sulphuric acid solution thereof. 2,388,971; Nov. 13.
Hickenlooper, Walter S., Long Beach, Calif. Lifting device. 2,382,718; Aug. 14.
Hickey, James, Portland, Oreg. Parking indicator. 2,389,908; Nov. 27.
Hickey, John J., Arlington, N. J. Machine for playing card games. 2,383,860; Aug. 28.
Hickey, Morris M., Appleton, Wis. Building foundation digger. 2,384,466; Sept. 11.
Hickey, Richard J.: *See*—
Fulmer, E. I., Underkofler, and Hickey.
Hickey, Robert B., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Production of resilient filaments and fibers. 2,373,892; Apr. 17.
Hickey, Rowena, C., assignor of one-half to L. Donarico, Omaha, Nebr. Drying composition for nail polish. 2,366,260; Jan. 2.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Floating chair type seat. 2,366,730; Jan. 9.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad cars. 2,371,169; Mar. 13.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad car bodies. 2,377,883; June 12.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co. Inc., Eden, N. Y. Spring suspension for railroad cars. 2,386,795; Oct. 16.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation apparatus. 2,370,464; Feb. 27.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. High vacuum pumps and self-pumping stills. 2,379,151; June 26.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum production and apparatus therefor. 2,379,152; June 26.
Hickman, Kenneth C. D., and G. A. Kuipers, assignors to Distillation Products, Inc., Rochester, N. Y. Method and apparatus for producing vacuums. 2,379,436; July 3.
Hickman Pneumatic Seat Co. Inc.: *See*—
Hickman, Albert F., assignor.

Hickok, Robert D., assignor to Cleveland Patents, Incorporated, Cleveland, Ohio. Electric meter. Re. 22,623; Mar. 27.

Hickok, W. O., Mfg. Co., The: *See*—
Thompson, Robert J., assignor.

Hicks-Bruun, Mildred M.: *See*—
Bruun, Johannes H.

Hicks, Harold A.: *See* —
Woolsen, H. T., Herreshoff, Hicks, Parker, and Wyatt.

Hicks, Harold A., Detroit, I. E. Johnson, Huntington Woods, and A. W. Ross, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Vehicle body structure. 2,380,523; July 31.

Hicks, Hobert L., Vancouver, Wash. Vehicle signal light. 2,377,419; June 5.

Hicks, James A., deceased, Atlanta, Ga.; R. L. Holbrook, administrator, assignor to A. L. Belle Isle. Brake equalizer. 2,382,223; Aug. 14.

Hicks, James A., deceased, by R. L. Holbrook, Atlanta, Ga., assignor to A. L. Belle Isle. Fluid pressure control unit for laundry machines and the like. 2,382,224; Aug. 14.

Hicks, James R., assignor to The Bristol Company, Waterbury, Conn. Null-type fluid manometer system. 2,380,177; July 10.

Hicks, James R., Waterbury, assignor to The Bristol Company, New Haven, Conn. Adjusting profiles. 2,387,149; Oct. 16.

Hicks, Lester M., assignor to Eastman Kodak Company, Rochester, N. Y. Etching. 2,371,758; Mar. 20.

Hicks, Louis E., Portland, Oreg. Vehicle stabilizer. 2,380,309; July 10.

Hicks, Paris P., Jane Lew, assignor of one-half to M. Faulkner, Weston, W. Va. Tractor rake. 2,388,411; Nov. 6.

Hicks, Tip A., Sr., Catonsville, assignor to The Glenn L. Martin Company, Middle River, Md. Angle edging device. 2,373,829; Apr. 17.

Hicks, William H., Las Vegas, Nev., assignor of one-third to J. E. Gallois, San Francisco, and one-third to H. Hammond, Los Angeles, Calif. Ceramic composition. 2,388,060; Oct. 30.

Hieber, Sonia L., Atlanta, Ga. Fabric repair machine. 2,385,703; Sept. 25.

Hiemenz, William, and P. Setz, Albany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sulpha-thiazoles. 2,366,189; Jan. 2.

Higby, Maynard W., Utica, N. Y. Machine for tearing woven fabric. 2,370,465; Feb. 27.

Higginbotham, Earnest L., Hybla Valley, Va. Incubator for premature babies. 2,369,396; Feb. 13.

Higgins, Alfred E.: *See*—
Phillips, H., Middlebrook, and Higgins.

Higgins, Andrew J., New Orleans, La. Boat hull construction. 2,369,633; Feb. 13.

Higgins, Andrew J., Jr., New Orleans, La. Obstacle plow. 2,381,665; Aug. 7.

Higgins, Frank, Princeton, Ill. Combined stabilizer and anchor cord holders for duck decoys. 2,368,834; Feb. 6.

Higgins Industries, Incorporated: *See*—
Dugas, Joseph J., assignor.
Peterson, Hillis S., assignor.

Higgins, John M., Boulder City, Nev. Changeable road map and information device. 2,374,935; May 1.

Higgins, Walter A., U. S. Army, Fall River, Mass. Portable gas disinfestor. 2,375,226; May 8.

Higginson, John: *See*—
Scarlett, A. A., and Higginson.

High Production Machine Co., Inc.: *See*—
Haessler, William J., assignor.

High Standard Manufacturing Corporation, The: *See*—
Humeston, Frederick L., assignor.

Higham, William W., assignor, by mesne assignments, to International Detrola Corporation, Elkhart, Ind. Vending machine. 2,390,535; Dec. 11.

Highberg, Axel L., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Spark control. 2,390,881; Dec. 11.

Highberger, John H., and H. J. Kersten, assignors to Foundation of The Research Laboratory of the Tanners' Council of the United States of America at the University of Cincinnati, Inc., Cincinnati, Ohio. Gelatin filaments and preparation thereof. 2,374,201; Apr. 24.

Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Thermal responsive device. Re. 22,688; Nov. 6.

Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Fire pot. 2,378,220; June 12.

Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Burner lighter. 2,374,431; Apr. 24.

Higonnet, René A., and L. N. Chereau, Lyon, France; vested in the Alien Property Custodian. Apparatus for copying documents and the like. 2,388,264; Nov. 6.

Hijmans, Ernst, The Hague, Netherlands; vested in the Alien Property Custodian. Tool mounting. 2,390,148; Dec. 4.

Hilberg, Frank C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Luminescent adhesive tape. 2,387,512; Oct. 23.

Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Mower. 2,387,070; Oct. 16.

Hilborn, Edwin H.: *See*—
Nadeau, G. F., Hilborn, and Hunter.

Hildebrecht, Charles V., Chicago, Ill., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device and the like. 2,379,712; July 3.

Hildreth, Clarence G., Pittsburgh, Pa. Truss. 2,388,847; Nov. 13.

Hile, Heston H., Riverside, Conn., assignor to United States Rubber Company, New York, N. Y. Resilient mounting. 2,375,105; May 1.

Hile, Heston H., Riverside, Conn., assignor to United States Rubber Company, New York, N. Y. Resilient mounting. 2,386,463; Oct. 9.

Hiles, Pearl M., assignor to The Standard Register Company, Dayton, Ohio. Autographic register. 2,374,202; Apr. 24.

Hilferty, Richard A., Baldwin, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Synthetic modulator system. 2,378,013; June 12.

Hilferty, Richard A., Baldwin, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Composite-modulation radio service. 2,378,298; June 12.

Hilferty, Richard A., Baldwin, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Radio service system. 2,378,299; June 12.

Hilgeman, Carl F.: *See*—
Shelby, A., and Hilgeman.

Hilker, Earl E., Spring Garden Township, York County, assignor to S. Morgan Smith Company, York, Pa. Valve operating mechanism. 2,383,549; Aug. 28.

Hill Acme Company, The: *See*—
Hercik, Lad L., assignor.

Hill, Albert E., Detroit, Mich. Apparatus for reforming and forming rail end balls. 2,375,470; May 8.

Hill, Alfred G., North Branch, and R. E. Sayre, Metuchen, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of monoethyl aniline. 2,377,233; May 29.

Hill, Arthur J.: *See*—
Baird, W., Hill, Harris, Oakeshott, and Wilson.
Parker, R. P., and Hill.
Salvin, V. S., and Hill.

Hill, Arthur J., New Haven, Conn., and W. M. Degnan, Bloomington, Ind., assignors to American Cyanamid Company, New York, N. Y. Acidyl biurets. 2,379,486; July 3.

Hill, C. V., & Company, Inc.: *See*—
Caulk, J. R., Jr., and Davis, assignors.

Hill, Charles A., Oakland, assignor to William C. Frost, San Francisco, Calif. Ladder. 2,384,743; Sept. 11.

Hill, Dewey H.: *See*—
Tolley, D. B., and Hill.

Hill, Donald M., et al., trustees: *See*—
Boughton, W. A., Mansfield, and Hughes, assignors.

Hill, Donald P., Wilmington, Del., and G. A. Peirce, Westfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphamic acid. 2,390,648; Dec. 11.

Hill, Douglas G. B., Corunna, assignor to Stout Houses, Incorporated, Detroit, Mich. Building structure. 2,376,695; May 22.

Hill, Dudley L., Peekskill, N. Y. Implement for soil preparation. 2,385,441; Sept. 25.

Hill, E. Govan, et al.: *See*—
Phillips, John X., assignor.

Hill, Earl J., Bahama, and L. A. Smith, Durham, N. C. Paper roll holder. 2,372,949; Apr. 3.

Hill, Francis A., 2nd: *See*—
Hill, Myron F. and F. A.

Hill, Frank B., and W. H. Kimpton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Shrinking of textile yarns and like materials. 2,388,742; Nov. 13.

Hill, Frank E.: *See*—
Da Roza, F. G., and Hill.

Hill, Frederick W., Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Synchronized conveyer mechanism and printing press. 2,386,551; Oct. 9.

Hill, Frederick W., Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Machine for threading and cutting tubular articles. 2,390,533; Dec. 11.

Hill, George B.: *See*—
Moschel, H., and Hill.

Hill, George S., North East, Pa., assignor to General Electric Company. Ice making apparatus. Re. 22,689; Nov. 6.

Hill, George S., North East, Pa., assignor to General Electric Company. Ice making apparatus. 2,374,997; May 1.

Hill, Grover B.: *See*—
Asbill, C. M., Jr., and Hill.

Hill, Harvey W., Parkville, Mo. Boot holder. 2,383,651; Aug. 28.

Hill, Henry C., Montclair, N. J., assignor to Wright Aeronautical Corporation. Liquid cooled supercharger. 2,384,251; Sept. 4.

Hill, Henry C., Montclair, H. D. Jackes, Bloomfield, and F. M. Kincaid, Jr., Mountain Lakes, N. J., assignors to Wright Aeronautical Corporation. Transmission. 2,368,835; Feb. 6.
Hill, Hillary L., Chelmsford, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Power drive for window regulators. 2,382,791; Aug. 14.
Hill, Hugh G., Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Can soldering mechanism. 2,371,170; Mar. 13.
Hill, Irving, Lawrence, Kans. Method and machine for making composite boards. 2,384,676; Sept. 11.
Hill, Iver F., Stratford, Conn. Brassière. 2,391,417; Dec. 25.
Hill, James H., assignor of forty-nine per cent to H. F. Craven, Long Beach, Calif. Welding rod holder. 2,390,837; Dec. 11.
Hill, Joanna, Bangor, Saskatchewan, Canada. Railroad seat. 2,383,125; Aug. 21.
Hill, John W., Cromwell, Minn. Vari-position golf club. 2,386,552; Oct. 9.
Hill, Joseph M.: *See*—
Pfeiffer, D. C., and Hill.
Hill, Lawrence R.: *See*—
Barker, H. H., and Hill.
Hill, Marvin L., Summit, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical coil. 2,377,420; June 5.
Hill, Myron F., Westport, Conn. Elliptical contour for rotor teeth. 2,389,728; Nov. 27.
Hill, Myron F. and F. A., 2nd, Westport, Conn. Balanced compressor. 2,386,896; Oct. 16.
Hill, Ralph H., Flint, Mich. Rotary disk valve. 2,387,397; Oct. 23.
Hill, Ralph M., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Polishing element. 2,378,630; June 19.
Hill, Robert H., assignor to J. E. Taylor, Elgin, Ill., doing business as Taylor Engineering Company. Apparatus for utilizing liquefied gases. 2,384,677; Sept. 11.
Hill, Robert H., assignor to General Motors Corporation, Detroit, Mich. Servo motor. 2,391,702; Dec. 25.
Hill, Rowland: *See*—
Anderson, J. G., Hill, and Morgan.
Gudgeon, H., and Hill.
Hill, Thomas M.: *See*—
Osborne, A. G., and Hill.
Hill, Walter E.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle.
Hill, Walker, Meridian, Miss. Thermal switch. 2,378,080; June 12.
Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Primer and manufacturing and loading the same. 2,366,333; Jan. 2.
Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Combined punch and extruding tool. 2,367,121; Jan. 9.
Hill, William H., Mount Lebanon, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Organic cyanamide transmission fluids. 2,370,663; Mar. 6.
Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Making alkali metal cyanides. 2,381,285; Aug. 7.
Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Pickling inhibitors. 2,384,467; Sept. 11.
Hillberg, Bror, assignor to Superior Concrete Accessories, Chicago, Ill. Combined bar support and spacer. 2,375,361; May 8.
Hillenbrand, William A., Franklin County, assignor to Hill-Rom Company, Inc., Batesville, Ind. Hospital bed. 2,379,080; June 26.
Hiller, Fritz E., Stratford, assignor to Manning, Maxwell & Moore, Inc., Bridgeport, Conn. Electrical measuring instrument. 2,382,315; Aug. 15.
Hiller, Gustave, Vancouver, Wash. Welding rod holder. 2,378,707; June 19.
Hillery, Arthur M., Leominster, Mass. Activated amusement device. 2,384,168; Sept. 4.
Hilliard Corporation, The: *See*—
Schuckers, John M., assignor.
Hilliard, John D., Glens Falls, N. Y. Circuit breaker. 2,381,592; Aug. 7.
Hilliard, Perley A., Newton Center, Mass. Machine for making decorative paper strips. 2,383,797; Aug. 28.
Hillier, Harold, assignor to G. & J. Weir, Limited, Glasgow, Scotland. Closed feed system for steam power plants. 2,371,443; Mar. 13.
Hillier, James, Collingswood, N. J., assignor to Radio Corporation of America. Magnetic lens. 2,370,627; Mar. 6.
Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron lens system. 2,369,782; Feb. 20.
Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron microanalyzer. 2,372,422; Mar. 27.
Hillier, James, Cranbury, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,391,780; Dec. 25.
Hilliker, William P., Chesterton, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricants. 2,386,553; Oct. 9.
Hillman, Charles A., Sea Girt, and D. L. Campbell, Short Hills, N. J., assignors to Standard Oil Development Company. Refining operation. 2,391,160; Dec. 18.
Hillman, Leon, New York, N. Y. Wind direction and velocity telemetering device. 2,375,227; May 8.
Hillman, Leon, New York, N. Y. Measuring wind velocity. 2,377,884; June 12.
Hill-Rom Company, Inc.: *See*—
Hillenbrand, William A., assignor.
Purkiss, Robert B., assignor.
Hillyer, John C.: *See*—
Schulze, W. A., and Hillyer.
Schulze, W. A., Hillyer and Drennan.
Hillyer, John C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of aliphatic ethers. 2,380,524; July 31.
Hillyer, John C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of 1-olefins to 2-olefins. 2,387,994; Oct. 30.
Hilpert, Meier G., Bethlehem, Pa. Tobacco pipe. 2,383,968; Sept. 4.
Hiltman, Laurence: *See*—
Horner, K., and Hiltman.
Hilton, Bailey: *See*—
Ruger, K. A., and Hilton, assignors.
Hilton, Charles G., judicial change of name: *See*—
Gregory, Charles.
Hilton, Charles G., Amarillo, Tex. Tack detecting device. 2,385,271; Sept. 18.
Hilton, Charles G., Amarillo, Tex. Boot and shoe holding tree. 2,385,272; Sept. 18.
Hilton, Charles G., Amarillo, Tex. Shank and patching cement press for footwear. 2,385,273; Sept. 18.
Hilton, Frederick, Welwyn Garden City, assignor to The British Rubber Producers' Research Association, London, England. Rubber derivatives. 2,379,354; June 26.
Hilton, George, Northbridge, Mass., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Harness for cross-weaving. 2,389,258; Nov. 20.
Hilton, Melvin J., Burbank, Calif. Game. 2,380,106; July 10.
Hilton, William, Seattle, Wash. Curtain bracket. 2,386,854; Oct. 16.
Hiltz, Percy L., Bayonne, N. J., assignor to The Lummus Company, New York, N. Y. Fluid proportioning apparatus. 2,376,917; May 29.
Himes, William H.: *See*—
Joyce, W. E., Himes, and Wilson.
Himmel Brothers Company, The: *See*—
Drummond, F. E., and Bench, assignors.
Himmell, Henry, New York, N. Y. Making sheet material. 2,368,024; Jan. 23.
Himsworth, Francis R.: *See*—
Erridge, J. J., Himsworth, and Lefebure.
Hinckley-Myers Division of Kent-Moore Organization, Inc.: *See*—
Graham, George M., assignor.
Hinde & Dauch Paper Company, The: *See*—
Kirby, John S., assignor.
Skell, Herbert C., assignor.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electronic brake control apparatus. 2,389,049; Nov. 13.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electronic brake control system. 2,389,050; Nov. 13.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electronic brake control apparatus. 2,389,051; Nov. 13.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake system. 2,389,052; Nov. 13.
Hindes, Joseph T., Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoes. 2,377,421; June 5.
Hindle, Alfred E., Wickenburg, Ariz. Device for securing tool heads on handles. 2,377,150; May 29.
Hindle, James A., Punjab, British India. Pryomagnetic motor. 2,391,313; Dec. 18.
Hindle, Walter H.: *See*—
Croft, C. M., and Hindle.
Hindley, Nathan C.: *See*—
Bergel, F., Hindley, Morrison, and Rinderknecht.
Bergel, F., Morrison, Hindley, and Moss.
Hinds, Sherwood: *See*—
Jauch, R. J., and Hinds.
Hinds, Sherwood, Columbia City, assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,370,466; Feb. 27.
Hinds, Sidney R., U. S. Navy. Sleeping bag. 2,368,220; Jan. 30.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic contact printer. 2,371,594; Mar. 13.
Hineline, Harris D., Mt. Vernon, N. Y. Altitude indicating system. 2,366,621; Jan. 2.
Hines, Claude M.: *See*—
Mitchell, R. A., and Hines.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Ship launching means. 2,367,580; Jan. 16.
Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control system. 2,369,968; Feb. 20.

Hines, George E., Jr., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of riboflavin. 2,367,644; Jan. 16.
Hines, George E., Jr., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of riboflavin. 2,387,023; Oct. 16.
Hines, John, South Norwalk, and L. Segal, assignors to Norwalk Lock Company, New York, N. Y. Laminated padlock. 2,379,437; July 3.
Hinkley-Meyers Division of Kent-Moore Organization Inc.: *See*—
Graham, George M., assignor.
Hinkley, Ray A., and J. L. Miller, assignors to Corning Glass Works, Corning, N. Y. Coating articles. 2,374,288; Apr. 24.
Hinnekens, Maurice G., Paterson, N. J. Calender machine. 2,373,027; Apr. 3.
Hinnekens, Maurice G., Paterson, N. J. Tentering machine. 2,375,990; May 15.
Hinton, Louis W., Rocky River, Ohio. Treatment of liquids. 2,369,232; Feb. 13.
Hinton, Ora A., Long Island City, N. Y., and L. De Stramp, Washington, D. C. Combination outer doors for dwellings. 2,381,666; Aug. 7.
Hintz, Harvey P.: *See*—
Schubert, A. E. Hintz, and Stettner.
Hintze, Rudolf, Berlin-Charlottenburg, and A. Engelmann, Berlin-Tegel, Germany; vested in the Alien Property Custodian. Refrigerating apparatus of the compression type. 2,366,404; Jan. 2.
Hipple, James L., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,383,386; Aug. 21.
Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Cathode. 2,370,538; Feb. 27.
Hirmann, Julius, Hillside, N. J., assignor to Radio Corporation of America. Filamentary cathode and manufacture. 2,380,525; July 31.
Hirsch, Albert W. H., Tampa, Fla. Automatic can marking machine. 2,375,362; May 8.
Hirsch, Eugen, New York, N. Y. Composition of matter and making. 2,372,577; Mar. 27.
Hirsch, Frederic, New York, N. Y., assignor to Hale Company. Corner-block fastening. 2,371,329; Mar. 13.
Hirsch, Peter: *See*—
Berger, J., and Hirsch.
Hirsch, Sabine, Minneapolis, Minn. Oxidation of paraffinic hydrocarbons. 2,391,236; Dec. 18.
Hirsch, Sabine, Minneapolis, Minn., assignor to Cargill, Incorporated, Wilmington, Del. Saponification process. 2,391,019; Dec. 18.
Hirschi, Alfred, Milwaukee, Wis. Mixing device. 2,388,972; Nov. 13.
Hirschman, Frederick A.: *See*—
Hirschman, Harry J. and F. A.
Hirschman, Harry J. and F. A., Rock Hill Village, Mo. Brake. 2,389,311; Nov. 20.
Hirschmann, Heinrich, assignor to Aktiengesellschaft vormals B. Siegfried, Zofingen, Aargau, Switzerland. Products for pharmaceutical use and improvements in preparing these products. 2,370,903; Mar. 6.
Hirsh, Philip R., Verona, assignor to Lock Joint Pipe Company, East Orange, N. J. Reinforced concrete pipe and making same. 2,375,921; May 15.
Hirshstein, Joseph, assignor of one-half to R. R. Newman and one-half to M. Hirshstein, Cleveland, Ohio. Check valve. 2,383,481; Aug. 28.
Hirshstein, Joseph, assignor of one-half to R. R. Newman, and one-half to M. Hirshstein, Cleveland, Ohio. Check valve. 2,383,482; Aug. 28.
Hirshstein, Mildred, et al.: *See*—
Hirshstein, Joseph, assignor.
Hirt, Rudolf: *See*—
Martin, H., Hirt, and Neracher.
Martin, H., Hirt, and Staub.
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.
Hisey, Willis O.: *See*—
Collings, W. R., Freeman, Roberts, and Hisey.
Hishon, Patrick D., W. D. Carter, and T. N. Ravn, Berkeley, and H. L. Borchers, assignors to Shell Development Company, San Francisco, Calif. Pressure vessel and support. 2,387,024; Oct. 16.
Hiss, John K.: *See*—
Logan, G. H., and Hiss.
Hitchcock, Rex B.: *See*—
Johnson, A. E. W., and Hitchcock.
Hitchcock, Rex B., Evanston, Ill., assignor to International Harvester Company. Baling press. 2,389,510; Nov. 20.
Hitchcock, Rex B., Evanston, and W. C. Rosenthal, Chicago, Ill., assignors to International Harvester Company. Implement construction. 2,376,539; May 22.
Hitchcock, Rex B., Evanston, and A. H. Keller, Moline, Ill., assignors to International Harvester Company. Harvester reel mounting. 2,387,071; Oct. 16.
Hitchcock, Richard C.: *See* —
Bush, H. F., and Hitchcock, assignors.
Hitchcock, Stanley Isaiah, assignor to Tropical Plantations Limited, London, England. Permanent magnet electric motors. 2,374,998; May 1.
Hitchen, Herbert, assignor to British Ropes Limited, Doncaster, England. Determining and recording the stresses in wire ropes, chains, etc. 2,390,304; Dec. 4.
Hite, Jess L., assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Collet shield. 2,376,594; May 22.
Hite, Jess L., assignor to Rohr Aircraft Corporation, Chula Vista, Calif. Collet jaw protector. 2,380,648; July 31.
Hitt, Raymond C., Seattle, Wash. Daylight floating smoke signal. 2,366,261; Jan. 2.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated, as trustees. Production of alumina. 2,376,696; May 22.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Fractionation of tall oil. 2,388,412; Nov. 6.
Hi-Way Service Corporation: *See*—
Drott, E. A., and Kerber, assignors.
Hjort, Henry, Bay Terrace, Staten Island, N. Y. Photographic enlarging machine. 2,369,897; Feb. 20.
Hlavaty, Rudolf F., Westchester, Ill. Self-aligning pulley. 2,372,378; Mar. 27.
Hlavaty, Rudolf F., Cicero, Ill. Material handling apparatus. 2,387,150; Oct. 16.
Hlavin, William S.: *See*—
Sigmund, F. J., and Hlavin.
Hoag, Edward H., Los Angeles, Calif. Flotation process. 2,367,122; Jan. 9.
Hoag, Edward H., Los Angeles, Calif. Flotation reagent. 2,371,292; Mar. 13.
Hoag, Edward H., Los Angeles, Calif. Flotation process. 2,378,552; June 19.
Hoag, Roderick W., assignor to H. M. Russell and M. H. Sidebotham, copartners, doing business as Russell & Sidebotham, Melrose, Mass. Container and closure. 2,373,397; Apr. 10.
Hoagland, Le Roy I., Seaside, Oreg. Plumb bob line reel. 2,384,914; Sept. 18.
Hoagland, Reginald W., Detroit, Mich., assignor, by mesne assignments, to Industrial Rayon Corporation. Cage for rayon or the like. 2,380,526; July 31.
Hoague-Sprague Corporation: *See*—
Knowlton, Cutler D., assignor.
Hoar, Roger S.: *See*—
Davidson, T. O., and Hoar.
Hoar, Roger S., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. 2,387,263; Oct. 23.
Hoard, Bert V., Portland, Oreg., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. High-speed relay. 2,379,905; July 10.
Hobart Manufacturing Company, The: *See*—
Meeker, David A., assignor.
Meeker, D. A., and Allen, assignors.
Wallace. De Loss D., assignor.
Hobbs, Frank, Seattle, Wash. Tenoning mechanism. 2,385,205; Sept. 18.
Hobbs Glass Limited: *See*—
Trevail, C., and Gladney, assignors.
Hobbs, Howard F., Leamington Spa, assignor of one-half to C. J. P. Ball, London, England. Power transmission gear. 2,381,593; Aug. 7.
Hobbs, Howard H., and W. A. Zaloudek, assignors to The Oakes Manufacturing Company, Tipton, Ind. Spray nozzle. 2,389,053; Nov. 13.
Hobbs, John W., assignor to John W. Hobbs Corporation, Springfield, Ill. Sealing device. 2,372,781; Apr. 3.
Hobbs, John W., Corporation: *See*—
Hobbs, John W., assignor.
Hobbs, Walter V., Columbus, Ohio, assignor to Ranco Incorporated. Pressure measuring device. 2,388,542; Nov. 6.
Hobby, Harold E.: *See*—
Dell, J. A., and Hobby.
Hobrock, Raymond H., Troy Township, Oakland County, assignor to Bundy Tubing Company, Detroit, Mich. Uniting metals. 2,373,116; Apr. 10.
Hobrock, Raymond H., Troy Township, Oakland County, assignor to Bundy Tubing Company, Detroit, Mich. Uniting metals. 2,373,117; Apr. 10.
Hobrock, Raymond H., Grosse Pointe, assignor to Bundy Tubing Company, Detroit, Mich. Tubing. 2,380,107; July 10.
Hobson, H. M., (Aircraft & Motor) Components Limited: *See*—
Greenland, Leonard S., assignor.
Stokes, Philip H., assignor.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas burner. 2,379,524; July 3.
Hobson, Stanley H., and H. H. Ring, assignors to Geo. D. Roper Corporation, Rockford, Ill. Range construction. 2,390,438; Dec. 4.
Hochstetler, Robert J., Westport, Conn., assignor to Amalgamated Ordnance & Ammunition Machinery Company, New York, N. Y. Ordnance. 2,382,225; Aug. 14.
Hochstetter, Frederick W., assignor to Hochstetter Research Laboratories, Inc., Pittsburgh, Pa. Composition of matter for flameproofing cellulosic media and making the same. 2,368,660; Feb. 6.
Hochstetter Research Laboratories, Inc.: *See*—
Hochstetter, Frederick W., assignor.
Hochwalt, Carroll A.: *See*—
Thomas, C. A., and Hochwalt.
Hochwalt, Carroll A., Montgomery County, Ohio, assignor to Monsanto Chemical Company. Treatment of textiles. 2,381,852; Aug. 7.

Hochwalt, Carroll A., Dayton, Ohio, assignor to Monsanto Chemical Company. Production of para-divinylbenzene. 2,390,368; Dec. 4.
Hockery, John C., et al.: *See*—
Landry, William J., assignor.
Hockwalt, Carroll A., Rahn Road, Ohio, assignor to Monsanto Chemical Company. Grease proof and water repellent paper. 2,380,043; July 10.
Hocott, Claude R., Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,387,513; Oct. 23.
Hodecker, Fred, Redmond, Oreg. Grader or sizer. 2,370,539; Feb. 27.
Hodgdon, John W. S., Santa Barbara, Calif., assignor of forty-four per cent to A. P. Brownrigg, New York, N. Y., and five per cent to F. E. Parker, Washington, D. C. Propelled aerodynamic body. 2,379,355; June 26.
Hodge, Edward B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Chloromethyl ethers of nitro alcohols. 2,370,540; Feb. 27.
Hodge, Howard M., Linthicum Heights, Md., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Glycerol fermentation process. 2,381,052; Aug. 7.
Hodge, John M., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Heat treating alloy steel. 2,378,300; June 12.
Hodge, John M., Munhall, and M. W. Lightner, Pittsburgh, Pa. Thermally hardening steel. 2,374,351; Apr. 24.
Hodges, Caleb E.: *See*—
Lieber, E., and Hodges.
Hodges, Frederick G., Jr., Washington, D. C. Apparatus for making mattresses, cushions, and the like. 2,382,226; Aug. 14.
Hodges, John S., Riverside, Calif. Combined generator and lighter for oil heaters. 2,375,471; May 8.
Hodges, John S., Riverside, assignor of forty-nine per cent to M. Lerner, Fontana, Calif. Smudge pot generator. 2,368,469; Jan. 30.
Hodges, Lillian F., administratrix: *See*—
Hodges, Paul.
Hodges, Paul, Crossett, Ark., assignor to Gulf States Paper Corporation. Making metal soaps. 2,381,822; Aug. 7.
Hodges, Paul, deceased, Crossett, Ark.; L. F. Hodges, administratrix. Treatment of paper mill effluent. 2,382,010; Aug. 14.
Hodges, Ralph R., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Punch press guard. 2,382,316; Aug. 14.
Hodgeson, Willie W., Baker, La., assignor to Standard Oil Development Company. Refining process. 2,391,367; Dec. 18.
Hodgins, Theodore S., and P. S. Hewett, Royal Oak, assignors to Reichhold Chemicals, Inc., Detroit, Mich. Alcohol modified urea-formaldehyde condensation products and producing same. 2,377,422; June 5.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Discharge lamp circuit. 2,374,352; Apr. 24.
Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,379,300; June 26.
Hodgkins, Charles H., Fairfield, and O. Hammerstrom, assignors to The Bryant Electric Company, Bridgeport, Conn. Fluorescent lamp starter. 2,367,645; Jan. 16.
Hodgson, Howard E., and C. W. Kuhn, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Drive for valves and the like. 2,391,418; Dec. 25.
Hodgson, Reginald H.: *See*—
White, R. H., Hodgson, Jones, and White.
Hodnette, John K.: *See*—
Putman, H. V., and Hodnette.
Hodshon, Alfred E., Bucks County, and H. H. Tucker, Montgomery County, assignors to John B. Stetson Company, Philadelphia, Pa. Preparing fur for felting. 2,374,936; May 1.
Hodson, Edmund, Tettenhall, Wolverhampton, and R. R. Soutter, Wolverhampton, England, assignors to Courtaulds Limited, London, England. Liquid measuring device. 2,376,772; May 22.
Hodson, George F., Oklahoma City, Okla., assignor to Wilson & Company, Inc., Chicago, Ill. Egg thawing. 2,373,682; Apr. 17.
Hodson, Milo G., South Bend, Ind., assignor to The Kawneer Company, Niles, Mich. Window construction. 2,375,553; May 8.
Hoe, R., & Co., Inc.: *See*—
Budden, E. L., and Wieking, assignors.
Huck, William F., assignor.
Zuckerman, Adolph M., assignor.
Hoeber, Harold, South Dartmouth, Mass. Picker stick support. 2,379,525; July 3.
Hoecker, Albert C., assignor to Gunhild Bergland Hoecker, St. Louis, Mo. Container and iron. 2,387,757; Oct. 30.
Hoecker, Gunhild B.: *See*—
Hoecker, Albert C., assignor.
Hoefner, Richard, Spokane, Wash. Lateral shift mower. 2,374,432; Apr. 24.
Hoeh, Joseph, Congress Park, assignor to Wittek Manufacturing Co., Chicago, Ill. Welding electrode. 2,387,905; Oct. 30.
Hoehn, Willard M., assignor to George A. Breon & Company, Incorporated, Kansas City, Mo. Compounds of the cyclopentanopolyhydrophenanthrene series and their preparation. 2,374,680; May 1.
Hoekstra, Johannes: *See*—
Van Lin, O. A. J., and Hoekstra.
Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Drill spindle driving mechanism. 2,382,719; Aug. 14.
Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Drill spindle driving mechanism. 2,384,744; Sept. 11.
Hoelscher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Drill spindle driving mechanism. 2,384,745; Sept. 11.
Hoenger, Guido, Geneva, Switzerland. Key embodying a signalling device. 2,373,893; Apr. 17.
Hoenie, Norman J.: *See*—
Landis, G. G., and Hoenie.
Hoerle, William F., Torrington, Conn. Cleaning tool. 2,379,962; July 10.
Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thread rolling apparatus. 2,367,398; Jan. 16.
Hoel, Seward C., Milnor, N. Dak. Mixing slab. 2,369,898; Feb. 20.
Hofbauer, Frank, Detroit, Mich. Rotary cutting tool. 2,389,909; Nov. 27.
Hoff, James L.: *See*—
Tama, M., and Hoff.
Hoff, John G., assignor to The Tappan Stove Company, Mansfield, Ohio. Filling device. 2,366,529; Jan. 2.
Hoff, Wilbur L., Hollywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reclamation process. 2,382,317; Aug. 14.
Hoffar, Henry S., assignor to International Multifeed Drills, Ltd., Vancouver, British Columbia, Canada. Variable pressure drill feed. 2,375,991; May 15.
Hoffecker, John W., Wilmington, Del., assignor to Bond Crown & Cork Co. Extruding device. 2,386,796; Oct. 16.
Hoffer, James F., Detroit, assignor, by mesne assignments, to Superdraulic Corporation, Dearborn, Mich. Fluid pump. 2,383,059; Aug. 21.
Hoffer, James F., Detroit, assignor, by mesne assignments, to Superdraulic Corporation, Dearborn, Mich. Fluid pump. 2,383,060; Aug. 21.
Hoffer, James F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Pump structure. 2,383,483; Aug. 28.
Hoffer, Max, Montclair, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Pyridine derivatives and manufacture of same. 2,389,054; Nov. 13.
Hoffman, Earl W., Ogden, Utah. Locomotive sand trap. 2,377,938; June 12.
Hoffman, Edward C., Montclair, N. J. Aiding in the creation of a line rendition in true perspective of an object to be depicted. 2,381,165; Aug. 7.
Hoffman, Frank E.: *See*—
Osborne, L. C., and Hoffman.
Hoffman, Frederick C., Meriden, Conn., assignor to General Motors Corporation, Detroit, Mich. Tumbling mechanism. 2,370,792; Mar. 6.
Hoffman, George E., Evanston, assignor to Crane Co., Chicago, Ill. Water closet. 2,379,400; June 26.
Hoffman, Harry, Denver, Colo. Pencil. 2,385,442; Sept. 25.
Hoffman, Harry E., Peoria, Ill. Score indicator. 2,387,847; Oct. 30.
Hoffman, Harry W., Anoka, and G. H. Helmer, assignors to Federal Cartridge Corporation, Minneapolis, Minn. Protection apparatus. 2,383,313; Aug. 21.
Hoffman, Herbert E., Brooklyn, N. Y. Foldable and suspendable rack for shoes or like articles. 2,389,910; Nov. 27.
Hoffman, Homer V., South Whitley, and V. R. Kaufman, Pierceton, assignors to K M & H Corporation, Fort Wayne, Ind. Indexing mechanism. 2,390,649; Dec. 11.
Hoffman, Howard H., Fort Thomas, Ky., assignor to The Louis G. Freeman Co., Cincinnati, Ohio. Decorating shoes. 2,369,899; Feb. 20.
Hoffman, James A., Newark, N. J., assignor to The Linde Air Products Company. Thermochemically treating ferrous metal bodies. 2,366,787; Jan. 9.
Hoffman-La Roche, Inc.: *See*—
Lee, J., and Berger, assignors.
Lee, J., Solmssen, and Berger, assignors.
Schnider, Otto, assignor.
Hoffman, Louis, Brooklyn, N. Y. Earring. 2,384,915; Sept. 18.
Hoffman, Louis, Brooklyn, and A. Dalmen, Jamaica, assignors to P. L. Andrews Corporation, Brooklyn, N. Y. Envelope machine. 2,381,955; Aug. 14.
Hoffman, Raymond A., Euclid, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing electrodeposits. 2,380,044; July 10.
Hoffman, Robert J., Schenectady, and F. E. Crever, Scotia, assignors to General Electric Company, New York, N. Y. Control system for aircraft turbosuperchargers. 2,376,142; May 15.
Hoffman, Robert M., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose acetate yarn and process. 2,387,791; Oct. 30.

Hoffman, Ross B., East Orange, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Vacuum tube mounting. 2,381,905; Aug. 14.
Hoffman, Samuel K.: *See*—
Lawler, J. A., and Hoffman.
Hoffman Specialty Co.: *See*—
Jehle, F., and Davies, assignors.
Parton, J. A., and Pace, assignors.
Hoffman, Valentine E., et al.: *See*—
Barna, Joseph W., assignor.
Hoffman, William A., and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sheet material. 2,378,479; June 19.
Hoffmann, Alfred A., Rochester, N. Y. Card assembly. 2,379,637; July 3.
Hoffmann, Edward L., Chicago, Ill. Open window guard. 2,387,025; Oct. 16.
Hoffmann, Georg, Nurnberg, Germany; vested in the Alien Property Custodian. Tire valve. 2,371,891; Mar. 20.
Hoffmann, Josef, Paterson, N. J. Preparing concentrated toxoids and product produced thereby. 2,385,443; Sept. 25.
Hoffmann, Karl, and H. Von Meyenburg, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Basic ethers and making same. 2,387,447; Oct. 23.
Hoffmann-La Roche Inc.: *See*—
Furter, Max F., assignor.
Hoffer, Max, assignor.
Karrer, Walter, assignor.
Lee, J., and Heineman, assignors.
Lee, John, assignor.
Reichstein, Tadeus, assignor.
Ruggli, P., and Businger, assignors.
Shnider, Otto, assignor.
Warnat, Kurt, assignor.
Wenner, Wilhelm, assignor.
Winterstein, Alfred, assignor.
Hoffmann, Samuel W.: *See*—
Stavely, F. W., Edgar, and Hoffmann.
Hoffmann, Victor A., Harvey, Ill. Stack hung flush tank. 2,386,608; Oct. 9.
Hofft, M. A.: *See*—
Puckett, Nick T., assignor.
Hofgren, Harry A., Chicago, Ill. Airplane. 2,388,973; Nov. 13.
Hofmann, Alfred, Inc.: *See*—
Straussberger, Hans J., assignor.
Hofmann, Klaus, Summit, N. J., assignor to Ciba Pharmaceutical Products, Incorporated. 2-substituted furan-3,4-dicarboxylic acids and their corresponding saturated analogues. 2,382,418; Aug. 14.
Hofmeister, Joseph A., Los Angeles, Calif. Mucking and loading machine. 2,377,495; June 5.
Hogan, Claude A., Cedartown, Ga. Rayon or nylon tire cord inspecting reel. 2,376,773; May 22.
Hogan, John H., C. J. Kettler, F. H. Judkins, and T. W. Hall, Pittsfield, Mass., assignors to General Electric Company. Inspection and layout apparatus. 2,372,494; Mar. 27.
Hogan, John V. L., Forest Hills, N. Y., assignor to Radio Corporation of America. Registering radio listening habits. 2,368,761; Feb. 6.
Hogan, John V. L., Forest Hills, assignor to Faximile, Inc., New York, N. Y. Facsimile apparatus. 2,379,438; July 3.
Hogan, John V. L., Forest Hills, assignor to Faximile, Inc., New York, N. Y. Continuous facsimile scanner. 2,379,906; July 10.
Hogan, Patrick J., New Haven, Conn. Retaining device. 2,368,544; Jan. 30.
Hogenmiller, Francis J., assignor to National Foam System, Inc., Philadelphia, Pa. Apparatus for producing fire extinguishing foam. 2,386,464; Oct. 9.
Hogg, George F., Chicago, Ill., assignor to Hercules Powder Company, Wilmington, Del. Printing ink compositions. 2,367,581; Jan. 16.
Hogg, William J.: *See*—
Drissner, A. E., and Hogg.
Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Trigger type collapsing tap. 2,381,448; Aug. 7.
Hoggatt, Gilbert A., Winnetka, assignor to Certain-Teed Products Corporation, Chicago, Ill. Apparatus for forming sheets from plastic material. 2,380,527; July 31.
Hoggatt, Gilbert A., Snyder, N. Y., assignor to Certain-teed Products Corporation, New York, N. Y. Preparing plaster casts. 2,388,543; Nov. 6.
Hogge, Earl, et al.: *See*—
Flook, Cyril M., assignor.
Hohl, George I., East Orange, N. J. Carton closing mechanism. 2,380,758; July 31.
Hohl, John: *See*—
Barnby, H. A., and Hohl.
Hohl, John, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Article conveying apparatus. 2,379,713; July 3.
Hohl, John, Toledo, Ohio, assignor to Owens-Illinois Glass Company. Vacuum testing apparatus. 2,383,936; Sept. 4.
Hohl, John, and O. Bjering, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Jar capping apparatus. 2,386,797; Oct. 16.
Hohman, Robert F., assignor to Merrick Scale Mfg. Company, Passaic, N. J. Apparatus for feeding material. 2,367,775; Jan. 23.
Hohn, Hans: *See*—
Kuss, E., and Hohn.
Hohne, August F.: *See*—
Haferl, R. C., and Hohne.
Hohwart, Ernest F., Detroit, assignor to N. A. Woodworth Company, Ferndale, Mich. Clamping fixture. 2,370,351; Feb. 27.
Hoitt, Robert W.: *See*—
Gautier, T. R., and Hoitt.
Hojnowski, Jakob, Nekoosa, Wis. Bomb rack. 2,371,994; Mar. 20.
Hokanson, Evert C., Los Angeles, Calif., assignor to Whiting Corporation, Harvey, Ill. Propeller dolly. 2,375,363; May 8.
Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Coin device. 2,376,357; May 22.
Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Multiple coin device. 2,386,741; Oct. 9.
Hoke, Roland K., Baltimore, Md. Shaft protector. 2,385,000; Sept. 18.
Holabird Furniture Company: *See*—
Holabird, W. S., and Betterton, assignors.
Holabird, William S., Hamilton, Ind., and T. B. Betterton, Chattanooga, Tenn., assignors to Holabird Furniture Company, Chicago, Ill. Rack. 2,386,396; Oct. 9.
Holbrook, Brunner E., Stanfield, N. C. Seed harvester. 2,366,622; Jan. 2.
Holbrook, George E., Wilmington, Del., and F. H. Kaufert, St. Paul, Minn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,374,999; May 1.
Holbrook, Max A., Coldwater, Mich. Coasting sled. 2,390,256; Dec. 4.
Holbrook, Robert L., administrator: *See*—
Hicks, James A.
Holcomb, Carl W., Camp Davis, N. C. Motor-operated shaver. 2,388,324; Nov. 6.
Holcomb, Charles L., Wenatchee, Wash. Ammunition magazine for firearms. 2,375,106; May 1.
Holcomb, Charles S., and R. Overson, Salt Lake City, Utah, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Primer cup racking device. 2,387,661; Oct. 23.
Hold Stitch Fabric Machine Company: *See*—
Minton, Clarence W., assignor.
Holdeman, Graydon E.: *See*—
Nelson, C. E., and Holdeman.
Holden, Artemas F., Northford, Conn. Heat treatment for wire drawing. 2,370,959; Mar. 6.
Holden, Artemas F., Northford, Conn. Bath for heating soldering irons. 2,370,960; Mar. 6.
Holden, Edward A., Jamaica, assignor to Engineer Company, New York, N. Y. Ignition system for pulverized coal burners. 2,382,483; Aug. 14.
Holden, Thomas W. W., assignor to The Magnavox Company, Ltd., Fort Wayne, Ind. Communication system. 2,387,906; Oct. 30.
Holden, William B., U. S. Navy. Pressed metal handwheel. 2,367,679; Jan. 23.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time measuring system. 2,370,727; Mar. 6.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,372,782; Apr. 3.
Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric maneuvering board. 2,382,994; Aug. 21.
Holder, Clinton H., Cranford, N. J., assignor to Standard Oil Development Company. Sustaining the activity of reforming catalysts. 2,386,050; Oct. 2.
Holder, Clinton H., Cranford, N. J., assignor to Standard Oil Development Company. Preparing diolefins from ethylene, steam and calcium carbide. 2,388,916; Nov. 13.
Holding, Harry, Hamden, Conn. Lifesaving suit. 2,379,963; July 10.
Holding Intercito: *See*—
Klopfer, Karl, assignor.
Holdman, Robert E., Portland, Oreg. Level indicator and recorder for molten glass. 2,380,436; July 31.
Hole, Edward S., London, E. C. 4, England. Adhesive sheet material. 2,379,964; July 10.
Holecek, Alois, Cicero, Ill. Fluorescent desk lamp. 2,382,878; Aug. 14.
Holeproof Hosiery Co.: *See*—
Moyer, John D., assignor.
Holgate Brothers Company: *See*—
Greene, Joseph, assignor.
Townsley, Fredie, assignor.
Holicer, John R., Shreveport, La. Liquefied petroleum gas system. 2,373,683; Apr. 17.
Holicer, John R., Shreveport, La. Method and apparatus for treating and generating liquefied petroleum gas. 2,377,342; June 5.
Holicer, John R., Shreveport, La. Rotary gauge for liquefied petroleum gas tanks. 2,377,343; June 5.
Holicer, John R., Shreveport, La. Method and apparatus for storing, atomizing, and generating liquefied petroleum gases. 2,386,554; Oct. 9.

Holister, Arthur T., Los Angeles, Calif. Apparatus for making coil springs. 2,369,827; Feb. 20.
Holland Company: *See*—
Holland, Cyrus J., assignor.
Holland, C. J., and Edahl, assignors.
Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Vehicle spring. 2,387,264; Oct. 23.
Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Spring for vehicles. 2,387,265; Oct. 23.
Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Vehicle suspension. 2,387,266; Oct. 23.
Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Manufacturing volute springs. 2,390,937; Dec. 11.
Holland, Cyrus J., and Knute Edahl, Chicago, Ill., assignors to Holland Company. High-speed railway car truck. 2,387,072; Oct. 16.
Holland Furnace Company: *See*—
Weyenberg, Henry, assignor.
Holland, James J., Philadelphia, Pa. Safety snap catch. 2,377,939; June 12.
Holland, Robert F.: *See*—
Dahlberg, Arthur C., and Holland.
Hollander, Charles S., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of α-d-galacturonic acid. 2,370,961; Mar. 6.
Hollander, Klaus P., Montreal, Quebec, Canada. Sewing machine. 2,367,865; Jan. 23.
Hollatz, Arthur C., and R. G. Thomas, Bloomington, Ill., assignors, by mesne assignments, to Eureka Vacuum Cleaner Company, Detroit, Mich. Control for refrigerating systems. 2,390,650; Dec. 11.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Brake drum. 2,366,262; Jan. 2.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Stem assembly. 2,367,776; Jan. 23.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Wheel rim flange and fairing assembly. 2,380,649; July 31.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Wheel brake. 2,381,166; Aug. 7.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Spacer. 2,386,313; Oct. 9.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Right-left nozzle fitting. 2,389,977; Nov. 27.
Holley, Earl, et al.: *See*—
Ensinger, R., and Foote.
Gardner, Dale, assignor.
Holley, George M., Jr., assignor.
Kittler, Milton J., assignor.
Kittler, M., and Ensinger, assignors.
Oliver, Wilbur C., assignor.
Olson, Elmer, assignor.
Olson, E., Beard, and Udale, assignors.
Olson, E., and Udale.
Schorn, Carl F., assignor.
Thompson, R. K., and Dixon, assignors.
Udale, Stanley M.
Udale, Stanley M., assignor.
Holley, George M., et al.: *See*—
Ensinger, R., and Foote, assignors.
Gardner, Dale, assignor.
Holley, George M., Jr., assignor.
Kittler, Milton J., assignor.
Kittler, M., and Ensinger, assignors.
Schorn, Carl F., assignor.
Thompson, R. K., and Dixon, assignors.
Oliver, Wilbur C., assignor.
Olson, Elmer, assignor.
Olson, E., Beard, and Udale, assignors.
Olson, E., and Udale, assignors.
Udale, Stanley M., assignor.
Holley, George M., Jr., Grosse Pointe Woods, Mich., assignor to G. M. and E. Holley. Load and altitude control. 2,367,499; Jan. 16.
Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Carrier controlled radio receiver. 2,371,392; Mar. 13.
Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Audio transmission network. 2,379,714; July 3.
Hollingsworth, "R." Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Signaling system. 2,382,567; Aug. 14.
Hollingsworth, "R" Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Spaced wave keying. 2,383,126; Aug. 21.
Hollins, Abraham and J., Brooklyn, N. Y. Fuse assembly. 2,375,472; May 8.
Hollins, Jesse: *See*—
Hollins, Abraham and J.
Hollmann, Hubert, River Forest, Ill., and W. G. Van Voorhis, Columbus, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Excavating machine. 2,368,360; Jan. 30.
Hollos, Zsigmond, New York, N. Y. Mechanical drive mechanism for vehicles. 2,384,092; Sept. 4.
Holloway, Daniel E., assignor to North American Aviation, Inc., Inglewood, Calif. Recoil operated ammunition feed for machine guns. 2,384,746; Sept. 11.
Holloway, John H., Green Bay, Wis. Governor mechanism. 2,373,684; Apr. 17.
Hollowell, Everett L., and M. T. Burk, Des Moines, Iowa. Brake construction. 2,375,415; May 8.
Hollstein, Oswald C.: *See*—
Faust, E. H., and Hollstein, assignors.
Hollstein, Paul, deceased, Carlstadt, by Rutherford Trust Co., administrator, Rutherford, N. J., assignor to J. M. Lehmann Co., Inc., New York, N. Y. Apparatus for treating chocolate and similar materials. 2,383,387; Aug. 21.
Holly Sugar Corporation: *See*—
Sevey, Julius B., assignor.
Holm, Carl B., Roslags-Nasby, Sweden. Regulating nozzle for vaporizing burners. 2,380,759; July 31.
Holm, Sven, Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Reel type bake oven. 2,385,919; Oct. 2.
Holm, Sven, and J. Vickland, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Cooler for oil in journal reservoirs. 2,372,896; Apr. 3.
Holman, Aaron, et al.: *See*—
Wolfers, Philip, assignor.
Holman, Arthur J., Brighton, N. Y. Lens blank and lap mounting for precision lens generating mechanisms. 2,377,344; June 5.
Holman, Arthur J., Brighton, N. Y. Spherical surface generating device. 2,381,449; Aug. 7.
Holman, Horace, Surajpur, India. Device or means for supporting the ropes or cables of aerial ropeways or the like. 2,378,081; June 12.
Holmberg, Gustav D., and L. W. Foster, Pittsfield, Mass., assignors to General Electric Company. Electric induction apparatus. 2,372,950; Apr. 3.
Holmblad, Carl A., Flushing, N. Y., and W. Englund, Atlanta, Ga. Mailing envelope and insert. 2,383,652; Aug. 28.
Holmen, Reynold E., Lansdowne, Pa., and R. A. McGlone, Flint, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic transfer paper. 2,384,093; Sept. 4.
Holmes, August, Cranford, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Adhesivity of asphalts. 2,375,653; May 8.
Holmes, August, Cranford, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Making cellular asphaltic insulation material. 2,387,514; Oct. 23.
Holmes, August, Cranford, N. J., and J. C. Roediger, Brooklyn, N. Y., assignors by mesne assignments, to Standard Catalytic Company. Building blocks. 2,386,163; Oct. 2.
Holmes, Charles D., and Company, Limited: *See*—
Pilkington, Francis S., assignor.
Holmes, Donald C., Blawnox, and L. V. Guild, assignors to Burrell Technical Supply Company, Pittsburgh, Pa. Volumeter. 2,371,995; Mar. 20.
Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tension for narrow ware shuttles. 2,391,314; Dec. 18.
Holmes, George E., Dearborn, Mich. Fuse plug. 2,383,484; Aug. 28.
Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Two stage control instrument. 2,374,097; Apr. 17.
Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,387,792; Oct. 30.
Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,387,793; Oct. 30.
Holmes, Gordon C., Los Angeles, Calif. Treating magnesian ores and minerals. 2,381,053; Aug. 7.
Holmes, Harleigh R., Jr.: *See*—
Holmes, H. R., H. R., Jr., and L. E.
Holmes, Harleigh R., H. R., Jr., and L. E., Littleton, Colo. Snow plow. 2,376,250; May 15.
Holmes, Harrison H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Propellant smokeless powder. 2,385,135; Sept. 18.
Holmes, Henry H.: *See*—
Wildt, E., Holmes, and Widdowson.
Holmes, Henry H., Leicester, England., assignor to Wildt and Company Limited. Circular knitting machine. 2,391,625; Dec. 25.
Holmes, Henry H., and J. C. H. Hurd, Leicester, England, assignor to Wildt and Company Limited. Circular knitting machine. 2,386,314; Oct. 9.
Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Wheel aligner. 2,378,631; June 19.
Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Testing the dynamic balance of wheels. 2,380,108; July 10.
Holmes, Henry H., and J. C. H. Hurd, assignors to Wildt and Company, Limited, Leicester, England. Knitting machine of the links and links type. 2,366,405; Jan. 2.
Holmes, Henry H., and A. H. Widdowson, assignors to Wildt and Company Limited, Leicester, England. Yarn feeding and changing mechanism for knitting machines. 2,375,473; May 8.
Holmes, Henry H., and A. H. Widdowson, assignors to Wildt and Company Limited, Leicester, England. Knitted fabric. 2,375,474; May 8.
Holmes, Henry H., and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Circular independent latch needle knitting machine. 2,375,475; May 8.

Holmes, Henry H., and A. H. Widdowson, assignors to Wildt and Company Limited, Leicester, England. Knitting machine. 2,385,081; Sept. 18.
Holmes, Lee E.: *See*—
Holmes, H. R., H. R., Jr., and L. E.
Holmes, Louis D., Blue Island, assignor to Whiting Corporation, Harvey, Ill. Vehicle washing apparatus. 2,381,054; Aug. 7.
Holmes, Louis W., assignor of one-third to A. M. Johnson and one-third to A. A. Rogers, Minneapolis, Minn. Nail and applying the same. 2,373,311; Apr. 10.
Holmes, Morris P., Claremont, N. H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Two-speed drive mechanism. 2,390,589; Dec. 11.
Holmes, Morris P., Claremont, N. H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Hydraulic device. 2,390,590; Dec. 11.
Holmes, Ray D.: *See*—
Poffenberger, N., and Holmes.
Holmes, Robert L., Roselle, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Producing high molecular weight iso-olefin polymers. 2,384,916; Sept. 18.
Holmes, Verne L., Los Angeles, Calif. Overhead door. 2,388,654; Nov. 6.
Holmes, Walter C.: *See*—
Burrows, L. A., Holmes, and Spaeth.
Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for assembling uppers and their lasts. 2,375,788; May 15.
Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,385,414; Sept. 25.
Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Work support. 2,386,397; Oct. 9.
Holmgren, Gustave: *See*—
Tator, K., and Gustave.
Holmgren, Viking R., Lynn, Mass., assignor to General Electric Company. Collector ring assembly. 2,371,996; Mar. 20.
Holmstrom, John G., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Remote control for variable speed transmissions. 2,390,711; Dec. 11.
Holo-Krome Screw Corporation, The: *See*—
Purtell, William A., assignor.
Holophane Company, Inc.: *See*—
Franck, Kurt, assignor.
Harris, Samuel J., assignor.
Rolph, Thomas W., assignor.
Holroyd, Howard B., Davenport, Iowa. Link. 2,388,690; Nov. 13.
Holsinger, Chester: *See*—
Reilly, F. E., and Holsinger.
Holslag, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Alternating current regulating means. 2,387,327; Oct. 23.
Holst, Johan W.: *See*—
Asplun, A. J. A., and Holst.
Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignors to Radio Corporation of America. Frequency modulated carrier wave receiver. 2,367,352; Jan. 16.
Holst, Paul F. G., and L. R. Kirkwood, Oaklyn, N. J., assignor to Radio Corporation of America. Frequency modulation receiver intensity indicator. 2,388,544; Nov. 6.
Holst, Torsten G., Ornskoldsvik, Sweden. Producing chlorine dioxide. 2,373,830; Apr. 17.
Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Electrical conducting composition. 2,372,829; Apr. 3.
Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Plasticizers and plasticized compositions. 2,387,662; Oct. 23.
Holste, Merrill R., St. Paul, Minn. Apparatus for equalizing the light intensity of a field of view including the sun and adjacent space. 2,379,153; June 26.
Holstein, Frederick W., Westfield, N. J. Combination sliding and rolling light screen. 2,384,377; Sept. 4.
Holstein, Frederick W., Westfield, N. J., assignor to The Rails Company, New Haven, Conn. Adjustable resilient rail fastening. 2,386,315; Oct. 9.
Holstein, John H., Baltimore, Md., assignor to Goodman Manufacturing Company, Chicago, Ill. Self-loading device for shaker conveyers. Re. 22,703; Dec. 11.
Holston, Samuel C., assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Drawer slide and latch construction. 2,372,951; Apr. 3.
Holt, Edman F.: *See*—
Carlson, C. F., Holt, and Huddleston.
Holt, Grover J., St. Paul, Minn., assignor to Minerals Beneficiation, Incorporated, Joplin, Mo. Concentrating minerals. 2,368,416; Jan. 30.
Holt, Guild R.: *See*—
Pond, W. B., and Holt.
Holt, Pliny G., U. S. Navy. Gyroscopic instrument and indicator therefor. 2,368,221; Jan. 30.
Holtan, Helen M.: *See*—
Foulke, T. E., and Holtan.
Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating and ventilating system. 2,372,897; Apr. 3.
Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heater. 2,374,203; Apr. 24.
Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Engine operated burner. 2,381,594; Aug. 7.
Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Control system. 2,384,468; Sept. 11.
Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heater. 2,384,836; Sept. 18.
Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Heating system. 2,386,115; Oct. 2.
Holtman, Charles W., Dayton, Ohio. Spring clevis. 2,371,171; Mar. 13.
Holton, Edward C., Los Angeles, assignor to North American Aviation, Inc., Inglewood, Calif. Machine gun case and link ejection chute. 2,384,678; Sept. 11.
Holton, Gerald J., New York, N. Y. Determining the characteristics of piezoelectric crystals. 2,374,543; Apr. 24.
Holtz, Louis M., Chicago, Ill. Work support for lathes. 2,381,956; Aug. 14.
Holtz, Louis M., Chicago, Ill. Grinding device. 2,384,917; Sept. 18.
Holtz, Roymand F., Canonsburg, assignor to Edward W. Voss, Dormont, Pa. Roller leveler. 2,391,419; Dec. 25.
Holtzclaw, Grover B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Atomizer for liquid under pressure. 2,384,679; Sept. 11.
Holtvoight, John H., assignor to The Dolly Toy Company, Tipp City, Ohio. Basket. 2,374,153; Apr. 17.
Holub, James C.: *See*—
Baker, D. B., Holub, and Nickla.
Holwick, Earl E., Laguna Beach, Calif. Container and closure cap. 2,368,836; Feb. 6.
Holz, Frank, Cleveland, Ohio. Blast furnace process. 2,373,244; Apr. 10.
Holzworth, Lauriene T., et al.: *See*—
Du Bois, Joseph E., assignor.
Homan, Walter, and R. S. Hull, assignors to The National Cash Register Company, Dayton, Ohio. Measuring device. 2,383,550; Aug. 28.
Homberger, Robert E.: *See*—
Whitaker, R., Myers, and Homberger.
Homer, Joseph, Los Angeles, Calif. Ray sight and film holder for X-ray machines. 2,382,484; Aug. 14.
Homer Laughlin China Company, The: *See*—
Emerson, Walter H., assignor.
Homeyer, August H.: *See*—
Wallingford, V. H., and Homeyer.
Hommel, Ernest M., et al., executors: *See*—
Hommel, Oscar.
Hommel, O., Company, The: *See*—
Hommel, Oscar, assignor.
Hommel, Oscar, deceased, by E. M. Hommel, E. H. Goldstein, and The Union Trust Company of Pittsburgh, executors, assignors to The O. Hommel Company, Pittsburgh, Pa. Enamelware making. 2,385,573; Sept. 25.
Homrighausen, William F., Monterey Park, Calif. Seat attachment for crutches. 2,380,437; July 31.
Homrighous, John H., Oak Park, Ill. Method and system for controlling radio and television receivers at a distance. 2,369,783; Feb. 20.
Homrighous, John H., Oak Park, Ill. Remote control system. 2,382,055; Aug. 14.
Honan-Crane Corporation: *See*—
Harms, H. H., and Harlan, assignors.
Honegger, John A., assignor to Kidde Manufacturing Co., Inc., Bloomfield, N. J. Toolholding attachment for lathes. 2,378,923; June 26.
Honegger, John A., Bloomfield, and A. W. Keeshan, Belleville, assignors to Kidde Manufacturing Co., Inc., Bloomfield, N. J. Inflation unit for inflatable flotation device. 2,378,924; June 26.
Honerkamp, Friedrich: *See*—
Kurth, F. J., and Honerkamp.
Kurth, F. J., Honerkamp, Poeten, and Kunen.
Honerkamp, Friedrich, F. J. Kurth, and M. Serre, New York, N. Y., assignors to Anemostat Corporation of America. Air outlet device. 2,372,830; Apr. 3.
Hönger, Guido, Geneva, assignor to Mefina S. A., Binningen, Switzerland. Spring arrangement for time fuses. 2,384,252; Sept. 4.
Honhart, Jack C., Detroit, Mich. Brush holder and combination tool. 2,368,988; Feb. 6.
Honig, Morris, Bronx, N. Y. Extensible fire ladder and elevator. 2,376,875; May 29.
Honorary Advisory Council for Scientific and Industrial Research, The: *See*—
Griffith, Thomas R., assignor.
Reid, Wilfred T., assignor.
Honyoust, John, Alexandria, Va. Drilling jig scale and clamp. 2,367,582; Jan. 16.
Honza, Charles R., Bethel, Kans. Coin display holder. 2,389,312; Nov. 20.
Hoo, Earling, Excelsior, Minn. Field artillery aiming stake. 2,385,278; Sept. 18.
Hoobler, Ernest S., assignor of one-fourth to M. Hoobler, one-eighth to R. J. Oyler, one-eighth to G. E. Oyler, one-eighth to W. E. Oyler, and one-eighth to R. Oyler, Canton, Ohio. Tractor and trailer construction. 2,373,398; Apr. 10.

Hoobler, Marie, et al.: *See*—
Hoobler, Ernest S., assignor.
Hood, Andrew, Llanwrda, Wales. Pile casing. 2,391,828; Dec. 25.
Hood, Arthur J., Reno, Nev. Surgical cast cutter. 2,375,364; May 8.
Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shank reducing machine. 2,373,758; Apr. 17.
Hood, Dayton I., Spokane, Wash. Differential steering mechanism. 2,378,082; June 12.
Hood, E. Elliot, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Variable-speed gearing for washing machines. 2,387,216; Oct. 16.
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Eye-protecting glasses. 2,378,769; June 19.
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Glass transparent to far ultraviolet. 2,382,056; Aug. 14.
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Making glass. 2,386,685; Oct. 9.
Hood, James D.: *See*—
Rubidge, D. W., Manning, Hood, and Greene.
Hood, James D., Endwell, assignor to International Business Machines Corporation, New York, N. Y. Record sensing means. 2,377,783; June 5.
Hood, John M., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Permanent finish for textiles. 2,371,892; Mar. 20.
Hood, John M., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Textile finishing composition. 2,376,595; May 22.
Hood, Robert L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Photoelectric recording system. 2,376,311; May 15.
Hood, Robert L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Photoelectric controlling or recording system. 2,379,233; June 26.
Hooe, Hunter E.: *See*—
Mehan, T. O., and Hooe, assignors.
Hoof, Addison C., deceased, Hinsdale, Ill.; F. A. Hoof, H. C. Kepner, and W. Eckert, executors. Hydraulic valve. 2,371,293; Mar. 13.
Hoof, Frances, et al., executors: *See*—
Hoof, Addison C.
Hoof Products Company: *See*—
Seymour, Clayton B., assignor.
Trich, Henry C., assignor.
Hook, Charles H., Pittsburgh, Pa. Reversible tap holder. 2,375,554; May 8.
Hook, Christopher, Limuru, Kenya Colony, British East Africa. Craft of the hydroplane type. 2,387,907; Oct. 30.
Hook, Edwin O.: *See*—
Dean, R. T., and Hook.
Sperry, R. L., and Hook.
Hooker, Charles L., Jr., and J. W. Staley, Brewster, Fla., said Staley assignor to said Hooker, Jr. Apparatus for separating solids from liquids. 2,378,632; June 19.
Hooker Electrochemical Company: *See*—
Friedel, Howard H., assignor.
Maude, Aylmer H., assignor.
Means, Dwight R., assignor.
Osborne, Sidney G., assignor.
Sconce, James S., assignor.
Sconce, J. S., Rucker, Whitmire, and Schoonover, assignors.
Stuart, Kenneth E., assignor.
Hooker, George W., L. R. Drake, and S. C. Stowe, assignors to The Dow Chemical Company, Midland, Mich. Sulphur dioxide recovery method. 2,368,545; Jan. 30.
Hooker, George W., and S. C. Stowe, assignors to The Dow Chemical Company, Midland, Mich. Decomposition of diolefin sulphones. 2,373,563; Apr. 10.
Hooker, George W., and F. A. Landee, assignors to The Dow Chemical Company, Midland, Mich. Separation of sulphur dioxide and low-boiling hydrocarbons from mixtures thereof. 2,384,378; Sept. 4.
Hooker, George W., S. C. Stowe, and L. R. Drake, assignors to The Dow Chemical Company, Midland, Mich. Recovering sulphur dioxide. 2,385,704; Sept. 25.
Hooper, F. X., Company, Inc.: *See*—
Fitchett, Thomas S., assignor.
Hooper, Harry W.: *See*—
Clark, A. A., and Hooper.
Hooper, Ray L., Brevard, N. C., assignor to Ecusta Paper Corporation. Drying apparatus. 2,385,809; Oct. 2.
Hooper, William E., & Sons Company: *See*—
Santos, John R. L., assignor.
Hoopes, Penrose R., Philadelphia, Pa. Pump. 2,383,194; Aug. 21.
Hoosier Cardinal Corporation: *See*—
Bauer, Charles A., assignor.
Hooton, Claude E., et al.: *See*—
Clyburn, Andrew D., assignor.
Hooven, Frederick J., Dayton, assignor to The Brush Development Company, Cleveland, Ohio. Timing device. 2,370,166; Feb. 27.
Hoover Company, The: *See*—
Beach, Justice H., assignor.
Becker, Bernard C., assignor.
Berg, Quentin, assignor.
Brace, George A., assignor.
Coons, Curtis C., assignor.
Gerber, Dale C., assignor.
Gerber, D. C., and Osborn, assignors.
Gross, Alfred G., assignor.
Kitto, William H., assignor.
Nelson, Rudolph S., assignor.
Osborn, Ralph C., assignor.
Puchy, Clarence G., assignor.
Schug, Howard L., assignor.
Snyder, Eugene L., assignor.
Stahl, Maurice D., assignor.
Stoner, Thomas A., assignor.
Sutton, Otis B., assignor.
Taylor, Charles H., assignor.
White, Harry B., assignor.
Hoover, Daniel S.: *See*—
Gifford, C. E., and Hoover.
Hoover, Dillon B., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating and direct-current generator. 2,379,154; June 26.
Hoover, Fred W.: *See*—
Burke, W. J., and Hoover.
Hoover, Fred W., and G. T. Vaala, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous compositions. 2,371,997; Mar. 20.
Hoover, Fred W., and G. T. Vaala, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethyleneurea derivatives. 2,373,136; Apr. 10.
Hoover, Herbert, Jr., Sierra Madre, assignor, by mesne assignments, to United Geophysical Company, Pasadena, Calif. Apparatus for recording seismic waves. 2,374,204; Apr. 24.
Hoover, Vaino A., Los Angeles, Calif., and T. Barish, University Park, assignors to Engineering and Research Corporation, Riverdale, Md. Indicator for variable pitch propellers. 2,370,167; Feb. 27.
Hoover, Walter S., Montreal, Quebec, Canada. Hydraulic transmitter receiver propeller control. 2,379,301; June 26.
Hoover, Walter S., Montreal, Quebec, Canada. Variable pitch propeller. 2,379,302; June 26.
Hope, John A.: *See*—
Lear, E. B., and Hope.
Hope-Johnson, Bertie, Jr., Saskatoon, Saskatchewan, Canada. Collapsible trailer house. 2,380,045; July 10.
Hopkins, Alfred: *See*—
Drum, H. S., and Hopkins.
Hopkins, Arthur C., assignor to Artomatic Machinery Corp., Tupper Lake, N. Y. Road sanding apparatus. 2,368,470; Jan. 30.
Hopkins, David W., Philadelphia, Pa. Solenoid trip butterfly valve. 2,382,720; Aug. 14.
Hopkins, David W., Philadelphia, Pa. Three-way valve. 2,383,861; Aug. 28.
Hopkins, David W., Philadelphia, Pa. Declutching devices for power-driven butterfly valves. 2,390,882; Dec. 11.
Hopkins, George H.: *See*—
Russell, K. F., and Hopkins.
Hopkins, Harris F., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distant talking loud-speaker telephone system. 2,385,279; Sept. 18.
Hopkins, Harry J., assignor to Acme Visible Records, Inc., Chicago, Ill. Visible index or record strip. 2,385,082; Sept. 18.
Hopkins, James H., and E. H. Kendall, Alliance, Ohio. Automatic ingot tongs. 2,382,227; Aug. 14.
Hopkins, Joe T., Washington, Ga. Tractor plow construction. 2,369,353; Feb. 13.
Hopkins, Nevil M., New York, N. Y.; R. B. Hopkins, executor of said N. M. Hopkins, deceased. Filling containers with explosive mixtures. 2,385,810; Oct. 2.
Hopkins, Nevil M., deceased, New York, N. Y.; R. B. Hopkins, executor. Protecting ships at sea. 2,386,950; Oct. 16.
Hopkins, Raymonde B., executor: *See*—
Hopkins, Nevil M.
Hopkins, Robert C., Alliance, Ohio. Two stage rotary mill. 2,377,496; June 5.
Hopkins, Robert C., Alliance, Ohio. Air controlled fuel burner. 2,377,497; June 5.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal bodies. 2,367,123; Jan. 9.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for producing metal. 2,369,233; Feb. 13.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Metal fusing apparatus and method. 2,370,467; Feb. 27.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for the manufacture of alloy bodies. 2,371,294; Mar. 13.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Tipping projectiles. 2,373,245; Apr. 10.

Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for the continuous production of metal. 2,375,107; May 1.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Conditioning metal ingot molds. 2,375,108; May 1.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for casting metal bodies. 2,380,109; July 10.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for producing cast metal bodies. 2,380,238; July 10.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal bodies. 2,385,136; Sept. 18.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Method and apparatus for producing metal bodies. 2,385,206; Sept. 18.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Apparatus for producing metal bodies. 2,385,989; Oct. 2.
Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Casting metal. 2,388,974; Nov. 13.
Hopkins, Robert L., Norfolk, Va. Snap fastener. 2,371,295; Mar. 13.
Hopkinson, Oliver W., Jr., Newark, and P. B. Tully, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photoflash lamp. 2,367,583; Jan. 16.
Hopmans, Arthur H., Paulding, Ohio. Hydraulic transmission system. 2,385,625; Sept. 25.
Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Multiple chain ladder. 2,370,728; Mar. 6.
Hoppe, Arnold F., New Castle, Ind. Governor. 2,372,274; Mar. 27.
Hoppe, Charles W., Buffalo, N. Y. Collet chuck. 2,370,729; Mar. 6.
Hopper, Floyd, Paterson, N. J. Stripping machine. 2,390,369; Dec. 4.
Hopper, James B., Lodi, Calif. Injector. 2,386,465; Oct. 9.
Hopper, Oscar B., Long Beach, Calif. Arc welding device. 2,390,149; Dec. 4.
Hopping, John E., Dayton, assignor to Central National Bank of Cleveland, Cleveland, Ohio, trustee. Ticket printing and issuing machine. 2,370,730; Mar. 6.
Hopwood, John A., Great Neck, N. Y., assignor to Hopwood Retinning Co., Inc., Jersey City, N. J. Venting milk cans. 2,371,296; Mar. 13.
Hopwood Retinning Co., Inc.: *See*—
Hopwood, John A., assignor.
Horak, Gustave J., Penn Run, assignor to Aluminum Company of America, Pittsburgh, Pa. Apparatus for spinning tubular articles. 2,388,545; Nov. 6.
Horan, Frank T., Scotia, N. Y., assignor to General Electric Company. Alarm system. 2,368,471; Jan. 30.
Horan, John J., Buffalo, N. Y. Fuse. 2,388,691; Nov. 13.
Horan, Timothy F., New Haven, Conn. Hammer mechanism for firearms. 2,391,237; Dec. 18.
Horback, William, Newark, and W. D. Paist, Orange, N. J., assignors to Celanese Corporation of America. Treatment of plastic materials. 2,366,788; Jan. 9.
Horback, William, Newark, N. J., assignor to Celanese Corporation of America. Materials impermeable to ultra-violet light. 2,386,855; Oct. 16.
Horback, William, Newark, N. J., assignor to Celanese Corporation of America. Polystyrene sheet material. 2,391,092; Dec. 18.
Horeczy, Joseph T., Baytown, Tex., assignor to Standard Oil Development Company. Purification of motor fuel components. 2,377,081; May 29.
Horham, Charles M., Lincoln, Nebr. Electrical testing equipment. 2,366,789; Jan. 9.
Horlacher, Albert F., Palatine, assignor to C. P. Clare & Co., Chicago, Ill. Rotor for electric motors. 2,387,073; Oct. 16.
Horlacher, Albert F., Palatine, Ill., assignor to Automatic Electric Laboratories, Inc. Push button. 2,389,259; Nov. 20.
Hörler, Elsa, Barcelona, Spain. Textile article and the manufacture thereof. 2,366,856; Jan. 9.
Horman, Alfred E., New York, N. Y. Woodworking machine carriage. 2,383,195; Aug. 21.
Horman, John H., Tuckahoe, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Switch control mechanism. 2,385,626; Sept. 25.
Horman, John H., Tuckahoe, assignor, by mesne assignments, to Smaller War Plants Corporation, New York, N. Y. Relay. 2,385,858; Oct. 2.
Horman, John H., Tuckahoe, assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Snap switch. 2,391,238; Dec. 18.
Hormel, Geo. A., & Co.: *See*—
Hormel, Jay C., assignor.
Hormel, Jay C., assignor to Geo. A. Hormel & Co., Austin, Minn. Preservation of biological materials and products resulting therefrom. 2,388,917; Nov. 13.
Hormes, William T., Catonsville, Md. Unit container. 2,367,124; Jan. 9.
Horn, Charles L.: *See*—
Reed, Cortes F., assignor.
Horn, Josef: *See*—
Schade, A., and Horn.
Horn, Lee V., West Los Angeles, assignor to Filtrol Corporation, Los Angeles, Calif. Extruding acid-activated montmorillonite clay. 2,391,050; Dec. 18.
Horn, Merl E.: *See*—
May, J. W., Stuellein, and Horn.
Horn, William D.: *See*—
Stanton, Frank N., assignor.
Hornaday, James R.: *See*—
Kuhn, A. J., Alexander, and Hornaday.
Hornbarger, Earl H.: *See*—
Schaelchlin, W., and Hornbarger.
Hornberger, Eugene A., North Berger, N. J. Toy. 2,373,957; Apr. 17.
Hornbostel, Lloyd: *See*—
Berry, E. E., and Hornbostel.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Winder. 2,367,777; Jan. 23.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Papermaking machine. 2,367,778; Jan. 23.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Couch roll arrangement for paper machines. 2,369,674; Feb. 20.
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Stock distributor. 2,371,692; Mar. 20.
Hornbostel, Lloyd, and E. E. Berry, assignors to Beloit Iron Works, Beloit, Wis. Stock inlet. 2,381,286; Aug. 7.
Hornbrook, Lester H.: *See*—
Cullman, O., Hornbrook, and Wienke.
Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Car unloader nozzle. 2,378,553; June 19.
Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Conveying apparatus. 2,380,310; July 10.
Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Conveying apparatus. 2,380,311; July 10.
Horne, Robert: *See*—
Broudy, Albert M., assignor.
Horner, Kenneth, Chicago, and L. Hiltman, Palos Heights, assignors to S. Karpen & Bros., Chicago, Ill. Seat. 2,372,495; Mar. 27.
Horni, Paul P., Newark, N. J. Determining the effective range of magnetic detectors. 2,378,014; June 12.
Hornickel, Herman C., Fair Haven, N. J. Microphone circuit. 2,380,438; July 31.
Horning, Raymond: *See*—
Wilcox, I. L., and Horning.
Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Packing device. 2,372,423; Mar. 27.
Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Sealing device. 2,383,862; Aug. 28.
Hornstein, Morton, assignor to Breslee Mfg. Company, New York, N. Y. Threading device. 2,373,958; Apr. 17.
Hornstein, Morton, assignor to Breslee Mfg. Company, New York, N. Y. Apparatus for producing V-reenforcements. 2,382,057; Aug. 14.
Horowitz, Henry L., et al.: *See*—
Horowitz, Nathan, assignor.
Horowitz, Nathan, Brooklyn, assignor of twenty-five per cent to H. L. Horowitz, Bronx, and twenty-five per cent to P. Fleischer, New York, and twenty-five per cent to A. Smolovit, Brooklyn, N. Y. Animal trap. 2,387,328; Oct. 23.
Horowitz, Oskar, Brooklyn, N. Y., assignor to Shanda Laboratories Incorporated, West New York, N. J. Soldering fluxes. 2,379,234; June 26.
Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Navigational training aid. 2,373,959; Apr. 17.
Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Blinker signaling device. 2,377,345; June 5.
Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Blinker signaling device. 2,377,346; June 5.
Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Sextant. 2,378,770; June 19.
Horr, John V., North Tarrytown, assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Display device. 2,389,511; Nov. 20.
Horrigan, Joseph R., Houston, Tex. Pipe bending equipment. 2,371,393; Mar. 13.
Horsley, Lee H.: *See*—
Nutting, H. S., and Horsley.
Horsrud, Ole, Fox River Grove, assignor to Sears, Roebuck and Co., Chicago, Ill. Gun mechanism. 2,376,358; May 22.
Horswell, Alfred H.: *See*—
Bahney, L. W., and Horswell.
Hortex Manufacturing Company: *See*—
Horwitz, Louis, assignor.
Horth, Bertrand D., assignor to Aber Engineering Works Incorporated, Waterford, Wis. Side milling cutter. 2,381,540; Aug. 7.
Horton, Aaron W., Thorofare, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Secondary chlorides of neohexane. 2,385,444; Sept. 25.

Horton, Erwin C.: *See*—
Oishei, J. R., and Horton.
Rappl, A., and Horton.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Electropneumatic window control. 2,366,790; Jan. 9.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Gauge. 2,382,633; Aug. 14.
Horton, Frank J., Detroit, Mich. Sea scooter. 2,379,526; July 3.
Horton, Frank J., Detroit, assignor to No-Sag Spring Company, Macomb County, Mich. Spring bending machine. 2,389,055; Nov. 13.
Horton, John W.: *See*—
Heyer, B. F. W., Dalzell, and Horton.
Horton, Roger F., Hemptstead, N. Y. Dual ignition system. 2,367,023; Jan. 9.
Horvath, Anthony G.: *See*—
Eickmeyer, E. E., Horvath, and Zumbrink.
Horvath, Joseph, Jr.: *See*—
Wade, E. J., and Horvath.
Horvitz, Leo, Houston, Tex. Gas analysis. 2,376,145; May 15.
Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical prospecting. 2,370,793; Mar. 6.
Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical well-logging. 2,374,937; May 1.
Horwedel, Charles R., Lakewood, and W. J. Resch, East Cleveland, Ohio, assignors to The American Steel and Wire Company. Electrolytically polishing stainless steel. 2,381,167; Aug. 7.
Horwitz, Louis, assignor to Hortex Manufacturing Company, El Paso, Tex. Pocket construction. 2,391,239; Dec. 18.
Hosack, Gerald C., Pensacola, Fla. Automatic sculling oar lock. 2,382,721; Aug. 14.
Hosbein, Louis H., Glencoe, Ill., and L. Ellman, Pittsburgh, Pa., assignors to M. H. Detrick Company, Chicago, Ill. Furnace arch or roof construction. 2,387,663; Oct. 23.
Hose, Robert H., Mountainside, and E. W. Niles, Bloomfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Card and picture frame. 2,387,584; Oct. 23.
Hosiery Patents Inc.: *See*—
Weisbecker, Frank G., assignor.
Hosking, Oakley W., Monroe, N. Y. Valve stem. 2,390,026; Nov. 27.
Hosking, Richard T., Wilmette, assignor to H. R. Hough Company, Chicago, Ill. Lock-nut. 2,370,352; Feb. 27.
Hoskins, Edmund E., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,374,205; Apr. 24.
Hoskins, Edmund E., and R. M. Moore, assignors, by mesne assignments, to United Geophysical Company, Pasadena, Calif. Seismic prospecting system. 2,378,925; June 26.
Hoskins, Edmund E., and R. V. Langmuir, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometer. 2,380,439; July 31.
Hossenlopp, Arthur M.: *See*—
Crowley, H. L., and Hossenlopp.
Hosten, Edward R.: *See*—
Kelliher, Charles, assignor.
Hotchkin, James R., Short Hills, assignor to The Palnut Company, Irvington, N. J. Self-locking nut. 2,381,352; Aug. 7.
Hotchkiss, Charles N.: *See*—
Carlson, G. H., and Hotchkiss.
Hotchkiss, Clifford, assignor to Perfex Corporation, Milwaukee, Wis. Stoker control apparatus. 2,385,811; Oct. 2.
Hotchkiss, E. H., Company, The: *See*—
Paul, John A., assignor.
Hotchner, Fred, Los Angeles, Calif. Illuminated motion display. 2,371,172; Mar. 13.
Hotchner, Fred, Los Angeles, Calif. Luminous display with effect of animation. 2,389,911; Nov. 27.
Hotham, John W.: *See*—
Jones, C. E. P., and Hotham.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,371,173; Mar. 13.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Making fiber container parts. 2,380,440; July 31.
Hotine, William, Bayville, N. Y., assignor to Federal Telephone & Radio Corporation. High frequency circuit structure. 2,379,439; July 3.
Hotstream Heater Company, The: *See*—
Crew, Morris W., and Short, assignors.
Morrow, Clarence H., assignor.
Houdaille-Hershey Corporation: *See*—
Chisholm, Harry L., Jr., assignor.
Fergueson, Arthur P., assignor.
Fergueson, A. P., and Schatzman, assignors.
Hufferd, George H., assignor.
Jandus, Herbert S., assignor.
Johnson, Bernard C., assignor.
Magrum, G. M., and O'Connor.
O'Connor, Bernard E., assignor.
Schatzman, G. W., and Fergueson, assignors.
Sebok, Joseph B., assignor.
Houdry, Eugene J., Ardmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Operation of catalytic plants. 2,387,267; Oct. 23.
Houdry, Eugene J., Ardmore, and R. W. Blue, Swarthmore, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Separation of hydrocarbon gases. 2,390,536; Dec. 11.
Houdry Process Corporation: *See*—
Bates, John R., assignor.
Daugherty, James P., Jr., assignor.
Harrison, James W., assignor.
Houdry, Eugene J., assignor.
Houdry, E. J., and Blue, assignors.
Lassiat, Raymond C., assignor.
McNamara, Francis J., assignor.
Newton, Roger H., assignor.
Shabaker, Hubert A., assignor.
Thayer, C. H., and Lassiat, assignors.
Hough, Earl B., Detroit, Mich. Heating, drying, and air conditioning apparatus. 2,389,433; Nov. 20.
Hough, H. R., Company: *See*—
Hosking, Richard T., assignor.
Hough, William H. D.: *See*—
Kennedy, R., Hough, and Bodner.
Houghton, Arthur H., Elgin, Ill. Corn harvester. 2,375,846; May 15.
Houghton, Leslie W.: *See*—
Chatterjea, P. K., and Houghton.
Houghton, Leslie W., London, England. Constant current electrical circuits. 2,369,675; Feb. 20.
Houghton, Lyle S., Goshen, and J. J. Rothwell, Elkhart, assignors to Penn Electric Switch Co., Goshen, Ind. Thermostat. 2,371,998; Mar. 20.
Hougland, Albert C. and G. S., New York, N. Y. Butter working machine. 2,379,356; June 26.
Hougland, Glen S.: *See*—
Hougland, Albert C. and G. S.
Houk, Addison R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Dowel construction. 2,384,918; Sept. 18.
Houk, Alva L.: *See*—
Bock, L. H., and Houk.
Houlton, Harold G., assignor to The Girdler Corporation, Louisville, Ky. Mixing apparatus. 2,367,279; Jan. 16.
Houmère, Walter, New York, N. Y. Fabric Venetian blind. 2,370,794; Mar. 6.
Houpt, Alfred G.: *See*—
Christmann, L. J., and Houpt.
Lento, L. L., Jr., and Houpt.
Houpt, Alfred G., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of powdered soap. 2,366,334; Jan. 2.
Houpt, Alfred G., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of fatty acids. 2,378,359; June 12.
Hourvitz, Avinoam, Alexandria, Egypt. Heater for liquids. 2,373,759; Apr. 17.
House, Bryan E.: *See*—
Goepfrich, R. A., and House.
House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,381,746; Aug. 7.
House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic braking system. 2,389,978; Nov. 27.
House, Fred F., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Differential pressure responsive device. 2,367,215; Jan. 16.
House, Harrison D., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket assembly. 2,391,781; Dec. 25.
House, Le Roy B., Herrin, Ill. Dental flask. 2,378,633; June 19.
House of Vision, Belgard-Spero, Inc., The: *See*—
Kerry, John R., assignor.
Vine, Kemper C., assignor.
House, William C., assignor to Lyon-Raymond Corporation, Greene, N. Y. Lifting truck. 2,388,692; Nov. 13.
Housekeeper, Earl J.: *See*—
Schellin, J. C., Housekeeper, and Brubaker.
Housinger, Glenn E., Harlingen, Tex. Device for locking hunting knives in their scabbards. 2,391,574; Dec. 25.
Houston Corporation, The: *See*—
Houston, Herbert W., assignor.
Houston, Herbert W., Sherman Oaks, assignor to The Houston Corporation, Los Angeles, Calif. Method of and apparatus for processing photographic film. 2,386,856; Oct. 16.
Houston, Herbert W., Sherman Oaks, assignor to The Houston Corporation, Los Angeles, Calif. Positive reversal process. 2,386,857; Oct. 16.
Houston, Herbert W., Sherman Oaks, assignor to The Houston Corporation, Los Angeles, Calif. Positive reversal process. 2,386,858; Oct. 16.
Houston, John V., Hartsdale, N. Y., and B. R. Habel, La Grange, Ill., assignors to American Brake Shoe Company. Railway crossing. Re. 22,663; Aug. 14.
Houston, John W., Tama, Iowa. Wire winding and unwinding reel. 2,391,240; Dec. 18.
Houston Laboratories: *See*—
Sloan, James P., assignor.
Houston Oil Field Material Company, Inc.: *See*—
Justice, G. E., Thurston, and Young, assignors.
Houston Oxygen Company: *See*—
Loewenstern, Walter, assignor.
Houston, Wesley M.: *See*—
Schilling, K. F., Cole, Duke, and Houston.

Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cyanoethyl cellulose. 2,375,847; May 15.
Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl ethers of beta guanylethanols. 2,378,015; June 12.
Houtz, Ray C., Snyder, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning process for artificial filaments. 2,388,325; Nov. 6.
Hovey, C. Earl, trustee: *See*—
Andalikiewicz, B. A., Carlson, and Hagstrom, assignors.
Denison, Noel M., assignor.
Wahl, John C., assignor.
Hovis, Harry Le R., Manor Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Oxidation removing process. 2,383,434; Aug. 21.
Hovorka, James, Elizabeth, Ill. Brake hitch and release. 2,385,516; Sept. 25.
Howald, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Adhesives. 2,380,239; July 10.
Howald, Arthur M., and L. S. Meyer, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Fabrication of fibrous bodies. 2,375,365; May 8.
Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Gas turbine nozzle. 2,378,771; June 19.
Howard, Burton W., deceased, late of Aguanga, Calif., by Ruby L. Howard, administratrix, Aguanga, Calif. Tire tool. 2,391,626; Dec. 25.
Howard, Charles H., Isabel, S. Dak. Milking appliance. 2,377,234; May 29.
Howard, Clarence L., Grand Junction, Colo. Car journal lubricating device. 2,385,280; Sept. 18.
Howard, Edward W., Chicago, Ill. Fish scaling knife. 2,372,831; Apr. 3.
Howard Engineering & Manufacturing Company: *See*—
Howard, George M., assignor.
Howard, Frank C., Dearborn, Mich. Wabbler drive mechanism. 2,387,908; Oct. 30.
Howard, George G., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hose coupling. 2,377,010; May 29.
Howard, George M., assignor to Howard Engineering & Manufacturing Company, Cincinnati, Ohio. Carrier belt. 2,382,634; Aug. 14.
Howard, Giles P. E., Amersham, England. Centrifugal pump. 2,366,964; Jan. 9.
Howard, Ira: *See*—
Howard, Ira F., assignor.
Howard, Ira F., assignor to Ira Howard, Marco, Fla. Amusement device. 2,368,989; Feb. 6.
Howard, James Y.: *See*—
Rees, F. X., and Howard.
Howard, Jasper S., assignor of one-half to T. D. Bishop, Sacramento, Calif. Camera. 2,375,555; May 8.
Howard, Jesse C., Jr.: *See*—
Daley, H. G., and Howard.
Howard, Richard, Los Angeles, Calif. Ultraventilated oven dripping pan. 2,374,749; May 1.
Howard, Ruby L., administratrix: *See*—
Howard, Burton W.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Weighing machine. 2,373,831; Apr. 17.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,377,687; June 5.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation Limited, Quincy, Mass. Packaging machine. 2,387,585; Oct. 23.
Howard, Styles T., Jeffersonville, Ind. Fire unit. 2,367,216; Jan. 16.
Howard, Styles T., Jeffersonville, Ind. Venturi gas line coupling. 2,374,206; Apr. 24.
Howard, Styles T., Jeffersonville, Ind. Folding support. 2,380,441; July 31.
Howard, Styles T., Jeffersonville, Ind. Collapsible heat directing closure. 2,381,906; Aug. 14.
Howard, Styles T., Jeffersonville, Ind. Portable range. 2,391,460; Dec. 25.
Howard, William C., Jr., Richmond, Va., assignor of twenty-two per cent to T. E. Kennedy, twenty-two per cent to K. B. Lutz, eleven per cent to T. C. Utterback, and eleven per cent to C. A. Smith. Mechanical compensator. 2,372,206; Mar. 27.
Howard, William T., Chicago, Ill. Equipment for vehicle bodies. 2,382,011; Aug. 14.
Howarth, William: *See*—
Cantrell, H., Jackson, and Howarth.
Howe, A. S., Jr.: *See*—
Giannini, Gabriel M., assignor.
Howe, Albert E.: *See*—
Tour, S., and Howe.
Howe, Andrew F., University City, Mo. Centrifugal separator or clarifier. 2,370,353; Feb. 27.
Howe, Earl E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Tool for forming joints. 2,381,747; Aug. 7.
Howe, Earl E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Forming joints. 2,381,748; Aug. 7.
Howe, Harold, Rowayton, Conn. Folding support structure. 2,373,760; Apr. 17.
Howe, Harold, Rowayton, Conn. Folding high chair. 2,383,127; Aug. 21.
Howe, John D., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,386,951; Oct. 16.
Howe, Raymand H.: *See*—
Johnston, W. W., and Howe.
Howe Scale Company, The: *See*—
Eash, John R., assignor.
Thorsson, Matthew, assignor.
Howe, Wilfred C., Shrewsbury, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Selector mechanism for multistack weft replenishing looms. 2,379,487; July 3.
Howe, Wilfred C., Chicago, Ill., assignor, by mesne assignments, to Maguire Industries, Incorporated, New York, N. Y. Magnetic shielding for transformers and the like. 2,388,848; Nov. 13.
Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Aerial weapon. 2,370,036; Feb. 20.
Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Strip feed guide. 2,374,486; Apr. 21.
Howell, Albert S., Culver, Ind., assignor to The Bell & Howell Company, Chicago, Ill. Centrifugally controlled governor device. 2,382,228; Aug. 14.
Howell, Arthur S., assignor to Stromberg-Carlson Company, Rochester, N. Y. Transducer. 2,391,627; Dec. 25.
Howell, Edward T., assignor to E. I. du Pont de Nemours Company, Wilmington, Del. Manufacture of dibenzanthrone compounds. 2,388,743; Nov. 13.
Howell, Frederic B., Wilkes-Barre, Pa. Automotive gear-shift indicator. 2,375,654; May 8.
Howell, Lynn G., Houston, Tex., assignor to Standard Oil Development Company. Radioactivity well-logging. 2,391,093; Dec. 18.
Howerton, David R., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Permanent magnet steel. 2,383,969; Sept. 4.
Howerton, Samuel A., Edwardsville, Ill. Device for pulling steel pins. 2,376,251; May 15.
Howie, Kenneth, and C. C. Krieble, assignors to Wildman Mfg. Co., Norristown, Pa. Knitting machine. 2,379,527; July 3.
Howland, Levi S., Long Beach, Calif. Surf board. 2,389,729; Nov. 27.
Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Plasticizing neoprene. 2,382,792; Aug. 14.
Howland, Louis H., Waterbury, Conn., assignor to United States Rubber Company, New York, N. Y. Production of sulphene amides. 2,382,793; Aug. 14.
Howland, Louis H., Cheshire, and P. T. Paul, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Antioxidants. 2,377,423; June 5.
Howlett, John W., assignor of one-half to Wellworthy Piston Rings Limited, London, England. Duplex machine for simultaneously machining two members. 2,369,461; Feb. 13.
Howlett, John W., assignor to Wellworthy Piston Rings Limited, London, England. Machine for cutting tubular members into rings. 2,380,178; July 10.
Howlett, John W., assignor to Wellworthy Piston Rings Limited, London, England. Machine for cutting tubular members into rings. 2,380,695; July 31.
Hoy, M. C., et al.: *See*—
Wood, Oliver Wendell, assignor.
Hoy, Thomas J., Newark, N. J. Tire construction. 2,375,992; May 15.
Hoy, Thomas J., Newark, N. J. Resilient valve head. 2,381,541; Aug. 7.
Hoy, Walter, Pine Lawn, Mo. Shoe construction. 2,388,744; Nov. 13.
Hoyles, Louis: *See*—
Imhof, A. G., and Hoyles.
Hoyt, Howard E., Stamford, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Purification of glycerin. 2,381,055; Aug. 7.
Hoyt, Lester F., East Aurora, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Detergent composition. 2,374,544; Apr. 24.
Hoyt, Roy C., Duluth, Minn. Vehicle brake. 2,385,812; Oct. 2.
Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 2,381,450; Aug. 7.
Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 2,381,451; Aug. 7.
Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 2,381,452; Aug. 7.
Hribar, Victor F., Chicago, Ill., assignor to American Lumber & Treating Co. Cleaning creosote. 2,367,024; Jan. 9.
Hroch, James C., Jr., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,387,074; Oct. 16.
Hruby, Joseph: *See*—
Macdonald, H. G., and Hruby.

Hruska, Howard E., South Bend, and A. B. Sibert, Rising Sun, Ind. Hydraulic transmission. 2,387,398; Oct. 23.
Hubacker, Earl F., Highland Park, Mich., assignor to Borg-Warner Corporation. Refrigerator cabinet construction. 2,368,837; Feb. 6.
Hubbard, Arthur F.: *See*—
Kohn, Koby, assignor.
Hubbard, Bela, Mount Vernon, N. Y., assignor to Standard Oil Development Company. Geochemical prospecting. 2,377,082; May 29.
Hubbard & Company: *See*—
Johnson, Kenneth L., assignor.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,375,109; May 1.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,379,715; July 3.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,386,609; Oct. 9.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitter. 2,388,358; Nov. 6.
Hubbard, Howard W., Salt Lake City, Utah, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Soldering jig. 2,383,314; Aug. 21.
Hubbard, Karl H., H. L. Mason, and J. L. Leach, assignors to Taylor Instrument Companies, Rochester, N. Y. Condition responsive measuring instrument. 2,375,300; May 8.
Hubbard, Norman, Akron, Ohio, assignor to The Babcock & Wilcox Company, Rockleith, N. J. Weld rod slitter. 2,379,907; July 10.
Hubbard, William J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Process and apparatus for producing laminated safety glass. 2,378,016; June 12.
Hubbell, Clarence Z., Johnson City, N. Y. Filing cabinet. 2,370,664; Mar. 6.
Hubbell, Leslie W., Cheshire, assingor to The Ball & Socket Manufacturing Co., West Cheshire, Conn. Clip type earring. 2,377,688; June 5.
Hubbell, William F., Biloxi, Miss. Circle cutting tool. 2,390,938; Dec. 11.
Hubbuch, Leo P., Springfield, and P. Robinson, Llanerch, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Film-forming compositions. 2,370,962; Mar. 6.
Hubby, Velton V.: *See*—
Dolezal, E., Weber, and Hubby.
Huber, Charlotte, New York, N. Y. Ornamental container. 2,391,420; Dec. 25.
Huber, Edgar: *See*—
Klein, C. F., and Huber.
Huber, Ernest G., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Internal-combustion engine. 2,371,297; Mar. 13.
Huber, J. M., Corporation: *See*—
Carlton, Clinton A., assignor.
Williams, Ira, assignor.
Huber, Jakob, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Mechanical switching device. 2,375,416; May 8.
Huber, Louis J.: *See*—
Evans, L. H., and Huber.
Huber, Louis J., Minneapolis, Minn., assignor to General Mills, Inc. Dehydrated soup. 2,391,829; Dec. 25.
Huber Manufacturing Co., The: *See*—
Gifford, C. E., and Hoover, assignors.
Huber Manufacturing Company, The: *See*—
Thompson, Jesse S., assignor.
Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Plunger drive for pumps. 2,377,554; June 5.
Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Thrust bearing. 2,380,179; July 10.
Huber, Matthew W., Watertown, N. Y., assignor to The New York Air Brake Company. Pump. 2,385,990; Oct. 2.
Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. Pump. 2,381,056; Aug. 7.
Huber, Matthew W., Chicago, Ill., assignor, by mesne assignments, to The New York Air Brake Company. Reversible engine. 2,391,575; Dec. 25.
Huber, Mike C., Houston, Tex. Connecting explosives. 2,377,151; May 29.
Huber, Walter, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Welded turbine rotor. 2,369,051; Feb. 6.
Huber, Walter, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Turbine blade attachment by welding. 2,384,919; Sept. 18.
Huberman, Sidney H.: *See*—
La Chapelle, Fred N., assignor.
Hubert, Clarence A., and H. A. Land, Chicago, Ill., assignors to International Harvester Company. Gear shifter lock. 2,368,139; Jan. 30.
Hubert, Ernest E., assignor to I. F. Lauks, Inc., Seattle, Wash. Apparatus for testing the fire-resistance of materials. 2,391,161; Dec. 18.
Hubert, Horace G., Carlsbad, N. Mex. Water conditioner. 2,371,444; Mar. 13.
Hubkey, Charles G., Denver, Colo. Shape burner. 2,378,017; June 12.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature responsive control mechanism. 2,367,500; Jan. 16.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Temperature responsive control mechanism. 2,370,404; Feb. 27.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Heating element and production. 2,387,995; Oct. 30.
Huck, Alfred J., assignor to Knapp-Monarch Company, St. Louis, Mo. Timer for toasters and the like. 2,389,434; Nov. 20.
Huck, George E., Southgate, and F. O. Luenberger, assignors to U. S. Electrical Motors, Inc., Los Angeles, Calif. Fluid pressure mechanism. 2,384,169; Sept. 4.
Huck, Louis C., Grosse Pointe Shores, assignor, by mesne assignments, to Huxon Holding Corporation, Detroit, Mich. Metal plate dimpling machine. 2,390,537; Dec. 11.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,366,335; Jan. 2.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,378,926; June 26.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Ink distributing mechanism. 2,383,970; Sept. 4.
Huddleston, Robert F.: *See*—
Carlson, C. F., Holt, and Huddleston.
Hudgins, Houlder, Greenwich, Conn., assignor to Sloane Blabon, Trenton, N. J. Decorative material and producing the same. 2,390,712; Dec. 11.
Hudson, Edwin B., P. H. Long, and J. W. Pick, assignors to The American Rolling Mill Company, Middletown, Ohio. Contour rolling means. 2,374,599; Apr. 24.
Hudson Engineering Corporation: *See*—
ten Brink, K. C., and Salley, assignors.
Hudson, James L., Detroit, Mich. Fluid valve control. 2,389,667; Nov. 27.
Hudson, Lena M.: *See*—
Rayton, W. B., and Hudson.
Hudson Motor Car Company: *See*—
Greig, James W., assignor.
Hudson, Moulton L., assignor to American Enka Corporation, Enka, N. C. Apparatus for use in winding threads and the like. 2,377,784; June 5.
Hudson, Moulton L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Waste cutter. 2,384,031; Sept. 4.
Hudson Sharp Machine Company: *See*—
Campbell, Samuel J., assignor.
Hudson, Thomas B., and J. O. Turner, assignors to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,371,298; Mar. 13.
Hudson, Walter E., East Setauket, N. Y. Electric furnace water heater. 2,377,785; June 5.
Hudson, William H., Detroit, Mich., assignor to Detroit Research Laboratories Inc., New York, N. Y. Conveyer. 2,371,624; Mar. 20.
Huebner, Denis W., and J. E. Fearey, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Interpolymers of isobutylene with vinyl methacrylate and their preparation. 2,391,162; Dec. 18.
Huebner, Herbert A., et al.: *See*—
Young, Edgar C., assignor.
Huebsch Manufacturing Company: *See*—
Watson, Thomas S., assignor.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. One-way snap fastener. Re. 22,625; Apr. 3.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. One-way snap fastener. Re. 22,626; Apr. 3.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 2,367,217; Jan. 16.
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Cowl fastener. 2,372,496;
Huenerfauth, George E., and F. P. Green, assignors to Crown Rheostat & Supply Co., Chicago, Ill. Tumbling barrel liner. 2,384,170; Sept. 4.
Huenergardt, William H., Chicago, Ill. Ammunition rounds indicator. 2,377,011; May 29.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,373,960; Apr. 17.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Sound modifier. 2,380,845; July 31.
Hueter, Richard, Dessau-Rosslau, Anhalt, Germany; vested in the Alien Property Custodian. Preparing ketenes. 2,383,863; Aug. 28.
Huey, Harold I., Saylesville, and W. W. Russell, East Providence, assignors to Sayles Finishing Plants, Inc., Saylesville, R. I. Finishing cellulosic fabrics. 2,378,360; June 12.
Huey, James G., assignor to Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Anode mold. 2,378,480; June 19.
Huff, John W.: *See*—
D'Orio, P. A., and Huff.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Waste heat boiler. 2,373,564; Apr. 10.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Heating and circulating device. 2,379,155; June 26.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbon oil. 2,380,760; July 31.
Huff, Lyman C., assignor to Universal Oil Products Company. Chicago, Ill. Process wherein fluid hydrocarbons are contacted and mixed with acidic fluid in a confined zone. 2,381,168; Aug. 7.
Huff, Thomas H., Merion, Pa. Airplane. 2,390,939; Dec. 11.
Huff, Van E., assignor of one-half to C. F. Miller, Miami, Fla. Louvre. 2,375,176; May 1.
Hufferd, George H., Grosse Point, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake control valve. 2,375,110; May 1.
Hufferd, George H., Grosse Pointe, Mich., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Separable fastener. 2,380,240; July 10.
Huffman, Hal C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Production of butadiene. 2,385,705; Sept. 25.
Huffnagle, George W., Fryeburg, Maine, assignor to Farnsworth Television and Radio Corporation. Color television system. 2,389,979; Nov. 27.
Huge, Henry M., Lorain, Ohio, assignor of one-half to E. M. Heavens, and one-half to C. P. Stocker. Polyphase voltage regulator. 2,377,152; May 29.
Huge, Henry M., Lorain, Ohio, assignor of one-half to E. M. Heavens and one-half to C. P. Stocker. Frequency changer. 2,384,171; Sept. 4.
Huggins, Owen R., South Norwalk, assignor to Linotone Corporation. Producing intaglio printing elements. 2,376,596; May 22.
Hugh Jones Products Company: *See*—
Jones, Hugh H., assignor.
Hughes, Benjamin D., and E. L. Ford, Wembley, England. Extractor ventilator. 2,379,638; July 3.
Hughes, Charles J., et al.: *See*—
Pover, Stanley J., assignor.
Hughes, Everett C.: *See*—
Burk, R. E., and Hughes.
Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Recovery of catalysts. 2,386,798; Oct. 16.
Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Cutting oils. 2,386,952; Oct. 16.
Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Hydrocarbon polymerization. 2,390,100; Dec. 4.
Hughes, Everett C., and W. E. Scovill, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Mineral oil beneficiation. 2,381,907; Aug. 14.
Hughes, Frank C.: *See*—
Boughton, W. A., Mansfield, and Hughes.
Hughes, George F., Trumbull County, Ohio. Boat construction. 2,379,235; June 26.
Hughes, Henry & Sons Limited: *See*—
Everett, Philip F., assignor.
Hughes, Howard R., Houston, Tex., and S. A. Bell, Glendale, Calif., assignors to Hughes Tool Company, Houston, Tex. Dead reckoning navigation device for aircraft. 2,386,555; Oct. 9.
Hughes, Hugh T., assignor of one-half to O. F. Goudy, Cleveland, Ohio. Fastener. 2,373,312; Apr. 10.
Hughes, Jesse E.: *See*—
Batchelder, G. W., Featherer and Hughes.
Hughes, John R., Urbanna, Va. Weeding tool. 2,383,388; Aug. 21.
Hughes, John S., assignor to Zaremba Company, Buffalo, N. Y. Crystallizing evaporator. 2,384,747; Sept. 11.
Hughes, Lafayette M., Jr., et al.: *See*—
Pover, Stanley J., assignor.
Hughes, Robert C., Paoli, Pa. Stretcher. 2,377,940; June 12.
Hughes Tool Company: *See*—
Hughes, H. R., and Bell, assignors.
Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Hydraulic switch device. 2,376,918; May 29.
Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Proportioning pump. 2,391,703; Dec. 25.
Hughes, Walter J., assignor to Infilco Incorporated, Chicago, Ill. Sewage comminuting apparatus. 2,391,704; Dec. 25.
Hughes, William E., et al.: *See*—
Pover, Stanley J., assignor.
Hughey, Howard G., Bloomfield, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Multiflame heating torch. 2,384,920; Sept. 18.
Hughey, Howard G., Fanwood, N. J., assignor to Air Reduction Company, Incorporated. Apparatus for cutting metal. 2,384,921; Sept. 18.
Hugin, Adolph C.: *See*—
Felix, F., and Hugin.
Hugin, Adolph C., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,387,063; Oct. 16.
Huguenin, Richard, Stamford, Conn., assignor to Inredeco, Inc., Panama City, Panama. Making coffee extract. 2,380,046; July 10.
Hulbert, Arthur D., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron camera tube. 2,369,569; Feb. 13.
Hulbert, Edwin F., Watertown, Wis. Shell carrier liner. 2,375,993; May 15.
Hulbert, Ivan J.: *See*—
Tatlow, P., and Hulbert.
Hulbert, Ivan J., and P. Tatlow, assignors to Rotax Limited, Willesden Junction, London, England. High tension spark ignition apparatus. 2,379,004; June 26.
Hulfish, Buford W., assignor to Victor Aircraft Company, Inc., Newark, N. J. Elbow connection for use with spark plugs. 2,381,595; Aug. 7.
Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Magnetic field gradient meter. 2,379,716; July 3.
Hull, Cecil R., West Palm Beach, Fla. Vacuum exhaust muffler. 2,378,083; June 12.
Hull, Charles J., Kenmore, N. Y., assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Apparatus for forming materials. 2,367,779; Jan. 23.
Hull, David C., and C. A. Marshall, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of organic acid anhydrides. 2,367,501; Jan. 16.
Hull, Donald R., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn handling. 2,366,336; Jan. 2.
Hull, J. Leonard: *See*—
Griswold, G. G. and Lee, assignors.
Lee, Floyd J.
Hull, James L., Los Angeles, and F. J. Lee, La Habra, Calif. Fire extinguishing unit. 2,381,749; Aug. 7.
Hull, Maury I., Arlington, Va. Torpedo. 2,382,058; Aug. 14.
Hull, Richard O., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,374,289; Apr. 24.
Hull, Richard O., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,383,798; Aug. 28.
Hull, Roger S.: *See*—
Homan, W., and Hull.
Hull, Samuel P., Yonkers, N. Y., J. J. Corcoran, Cleveland, Ohio, and B. A. Lundy, Larchmont; said Lundy assignor to Railroad Accessories Corporation, New York, N. Y. Cabling strap. 2,390,940; Dec. 11.
Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Oxide catalysts in dehydrogenation of cymene. 2,376,252; May 15.
Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of p-cymene from a monocyclic terpene. 2,387,794; Oct. 30.
Hull, Washington, Noroton Heights, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of p-cymene from a monocyclic terpene. 2,388,359; Nov. 6.
Hullhorst, William B: *See*—
Belada, J., and Hullhorst.
Hulquist, Edward M., assignor to D. Field, Dallas, Tex. Utility cart. 2,389,574; Nov. 20.
Hulsberg, William E., assignor to Universal Oil Products Company, Chicago, Ill. Reactor. 2,391,315; Dec. 18.
Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Refrigeration apparatus. 2,367,502; Jan. 16.
Hulse, George E., Jr.: *See*—
Brown, C. F., and Hulse.
Hulson Company: *See*—
Hulson, John W., assignor.
Hulson, John W., Chicago, Ill., assignor to Hulson Company, Keokuk, Iowa. Locomotive exhaust nozzle. 2,389,980; Nov. 27.
Hulten, John E.: *See*—
Eklund, K. G., and Hulten.
Hultgren, Arnold P., and H. E. Moore, Chicago, Ill., R. H. Bennett and N. W. Cummins, Louisville, Ky., assignors to Sears, Roebuck and Co., Chicago, Ill., and Adler Manufacturing Co., Incorporated, Louisville, Ky. Cabinet. 2,372,672; Apr. 3.
Hultin, Rune, Lidingo, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Remote control system. 2,376,359; May 22.
Hultkrans, Paul B., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Packaging. 2,375,417; May 8.
Hultquist, Martin E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. 1-(4-Sulphamylphenyl)-3-(4-sulphamylphenylimino)-5-aryl-2-pyrrolidone. 2,379,639; July 3.
Hultquist, Martin E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Acetylsulphanilyl chloride. 2,383,128; Aug. 21.
Humane Coyote Getter Inc., The: *See*—
Marlman, Ethel P., assignor.
Humason, Granville A., Houston, Tex. Tester for wells. 2,389,512; Nov. 20.
Hume, Horace D., Mendota, Ill. Harvesting equipment. 2,375,848; May 15.

Hume, Horace D., Mendota, Ill. Shoe for cutter bars. 2,375,849; May 15.
Hume, W. L., et al.: *See*—
Livermont, Frank W., assignor.
Humer, Frank, assignor to General Motors Corporation, Detroit, Mich. Retractable headlamp. 2,369,295; Feb. 13.
Humer, Frank, assignor to General Motors Corporation, Detroit, Mich. Collapsible top for automobiles. 2,382,635; Aug. 14.
Humes, William B.: *See*—
Downing, J. R. O., and Humes.
Humeston, Frederick L., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Breech-closing means for self-loading firearms. 2,373,761; Apr. 17.
Humeston, Frederick L., Syracuse, N. Y., assignor to The High Standard Manufacturing Corporation, New Haven, Conn. Sear for firearms. 2,388,149; Oct. 30.
Hummel, Frederick E., Chicago, Ill. Electric water heater. 2,378,772; June 19.
Hummel, Herman H.: *See*—
Woppman, J. G., Hummel, and Newman.
Hummer, Charles I., Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Lubricated plug valve. 2,373,832; Apr. 17.
Humphrey, James M., assignor of ninety per cent to Doughboy Machines, Inc., New Richmond, Wis. Sealing machine. 2,376,253; May 15.
Humphrey, James M., assignor of ninety per cent to Doughboy Machines, Inc., New Richmond, Wis. Sealing machine. 2,379,357; June 26.
Humphrey, Robert G., Madison, and R. M. Sample, Lyndhurst, N. J. Abrasive disk. 2,376,254; May 15.
Humphrey, Stanley M.: *See*—
Seltzer, C. S., and Humphrey.
Humphrey, Walter E., assignor to Pennsylvania Rubber Company, Jeannette, Pa. Shuttlecock machine. Re. 22,691; Nov. 13.
Humphreys & Glasgow Limited: *See*—
Williams, Norman H., assignor.
Humphreys, Ira B., Denver, Colo. Controllable pitch propeller. 2,382,229; Aug. 14.
Humphreys, Marion W., Euclid, Ohio. Machine for drilling holes in screwheads and the like. 2,369,828; Feb. 20.
Humphreys, Marion W., Euclid, Ohio. Toasting device. 2,387,586; Oct. 23.
Humphreys, Meredith N.: *See*—
Knowles, J. O., Humphreys, and Davies.
Humphreys, Thomas D., and E. M. Dodds, said Humphreys assignor to A. C. Cossor Limited, London, England. Electrical apparatus. 2,367,866; Jan. 23.
Hunau, Lillian, Brooklyn, N. Y. Brassière. 2,367,353; Jan. 16.
Hundley, James, Columbus, Ohio. Floating carrier fortress. 2,374,938; May 1.
Hungerbühler, Paul: *See*—
Vannini, P., and Hungerbühler.
Hungerford, Churchill, Jr., Woodbury, assignor to Hungerford & Terry, Inc., Clayton, N. J. Condensate reclaiming system. 2,372,952; Apr. 3.
Hungerford, Daniel C.: *See*—
Ellis, R. M., and Hungerford.
Hungerford & Terry, Inc.: *See*—
Hungerford, Churchill, Jr., assignor.
Hungerford, Willard C., Los Angeles, Calif. Milling machine attachment for lathes. 2,375,789; May 15.
Hunn, Oliver W., assignor of one-fourth to A. D. Morgan, New Philadelphia, Ohio. Hemostat. 2,385,207; Sept. 18.
Hunsdiecker, Heinz, Cologne-Braunsfeld, Germany; vested in the Alien Property Custodian. Manufacturing cyclopentenone derivatives. 2,387,587; Oct. 23.
Hunsdorf, William P., Cleveland, Ohio, assignor to W. P. Hunsdorf and C. E. Edson, joint trustees. Coil winding apparatus. 2,381,750; Aug. 7.
Hunsdorf, William P., assignor of one-third to J. L. Meikle, and one-third to W. J. Wesseler, Cleveland, Ohio. Long range gun and projectile therefor. 2,386,686; Oct. 9.
Hunt, A. H., Limited: *See*—
Grouse, R. A., and Rogers, assignors.
Hunt, Basil G.: *See*—
Lepsoe, R., and Hunt.
Hunt, Charles T., Murrayville, assignor of one-half to G. A. Edwards, Manchester, Ill. Wire fence staple. 2,386,953; Oct. 16.
Hunt, Clyde G., Tullahoma, Tenn. Automatic carbon saver. 2,375,476; May 8.
Hunt, Frederick V., Belmont, and J. A. Pierce, Cambridge, Mass. Electromechanical-conversion device. 2,369,676; Feb. 20.
Hunt, George, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,385,517; Sept. 25.
Hunt, George D.: *See*—
Chaney, J. L., and Hunt.
Hunt, George R., Akron, Ohio. Compass attachment. 2,367,584; Jan. 16.
Hunt, Gordon, Parkersburg, W. Va. Heel stripper. 2,388,150; Oct. 30.
Hunt, John L.: *See*—
Greenleaf, R. M., and Hunt.
Hunt, John O., Greenville, assignor to Ware Shoals Manufacturing Co., Ware Shoals, S. C. Control mechanism. 2,368,546; Jan. 30.
Hunt, Madison, Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal salts of polyhydroxyalkyldithiocarbamic acids and their preparation. 2,379,965; July 10.
Hunt, Madison, Claymont, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylsulphenyl dithiocarbamates. 2,390,713; Dec. 11.
Hunt, Melville M.: *See*—
Strauss, A., Feltman, Hunt, and Harbaugh.
Hunt, Orvile A.: *See*—
Harrison, Elmer P., assignor.
Hunt, Scott F., South Bend, Ind., assignor, by mesne assignments, to Bendix Stromberg Carburetor Company. Carburetor. 2,381,751; Aug. 7.
Hunt & Turner Limited: *See*—
Jamie, Robert C. S., assignor.
Hunt, Walter L., assignor to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Controlling system for regulators. 2,386,799; Oct. 16.
Hunter, Albert E., Wollaton, assignor to Byard Manufacturing Company, Limited, Nottingham, England. Take-up for twist lace machines. 2,382,230; Aug. 14.
Hunter, Clarence S.: *See*—
Nadeau, G. F., Hilborn, and Hunter.
Nadeau, G. F., and Hunter.
Hunter, Dean F., Ogden, Iowa. Holder and insulator for electric fence wire. 2,390,305; Dec. 4.
Hunter, Donald P., Los Angeles, and C. A. Stine, Van Nuys, Calif., assignors to Turco Products, Inc., Los Angeles County. Apparatus for removing carbonaceous deposits from metals and the like. 2,371,394; Mar. 13.
Hunter, Frank B., La Canada, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Lubricant circulating system. 2,379,579; July 3.
Hunter, Frederick H.: *See*—
Perry, T. M., and Hunter.
Hunter Illuminated Car Sign Co. Inc., The: *See*—
Hunter, Lytle G., assignor.
Hunter, James, Machine Company, The: *See*—
Morrill, Frank B., assignor.
Hunter, Lytle G., assignor to The Hunter Illuminated Car Sign Co., Inc., Flushing, N. Y. Vehicle indicator. 2,368,547; Jan. 30.
Hunter, Melvin J., assignor to The Dow Chemical Company, Midland, Mich. Ester products of 12-hydroxystearic acid. 2,390,027; Nov. 27.
Hunter, Melvin J., and E. L. Kropscott, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether composition. 2,385,359; Sept. 25.
Hunter, Philip V., London, H. J. Allcock, Belvedere, and R. McL. Fairfield, Leigh, assignors to Callender's Cable & Construction Company Limited, London, England. Electric cable. 2,377,153; May 29.
Hunter, Verne W.: *See*—
Strassburger, Wm. J., and Hunter.
Hunter, Walker F., Jr., Rochester, N. Y., H. A. Tanner, Newport, R. I., and R. E. Gillmor, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Gelable cellulose derivative compositions. 2,367,503; Jan. 16.
Hunter, Willson H., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,386,116; Oct. 2.
Hunter, Willson H., Lakewood, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,388,151; Oct. 30.
Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Frictional mechanism. 2,386,610; Oct. 9.
Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Shield assembly for air scoops or the like. 2,389,313; Nov. 20.
Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering for aircraft surfaces and the like. 2,391,241; Dec. 18.
Hunters, James, Machine Company, The: *See*—
Morrill, Frank B., assignor.
Hunting, Irving A., South Plainfield, N. J., assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Printing press. 2,376,255; May 15.
Huntington, Richard L., Norman, Okla., assignor to Phillips Petroleum Company. Catalyst chamber. 2,387,026; Oct. 16.
Huntoon, Russell C., assignor to Solar Aircraft Company, San Diego, Calif. Anchor nut. 2,385,991; Oct. 2.
Huntsberger, Herbert D., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Twin grid casting. 2,378,221; June 12.
Huntzicker, Harry N., Evanston, assignor to United States Gypsum Company, Chicago, Ill. Making plaster retarder. 2,383,252; Aug. 21.
Hunziker, Charles E., Paterson, N. J. Filter. 2,381,453; Aug. 7.
Hunziker, Freda E., administratrix: *See*—
Hunziker, Sidney H.
Hunziker, Sidney H., deceased, by F. E. Hunziker, Drexel, Mo., administratrix. Discharge chute for hay balers. 2,390,306; Dec. 4.
Hupp, Oscar W., Schenectady, N. Y., assignor to General Electric Company. Gas scrubber. 2,373,565; Apr. 10.

Hupp, Vernon E., Chicago, Ill. Space heating system for buildings. 2,375,556; May 8.
Huppert, Oskar, Newark, N. J. Aqueous emulsions of cellulose acetate. 2,382,636; Aug. 14.
Huppert, Oskar, Newark, N. J. Condensation products of pseudothiohydantoin' protein and producing same. 2,384,421; Sept. 4.
Huppert, Oskar, Newark, N. J. Polycyclic compounds from isophorone and manufacture of same. 2,385,281; Sept. 18.
Huppert, Oskar, Chicago, Ill. Sulphonic acids of the 5-oxo imidazoline series. 2,384,837; Sept. 18.
Huppert, Oskar, Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Manufacture of synthetic wool from soy bean protein. 2,377,885; June 12.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Comb. Re. 22,617; Mar. 13.
Huppke, Walter F., Lomita, and T. Vermeulen, assignors to Union Oil Company of California, Los Angeles, Calif. Catalytic dehydrogenation. 2,379,081; June 26.
Hurd, John C. H.: *See*—
Holmes, H. H., and Hurd.
Hurka, Rudolph J., Clearwater, Fla., assignor to Monsanto Chemical Company. Leavening composition. 2,366,857; Jan. 9.
Hurlbut, Douglas H., Adrian, Mich. Device for reinking typewriter ribbons. 2,366,907; Jan. 9.
Hurlbut, James, Huntington Park, T. J. Davidson, Montebello, and R. N. Bowman, Southgate, assignors to Rheem Manufacturing Co., Richmond, Calif. Burner. 2,372,953; Apr. 3.
Hurley Electronic Controls Inc.: *See*—
Hurley, Raymond J., assignor.
Hurley, John W., trustee: *See*—
Eastin, Rollie R., assignor.
Hurley, Patrick J., Gratiot Township, Wayne County, assignor to Packard Motor Car Company, Detroit, Mich. Micrometer caliper. 2,375,557; May 8.
Hurley, Raymond J., Kenilworth, assignor to Hurley Electronic Controls Inc., Chicago, Ill. Pressure responsive control instrument. 2,386,164; Oct. 2.
Hurley, Roy T., Westport, Conn., assignor to Bendix Aviation Corporation, South Bend, Ind. Supercharged chamber for aircraft. 2,373,185; Apr. 10.
Hurley, Samuel C., Jr., Danville, Ill. Chute. 2,377,154; May 29.
Hurley, Samuel C., Jr., Danville, Ill. Orienting mechanism. 2,379,717; July 3.
Hurn, James E., assignor to The De Luxe Products Corporation, La Porte, Ind. Filtering lubricating oils. 2,366,190; Jan. 2.
Hurrey, Clarence B.: *See*—
Hurrey, Ross C., assignor.
Hurrey, Ross C., assignor to Bagpak, Inc., New York, N. Y. Bag making machine. 2,376,697; May 22.
Hurrey, Ross C., assignor of one-half to Clarence B. Hurrey, Ashton, Md. Thermit bomb. 2,391,242; Dec. 18.
Hurst, Edward, West Newton, assignor to United Cotton Products Company, Fall River, Mass. Method and apparatus for manufacturing abrasive materials. 2,369,462; Feb. 13.
Hurst, George L., San Francisco, Calif. Quick detachable coupling. 2,370,354; Feb. 27.
Hurst, Ira N.: *See*—
Hansen, W. L., and Hurst.
Hurst, Robert O., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus and systems. 2,370,037; Feb. 20.
Hurt, David M., Wilmington, Del., and C. A. Rohrmann, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making sulphur trioxide and catalyst therefor. 2,381,908; Aug. 14.
Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Pneumatic mattress. 2,369,736; Feb. 20.
Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Glove or mitten. 2,378,773; June 19.
Hurter, Hans, Lausanne, assignor to Société Anonyme pour l'Industrie de l'Aluminium, Chippis, Switzerland. Making furnaces for the electrolytic production of aluminum. 2,378,142; June 12.
Huscher, Myron E.: *See*—
Britton, E. C., Nutting, and Huscher.
Huse, Hiram N., Lansdale, Pa. Making playing balls. 2,367,867; Jan. 23.
Hussey, Chester L., Belchertown, Mass., assignor to Savage Arms Corporation, Utica, N. Y. Chainless drive for bicycles. 2,378,634; June 19.
Hussmann-Ligonier Company: *See*—
Davis, Russell E., assignor.
Husson, Harry L., Westfield, and R. R. Pollard, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,384,307; Sept 4.
Husted, Harry A., St. Clair, Mich. Cigarette case. 2,378,774; June 19.
Husted, Harry A., St. Clair, assignor to The Standard Products Company, Detroit, Mich. Periscopic viewing and sighting device. 2,381,909; Aug. 14.
Husted, Harry F., Shavertown, Pa. C clamp. 2,366,263; Jan. 2.
Huston, Claude B., Schenectady, N. Y., assignor to General Electric Company. Liquid slip regulator. 2,367,025; Jan. 9.
Huston, Claude B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,383,799; Aug. 28.
Huston, Milton D.: *See*—
Breese, J. L., Hayter, and Huston.
Perry, S., and Huston.
Huston, Milton D., Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Pot type liquid fuel burner and air supply means therefor. 2,382,419; Aug. 14.
Huston, Milton D., Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Horizontal pot type burner. 2,386,556; Oct. 9.
Huston, William M., and C. E. Jones, Lima, Ohio. Crawler drive mechanism. 2,387,268; Oct. 23.
Huszár, Kálmán Z., Cincinnati, Ohio. Rodmill. 2,367,585; Jan. 16.
Hutaff, George H., Jr., Wilmington, N. C. Bottle carrier. 2,386,859; Oct. 16.
Hutaff, George H., Jr., Wilmington, N. C. Bottle cap and release therefor. 2,386,860; Oct. 16.
Hutchcroft, Clyde R., Eureka, assignor to Keasbey & Mattison Company, Ambler, Pa. Asbestos board. 2,376,919; May 29.
Hutcheson, John A., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburg, Pa. Oscillator circuit for inductive heating. 2,381,057; Aug. 7.
Hutchings, Joseph L., Newark, N. J., assignor to Brosites Machine Company, Inc., New York, N. Y. Method and device for shredding materials. 2,378,481; June 19.
Hutchinson, Arthur J. L., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Mixing apparatus. 2,375,558; May 8.
Hutchinson, Arthur J. L., and I. C. Bechtold, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Treatment of hydrocarbon gases by hydration. 2,375,559; May 8.
Hutchinson, Arthur J. L., and I. C. Bechtold, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Treatment of gases. 2,375,560; May 8.
Hutchinson, Philip H., Montclair, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,380,761; July 31.
Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Double-exposure prevention camera. 2,367,504; Jan. 16.
Hutchison, Robert L., Roma, Tex. Police weapon. 2,391,782; Dec. 25.
Huth, Carl A., Rutherford, N. J., assignor to American Can Company, New York, N. Y. Machine for filling products into containers. 2,381,454; Aug. 7.
Hutsell, Thomas A., Renton, Wash. Liquid dispenser equipment. 2,382,059; Aug. 14.
Hutt, Philip, Milford, Conn., assignor to General Electric Company. Electric switch. 2,366,530; Jan. 2.
Hutter, William H., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Electrodynamic speaker. 2,367,026; Jan. 9.
Hutter, William H., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,371,522; Mar. 13.
Huttmann, Erich: *See*—
Düllenbach, W., Allerding, and Huttmann.
Hutton, James H., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Center-of-gravity location indicator. 2,391,243; Dec. 18.
Huwer, Charles A., Detroit, Mich. Furnace. 2,380,110; July 10.
Huxon Holding Corporation: *See*—
Huck, Louis C., assignor.
Huyck, Ralph S.: *See*—
Douglas, R. M., and Huyck.
Huye, Joseph G., New Orleans, La. Hat packing stay and combination package. 2,384,680; Sept. 11.
Hvid, Rasmus M., Wilmette, Ill. Engine piston construction. 2,386,117; Oct. 2.
Hyatt, Charles S., and T. J. Kerr, assignors to Columbus Coated Fabrics Corporation, Columbus, Ohio. Coated glass fiber window shade. 2,381,542; Aug. 7.
Hyatt, Elmer, Cleveland, Ohio. Truss. 2,388,360; Nov. 6.
Hyatt, Raymond D., assignor to The D. L. Auld Company, Columbus, Ohio. Portable grease receptacle. 2,368,065; Jan. 23.
Hyde, George E., Jr., Stratford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition. 2,383,315; Aug. 21.
Hyde, George J., Brooklyn, assignor to Firearms Research Corporation, New York, N. Y. Control means. 2,367,280; Jan. 16.
Hyde, George J., Dayton, Ohio, assignor to Firearms Research Corporation, New York, N. Y. Rifle. 2,376,057; May 15.
Hyde, Herschel Y.: *See*—
Viland, C. K., and Hyde.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Organo-silicon polymers and making them. 2,371,050; Mar. 6.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Dielectric compositions. 2,377,689; June 5.

Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Insulated conductor and insulation therefor. 2,386,466; Oct. 9.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Organo-silicon polymers and making them. 2,386,467; Oct. 9.
Hyde, James F., assignor to Corning Glass Works, Corning, N. Y. Manufacture of glass yarn. 2,390,370; Dec. 4.
Hyde, James L.: *See*—
Burnham, J., and Hyde.
Hyde, James L., Williamstown, assignor to Sprague Specialties Company, North Adams, Mass. Stabilized dielectric composition. 2,377,630; June 5.
Hyde, John B., Great Neck, N. Y. Anchor for ground supports. 2,389,149; Nov. 20.
Hyden, William L., and J. A. Mitchell, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof sheet. 2,388,326; Nov. 6.
Hydraulic Brake Company: *See*—
Katz, D. L., and Esterer, assignors.
Miller, Raymond J., assignor.
Teagno, Joseph R., assignor.
Swift, Harvey C., assignor.
Swift, John F., assignor.
Hydraulic Control Engineering Company: *See*—
Dolch, William C., assignor.
Patton, Willis A., assignor.
Stephens, William T., assignor.
Hydraulic Coupling Patents Limited: *See*—
Basebe, Arthur C., assignor.
Hydraulic Development Corp., Inc., The: *See*—
Bench, D. E., Crosby, and Toulmin.
Crosby, Melvin A., assignor.
Ernst, Walter, assignor.
Ernst, W., and Cross, assignors.
Flowers, Paul E., assignor.
Flowers, P. E., Ernst, and MacMillin, assignors.
MacMillin, Howard F., assignor.
Muller, Johan A., assignor.
Summers, Otto M., assignor.
Tucker, Warren R., assignor.
Tucker, W. R., and Waldie, assignors.
Waldie, George A., assignor.
Hydraulic Impact Tool Company: *See*—
Warren, Charles F., assignor.
Hydril Company: *See*—
Stone, A. L., and Appleton, assignors.
Hydro-Blast Corporation, The: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr., assignors.
Webster, R. S., and Will, assignors.
Hygeia Nursing Bottle Company, Inc.: *See*—
Ganson, Howard H., assignor.
Hyland Automobiles (England) Limited: *See*—
Hyland, Charles, assignor.
Hyland, Charles, assignor to Hyland Automobiles (England) Limited, Wakefield, England. Hydraulic remote control apparatus. 2,371,893; Mar. 20.
Hyland, James F., Champaign, Ill. Garden implement. 2,372,275; Mar. 27.
Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Steering hitch mechanism. 2,370,468; Feb. 27.
Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Seeding attachment. 2,378,635; June 19.
Hyle, Jacob A.: *See*—
Thomann, R. A., and Hyle.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Tractor-mounted harvester. 2,371,822; Mar. 20.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Harvester construction. 2,379,802; July 3.
Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Harvester. 2,379,803; July 3.
Hyman, Frank W., New York, N. Y. Applying coatings. 2,380,047; July 10.
Hyman, Henry: *See*—
Muldoon, Bernard F., assignor.
Hynd, Alan, New York, N. Y. Motion picture photography. 2,375,477; May 8.
Hyndman, Meade: *See*—
Smart, Ralph F., assignor.
Hyneman, Louis H.: *See*—
Taurman, A., and Hyneman.
Hyprath, Walter, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Extrusion device for the manufacture of cable sheaths. 2,385,574; Sept. 25.
Hyre, Warren, Clearwater, Fla. Form aligner. 2,378,850; June 19.
Hytron Corporation: *See*—
La France, Alfred, assignor.
I. T. E. Circuit Breaker Company: *See*—
Bohn, Donald I., assignor.
Graves, Herbert C., Jr., assignor.
Pokorny, Frank J., assignor.
Schymik, Walter H., assignor.
Scott, William M., Jr., assignor.
I-T-E Circuit Breaker Company: *See*—
Scott, William M., Jr., assignor.
Iafrate, Domenic L., Newton, Mass. Scissor sharpening or like device. 2,384,922; Sept. 18.
Iarussi, Michael V.: *See*—
Brocco, J. L., and Iarussi.
Iavelli, Teno: *See*—
Neracher, C. A., Dunn, Iavelli, and Syrovy.
Iavelli, Teno, and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,375,790; May 15.
Ibarra, Frank, San Francisco, Calif. Airplane brake. 2,381,957; Aug. 14.
Ibbott, Harold W., assignor to H. N. and P. E. Negretti, London, England. Responsive device for producing and transmitting variable fluid pressure. 2,369,463; Feb. 13.
Ibbott, Harold W., assignor to Negretti & Zambra, London, England. Self-aligning antivibration coupling. 2,378,851; June 19.
Ice Cream Novelties, Inc.: *See*—
Overland, Leo D., assignor.
Icke, Roland N.: *See*—
Alles, G. A., and Icke.
Idaho Maryland Mines Corporation: *See*—
Brandenburg, Hellmuth R., assignor.
Iddings, Roscoe C., E. R. Bork, and H. G. Williams, assignors to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,383,129; Aug. 21.
Ideal Laboratory Tool & Supply Co.: *See*—
Kallenbach, Donald D., assignor.
Ideal Novelty & Toy Co.: *See*—
Baggott, Edmund W., assignor.
Ideal Roller & Manufacturing Company: *See*—
Lippincott, Wells A., assignor.
Iden, Floyd W., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Alternator. 2,380,966; Aug. 7.
Iden, Fred B., Cleveland Heights, Ohio, assignor to General Electric Company. Coiling machine for fine wire. 2,372,082; Mar. 20.
Iden, Fred B., Cleveland Heights, Ohio, assignor to General Electric Company. Machine head-control mechanism. 2,376,540; May 22.
Iglehart, Ferdinand C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latched-in magnetic switch. 2,370,038; Feb. 20.
Iglehart, Ferdinand C., Wilkinsburg, and B. L. Ullrich, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bus transfer. 2,370,039; Feb. 20.
Iglehart, Ferdinand C., and R. B. Immel, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contactor. 2,374,017; Apr. 17.
Ihrig, Donald G., Evanston, Ill., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Battery-generator power supply system. 2,386,118; Oct. 2.
Ileman, Emil A., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker. 2,386,611; Oct. 9.
Iler, George A., Riverside, assignor, by mesne assignments, to General Finance Corporation, Chicago, Ill. Valve. 2,381,287; Aug. 7.
Iler, George A., Riverside, assignor to Roberts & Porter Inc., Chicago, Ill. Dampening mechanism for printing presses. 2,389,730; Nov. 27.
Iler, Ralph K., East Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sodium sulphate and chlorine. 2,375,000; May 1.
Iler, Ralph K., East Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chlorine and sodium sulphate. 2,375,001; May 1.
Iler, Ralph K., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insolubilizing protein and product. 2,381,752; Aug. 7.
Iler, Ralph K., East Cleveland, and F. J. McAdams, Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making sodium sulphate and chlorine. 2,375,002; May 1.
Ilford Limited.: *See*—
Challis, Kenneth J., assignor.
Chilton, Leonard V., assignor.
Chilton, L. V., and Woosley, assignors.
Dimsdale, W. H., and Clarke, assignors.
Fry, D. J., and Kendall, assignors.
Kendall, John D., assignor.
Kendall, J. D., and Fry, assignors.
Kendall, J. D., and Majer, assignors.
Kendall, J. D., Suggate, and Wood, assignors.
Kendall, J. D., Wood, and Majer, assignors.
Ilieff, Ilion, Detroit, Mich. Shade and curtain bracket. 2,386,861; Oct. 16.
Illinois Clay Products Company, The: *See*—
Nichols, Arthur S., assignor.
Illinois Engineering Company, The: *See*—
Ehretsman, J. L., and Leutwiler, assignors.
Illinois Lock Company, The: *See*—
Dequick, Henry J., assignor.
Illinois Railway Equipment Company: *See*—
Harbert, Victor H., assignor.
Johnson, Malcolm S., assignor.

Illinois Testing Laboratories, Inc.: *See*—
Breitenstein, Victor W., assignor.
Illinois Tool Works: *See*—
Cadwallader, Alvin A., assignor.
Hanneman, Walter M., assignor.
Olson, Carl G., assignor.
Poupitch, Ouglјesa J., assignor.
Illion, Jeanette, Newark, N. J. Package. 2,383,389; Aug. 21.
Illmer, Louis, Cortland, N. Y. High-speed bending roller machine. 2,369,234; Feb. 13.
Illmer, Louis, Cortland, N. Y. Rotor grinder machine. 2,385,445; Sept. 25.
Imber, Jack, Farnham Common, England. Detonating device. 2,382,879; Aug. 14.
Imhof, Alfred G., London, and L. Hoyles, Stanmore, England; said Hoyles assignor to said Imhof. Portable tool. 2,389,314; Nov. 20.
Imhoff, Carroll E.: *See*—
Pankey, T. L., and Imhoff.
Imm, Lewis W., Glendale, assignor to Librascope, Incorporated, Burbank, Calif. Balance computer. 2,373,566; Apr. 10.
Immel, Ralph B.: *See*—
Iglehart, F. C., and Immel.
Immel, Ralph B., and R. T. Kintzing, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current energized contactor. 2,380,442; July 31.
Immel, Ralph B., Wilkinsburg, Pa., and F. Slamar, Annapolis, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Shock responsive latching device. 2,382,995; Aug. 21.
Immel, Ralph B., Wilkinsburg, and L. Pierce, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resistance unit. 2,390,790; Dec. 11.
Imperial Brass Manufacturing Company, The: *See*—
Franck, George E., assignor.
Imperial Chemical Industries Limited: *See*—
Anderson, J. G., Hill, and Morgan, assignors.
Arnold, Michael H. M., assignor.
Arnold, M. H. M., and Perry, assignors.
Bacon, R. G. R., and Evans, assignors.
Bacon, R. G. R. and Richards, assignors.
Baird, W., Hill, Harris, Oakeshott, and Wilson, assignors.
Batty, J. W., and Fairweather, assignors.
Beckett, Ernest G., assignor.
Boon, William R., assignor.
Boon, W. R., and Lowe, assignors.
Booth, W. E., and Cosway, assignors.
Bremner, J. G. M., Reynolds, and Taylor, assignors.
Bremner, J. G. M., Stanley, Jones, and Taylor, assignors.
Brown, Cedric J., assignor.
Bryce, G., and Williams, assignors.
Buckley, G. D., and Piggott, assignors.
Burgoine, E., Collie, and New, assignors.
Caldwell, Walter A., assignor.
Crawford, J. W. C., and Jones, assignors.
Cusa, N. W., Salkeld, and Walker, assignors.
Foster, Reginald T., assignor.
Flint, C. F., and Clarke, assignors.
Giles, C. H., and Wilkinson, assignors.
Goodings, E. P., and Rogers, assignors.
Gudgeon, H., and Hill, assignors.
Gudgeon, H., Isaacs, and Morgan, assignors.
Haddock, Norman H., assignor.
Helmore, William, assignor.
Heywood, B. J., Knight, and Lapworth, assignors.
Huebner, D. W., and Fearey, assignors.
Jesson, Walter F., assignor.
Kay, Eric, assignor.
Knight, Arthur H., assignor.
Knight, A. H., and Stephen, assignors.
Levy, Norman, assignor.
Mooney, R. B., and Wentworth, assignors.
Myles, J. R., Whittaker, and Siddle, assignors.
Ogle, Frank L., assignor.
Roberts, Alexander M., assignor.
Rogers, Maurice A. T., assignor.
Shakesby, Leonard, assignor.
Shufflebotham, John S., assignor.
Smith, Arthur E. W., assignor.
Smith, A., and Scaife, assignors.
Smith, A. E. W., Scaife, and Stanley, assignors.
Smith, A. E. W., Stanley, and Scaife, assignors.
Taylor, Harold, assignor.
Thomson, Robin H. K., assignor.
Walmesley, Robert A., assignor.
Walters, Oswald H., assignor.
Whitworth, E., and Thomson, assignors.
Williams, Edmond G., assignor.
Williamson, A. T., and Bradley, assignors.
Wilson, Christopher L., assignor.
Imperial Chemical Industries Limited, et al.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson, assignors.
Imperial Industries Limited: *See*—
Caldwell, Walter A., assignor.
Imperial Knife Company, Inc.: *See*—
Mirando, Michael A., assignor.
Imperial Typewriter Company, Limited, The: *See*—
Brumhill, Claude W., assignor.
Incagnoli, Venanzio, Ceprano, Forsinone, Italy; vested in the Alien Property Custodian. High note producing system in saxophones. 2,382,880; Aug. 14.
"Incindor", Coal Ignitor Company, Inc.: *See*—
Elkan, Fred, assignor.
Independent Lock Company: *See*—
Falk, William, assignor.
Independent Pneumatic Tool Company: *See*—
Forss, Frithiof P., assignor.
Kaman, Frank A., assignor.
Mitchell, Walter G., assignor.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Lapping machine. 2,369,107; Feb. 6.
Indge, Herbert S., Westboro, and C. W. Lund, Boylston, assignors to Norton Company, Worcester, Mass. Cam lapping machine. 2,373,640; Apr. 17.
Indian Archery & Toy Corporation: *See*—
Brading, Harry M., assignor.
Indian Motocycle Company: *See*—
Du Pont, E. P. and S., assignors.
Stewart, John H. F., assignor.
Induction Heating Corporation: *See*—
Rudd, Wallace C., assignor.
Wile, Raymond S., assignor.
Industriaktiebolaget Luxor: *See*—
Noren, H., and Kylemo, assignors.
Industrial Abrasives, Inc.: *See*—
Metzger, Leopold H., assignor.
Industrial Brownhoist Corporation: *See*—
Taylor, Ernest W., assignor.
Taylor, E. W., and Nielsen, assignors.
Terrill, Franklin E., assignor.
Industrial Chemicals, Inc.: *See*—
Kilduff, Charles J., assignor.
Industrial Engineering Corporation: *See*—
Legere, Alderic C., assignor.
Miller, William F., assignor.
Industrial Machine and Supply Co.: *See*—
Fankhouser, L. E., and Glotfelty, assignors.
Industrial Patents Corporation: *See*—
Bayles, John R., assignor.
Britt, Max, assignor.
Brown, Leo C., assignor.
Chapman, Thomas J. C., assignor.
Christopher, Edward F., assignor.
Eshbaugh, C. H., Mitchell, and Paddock, assignors.
Grettie, Donald P., assignor.
Gunther, James K., assignor.
Lohner, C. L., and Rueckert, assignors.
Mink, Leon D., assignor.
Newton, Lowell R., assignor.
Newton, L. R., Haase, and Walter, assignors.
Nott, R. A., and Ellis, assignors.
Parsons, C. H., and Mink, assignors.
Phelps, G. W., and Black, assignors.
Reichel, Howard G., assignor.
Scott, Everett C., assignor.
Walter, Charles T., assignor.
Walter, C. T., and Newton, assignors.
Williams, Beverly E., assignor.
Williams, B. E., and Cadwell, assignors.
Young, Harland H., assignor.
Young, H. H. and C. S., and Bradford, assignors.
Zeigler, Clarence C., assignor.
Industrial Rayon Corporation: *See*—
Browne, Francis C., assignor.
Corey, Lorin A., assignor.
Helseth, S. T., and Fauver, assignors.
Hoagland, Reginald W., assignor.
McLellan, Kenneth M., assignor.
Tarbox, John P., assignor.
Industrial Research Laboratories, Ltd.: *See*—
Hahn, Otto W., assignor.
Industrial Steels Limited: *See*—
Greenberg, Leon, assignor.
Industrial Wire Cloth Products Company: *See*—
Mieras, Merritt A., assignor.
Ineson, Clifton H., Oakville, Conn., assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Self-locking nut. 2,391,421; Dec. 25.
Infilco Incorporated: *See*—
Behrman, Abraham S., assignor.
Behrman, A. S., and Gustafson, assignors.
Green, Walter H., assignor.
Gustafson, Hilding B., assignor.
Hughes, Walter J., assignor.
Koupal, Robert J., assignor.
McBride, George A., assignor.
Prager, Frank D., assignor.
Vallez, Henry A., assignor.
Ingalls, David, Westfield, assignor to Titeflex, Inc., Newark, N. J. Metal conduit. 2,367,944; Jan. 23.
Ingalls, David, Westfield, N. J., assignor to Titeflex, Inc. Apparatus for making corrugated tubing. 2,383,253; Aug. 21.
Ingalls, David, Westfield, assignor to Titeflex, Inc., Newark, N. J. Flexible connection. 2,386,862; Oct. 16.
Ingalls Iron Works Company, The: *See*—
Beskin, Leon, assignor.
Ingalls, John, assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Collet with removable pads. 2,382,060; Aug. 14.

Ingalls, John M.: *See*—
Miller, C. E., and Ingalls.

Ingeniörsfirma Viggo Aktiebolag: *See*—
Ravén, Carl B., assignor.

Ingerman, Fred O., San Francisco, Calif. Scaffold ledger bracket. 2,376,966; May 29.

Ingersoll-Rand Company: *See*—
Carr, Walter E., assignor.
Doyle, F. B., Markley, and Plummer, assignors.
Dickenson, Ernest H., assignor.
Hornschuch, Hanns, assignor.
Lincoln, Paul A., assignor.
McConaghy, James W., assignor.
Miller, Frank, assignor.
Reynolds, Harold C., assignor.
Sellars, Oliver H., assignor.
Slater, Fred M., assignor.
Stepanoff, Alexey J., assignor.
Wickens, Edward F., assignor.
Yerger, Paul A., assignor.
Zimmerman, Robert D., assignor.

Ingersoll, Roy C.: *See*—
Cravener, D. H., Jr., Ingersoll, and Wendel.

Ingersoll, Roy C., Winnetka, assignor to Borg-Warner Corporation, Chicago, Ill. Forming conical disks. 2,382,485; Aug. 14.

Ingersoll, Theo E.: *See*—
Balmer, Harold J., assignor.

Ingham, Herbert S.: *See*—
Shepard, A. P., and Ingham.

Ingham, Robert J., Jr., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Temperature compensated Bourdon tube instrument. 2,387,909; Oct. 30.

Ingle, Henry W., Windsor, assignor to Hartford-Empire Company, Hartford, Conn. Closure hold-down spring clamp for packing jars. 2,380,443; July 31.

Ingram, Joseph R., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of rubber. 2,374,098; Apr. 17.

Ingram, Sydney B., Fairlawn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical impulse counting circuit. 2,384,379; Sept. 4.

Ingres, Jeannot G., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Hydraulic brake operating mechanism. 2,374,545; Apr. 24.

Ingwer, Max, and W. W. Schwarz, assignors to Consolidated Sewing Machine & Supply Co. Inc., New York, N. Y. Power transmission device. 2,387,910; Oct. 30.

Inhoffen, Hans H., Berlin-Wilmersdorf, Germany, assignor to Schering Corporation, Bloomfield, N. J. Neutral esters of polybasic aliphatic acids with hydroxy compounds and the androstane and pregnane series and making the same. 2,384,550; Sept. 11.

Inland Steel Company: *See*—
Haig, Paul, assignor.
Martin, Edwin D., assignor.

Inland Steel Container Co.: *See*—
Godshalk, Alva J., assignor.
Surerus, Victor M., assignor.

Inland Wire Products Company: *See*—
Cleveland, Harry W., assignor.

Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge apparatus. 2,378,222; June 12.

Inman, Ulysses A., Long Beach, Calif. Apparatus for balancing wheels. 2,378,018; June 12.

Inman, Walter V., Obion, assignor of one-half to M. I. Wood, Memphis, Tenn. Unloading machine. 2,381,958; Aug. 14.

Inman, William H., assignor to Bloomer Bros. Company, Newark, N. J. Carton. 2,367,780; Jan. 23.

Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton partition means. 2,381,543; Aug. 7.

Innes, Walter P., Jr.: *See*—
Bidwell, Earl E., assignor.

Inredeco, Inc.: *See*—
Durrenmatt, H. K., and de Schoulepnikow, assignors.
Huguenin, Richard, assignor.

Inslee, Heber C., East Orange, N. J., assignor, by mesne assignments, to Rickrite Processes, Inc., Stamford, Conn. Steadier for elongated workpieces and mandrel bars. 2,374,939; May 1.

Inslee, Heber C., East Orange, N. J., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Reducing mill. 2,386,863; Oct. 16.

Inslee, Heber C., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Steadier for elongated workpieces and mandrel bars. 2,386,864; Oct. 16.

Inslee, Heber C., East Orange, N. J., assignor, by mesne assignments, to Rockrite Processes, Inc., Stamford, Conn. Reducing mill. 2,387,515; Oct. 23.

Institutum Divi Thomae Foundation, The: *See*—
Sperti, George S., assignor.

Insuline Corporation of America, Inc.: *See*—
Heller, Alexander G., assignor.

Intava Ltd.: *See*—
West, H. L., and Ogston, assignors.

Interchemical Corporation: *See*—
Abrams, John R., assignor.
Carman, E. F., and Reil, assignors.
Cassel, Norman S., assignor.
Dench, Edward C., assignor.
Fischer, Earl K., assignor.
Giabalvo, Vito A., assignor.
Grupe, William F., assignor.
Jeuck, F. J., and Rietz, assignors.
Jones, Wilbur L., assignor.
Lent, Clifford M., assignor.
Opp, Carl, assignor.
Pall, David B., assignor.
Pizzarello, Roy A., assignor.
Reynolds, W. B., and Scully, assignors.
Rietz, C. A., and Jeuck, assignors.
Rolle, Clifford J., assignor.
Ryan, L. W., and Sanders, assignors.
Saunders, A., and Engle, assignors.
Wickwire, A. M., Jr., assignor.
Wilson, M. M., and Berry, assignors.

Interior, United States of America as represented by the Secretary of the: *See*—
Clemmer, J. B., and Clemmons, assignors.
Fox, A. L., and Chindgren, assignors.
Lamb, F. D., and Banning, assignors.
Lee, Frederick W., assignor.

International Bitumen Emulsions Limited: *See*—
James, Robert L., assignor.

International Business Machines Corporation: *See*—
Ayres, Waldemar A., assignor.
Ayres, W. A., and Page, assignors.
Bailey, William J. A., assignor.
Bailey, W. J., and Whiteman, assignors.
Bailey, W. J. A., and Whiteman, assignors.
Beattie, Horace S., assignor.
Blakely, Robert T., assignor.
Brand, S., and Cunningham, assignors.
Brand, Samuel, assignor.
Bryce, James W., assignor.
Buehl, Russell C., assignor.
Casey, Robert T., assignor.
Cunningham, James M., assignor.
Daly, George F., assignor.
Daly, G. F., and Esher, assignors.
Daly, G. F., Malmros, and Phillips, assignors.
Dickinson, Arthur H., assignor.
Dodge, Ronald D., assignor.
Doty, Charles R., assignor.
Ford, Eugene A., assignor.
Ghertman, Ioino, assignor.
Hood, James D., assignor.
Johnson, Reynold B., assignor.
Keen, Harold H., assignor.
Keen, H. H., and Wright, assignors.
Lake, Clair D., assignor.
Lake, C. D., and Daly, assignors.
Lake, C. D., and Hamilton, assignors.
Lamb, Eugene J., assignor.
Lang, William, assignor.
Leathers, W., and Haddad, assignors.
Leathers, W., and Panissidi, assignors.
Luhn, Hans P., assignor.
Mills, A. W., Furman, and Rabenda, assignors.
Nichols, Harry J., assignor.
Page, R. E., and Beattie, assignors.
Rabenda, Edward J., assignor.
Rast, Frederick Q., assignor.
Rubidge, D. W., Manning, Hood, and Greene, assignors.
Rutbell, Clarence C., assignor.
Smathers, James F., assignor.
Sprecker, Alfred L., assignor.
Terry, Bennett F., assignor.
Tholstrup, Henry L., assignor.
Torkelson, Torkel E., assignor.
von Reppert, Richard, assignor.
Watson, A. K., Lewis, and Walsh, assignors.
Watson, Thomas J., assignor.
Watson, T. J., and Phillips, assignors.
Wheeler, John N., assignor.

International Cigar Machinery Company: *See*—
Clausen, Sigurd, assignor.
Clausen, S., and Broekhuysen.
Durning, James P., assignor.
Gladeck, Frederick C., assignor.
Halstead, John F., assignor.
Olsson, Carl, assignor.
Rundell, Rupert E., assignor.
Wells, Franklin H., assignor.
Wheeler, Henry H., assignor.

International Code Machine Company: *See*—
Hebern, Edward H., assignor.

International Derrick & Equipment Company, The: *See*—
Athy, Clifford R., assignor.
McEwen, John D., assignor.

International Detrola Corporation: *See*—
Higham, William W., assignor.
Tyson, Levi D., assignor.

International Harvester Company: *See*—
Aasland, John L., assignor.
Acton, Russel D., assignor.
Ash, Roy C., assignor.
Baker, D. B., and Bechman, assignors.
Baker, D. B., Holub, and Nickla, assignors.
Bechman, William O., assignor.
Blaydes, Frederick T., assignor.
Buck, Foster, assignor.
Crumb, C. F., and Gerber, assignors.
Dewey, Frederick L., assignor.
Dyrr, Jacob V., assignor.
Evans, Arthur G., assignor.
Fasick, Leland B., assignor.
Haas, Clarence C., assignor.
Hall, John R., assignor.
Harstick, William H., assignor.
Herrstrom, Hjalmar Q., assignor.
Hilblom, Samuel E., assignor.
Hipple, James L., assignor.
Hitchcock, Rex B., assignor.
Hitchcock, R. B., and Keller, assignors.
Hitchcock, R. B., and Rosenthal, assignors.
Hubert, C. A., and Land, assignors.
Hyman, Benjamin M., assignor.
Johnson, A. E. W., and Hitchcock, assignors.
Johnson, A. E. W., Orelind, and Smith, assignors.
Johnston, Edward A., assignor.
Kooyman, Adrianus A., assignor.
Kreigbaum, George M., assignor.
Lundberg, Gustave E., assignor.
Lundberg, G. E., and Crawford, assignors.
Lyle, James E., assignor.
McNamara, Gordon G., Jr., assignor.
Messenger, R. P., Kaupke, and Raney, assignors.
Miller, George H., assignor.
Millard, Lee P., assignor.
Millard, L. P., and Pool, assignors.
Mitchell, Melville J., assignor.
Mitchell, M. J., and Millard, assignors.
Morkoski, James, assignor.
Mott, Carl W., assignor.
Nickla, L. E., and Crawford, assignors.
Orelind, John R., assignor.
Orelind, J. R., and Evans, assignors.
Orendorff, John W., assignor.
Parsons, Harry N., assignor.
Peterson, Raymond E., assignor.
Pool, S. D., and Faust, assignors.
Raney, Clemma R. and R. R., assignors.
Raney, Russell R., assignor.
Rogers, Clifford R., assignor.
Renno, Donald G., assignor.
Scarlett, Arthur A., assignor.
Scarlett, A. A., and Higginson, assignors.
Scarlett, A. A., and Young, assignors.
Schmied, William F., assignor.
Smith, Hiram P., assignor.
Smith, H. P., and Blaydes, assignors.
Vogel, Hilmond O., assignor.

International Heater Company: *See*—
Wagstaff, Albert E., assignor.

International Lubricant Corporation: *See*—
Fraser, Harold M., assignor.

International Marine Radio Company Limited: *See*—
Thorpe-Woods, Henry, assignor.

International Minerals & Chemical Corporation: *See*—
Butt, C. A., and Hallman, assignors.
Royal, Celestian L., assignor.

International Multifeed Drills, Ltd.: *See*—
Hoffar, Henry S., assignor.

International Mutoscope Corporation: *See*—
Lissiansky, Alexander, assignor.

International Nickel Company, The: *See*—
Gagnebin, Albert P., assignor.

International Nickel Company, Inc., The: *See*—
Bieber, Clarence G., assignor.
Kalil, Eugene J., assignor.
Mudge, William A., assignor.
Renzoni, Louis S., assignor.
Spence, Neville S., assignor.
Wallis, A. E., and Townshend, assignors.
Wallis, A. E., and West, assignors.

International Paper Box Machine Company, The: *See*—
La Bombard, Leon E., assignor.
Labombarde, Harold S., assignor.
Youngchild, Casper E., assignor.

International Plastic Corporation: *See*—
Schieman, Gustave, assignor.

International Plastic Harmonica Corporation: *See*—
Magnus, Finn H., assignor.

International Pulverizing Corporation: *See*—
Andrews, Norwood H., assignor.

International Register Company: *See*—
Gallagher, William P., assignor.

International Silver Company: *See*—
Glike, Frederick C., assignor.

International Standard Electric Corporation: *See*—
Carroll, Louis W., assignor.
Deakin, Gerald, assignor.
Fairley, Frank, assignor.
Fremlin, John H., assignor.
Hardy, René, assignor.
Hatton, William, assignor.
Komives, L. I., Courtis, and Thomas, assignors.
Lee, Edwin C., assignor.
Litton, Charles V., assignor.
Maddock, Alan J., assignor.
McLarn, Ernest S., assignor.
McLarn, E. S., and Leibe, assignors.
McWhirter, E. M. S., and Chambers, assignors.
Morley, John F., assignor.
Smyth, Charles N., assignor.
Spangenberg, Karl, assignor.
Terman, Frederick E., assignor.
Ullrich, Edward H., assignor.
Webb, John K., assignor.
Williams, Herbert P., assignor.

Interstate Aircraft and Engineering Corp.: *See*—
Schuler, Carl J., assignor.

Interstate Bakeries Corporation: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson, assignors

Intertype Corporation: *See*—
Klingberg, E. G., Stadelmann and Freund, assignors.

Interwoven Stocking Company: *See*—
Clarke, Edgar W., assignor.
Thurston, P. L., and Nagley, assignors.

Invidiato, Cosmo L., Paterson, N. J. Adjustable crutch. 2,366,406; Jan. 2.

Ioco Rubber and Waterproofing Company Limited, The: *See*—
Ryan, Alfred, assignor.

Iodent Chemical Company: *See*—
Lautmann, Alfred J., assignor.

Iowa State College Research Foundation: *See*—
Fulmer, E. I., Underkofler, and Hickey, assignors.
Levine, Max, assignor.

Ipatieff, Vladimir N.: *See*—
Linn, C. B., and Ipatieff.
Pines, H., and Ipatieff.
Schmerling, L., and Ipatieff.

Ipatieff, Vladimir N., assignor to Universal Oil Products Company, Chicago, Ill. Production of butadiene. 2,374,433; Apr. 24.

Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,366,531; Jan. 2.

Ipatieff, Vladimir N., and C. B. Linn, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffins. 2,366,731; Jan. 9.

Ipatieff, Vladimir N., and L. Schmerling, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,374,600; Apr. 24.

Ipatieff, Vladimir N., and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of benzene. 2,382,318; Aug. 14.

Ipatieff, Vladimir N., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,382,881; Aug. 14.

Ipatieff, Vladimir N., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,382,882; Aug. 14.

Ipatieff, Vladimir N., and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Isomerizing normal butenes to isobutene. 2,386,468; Oct. 9.

Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrocyclization of aliphatic hydrocarbons. 2,386,957; Oct. 16.

Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of ethylene. 2,389,780; Nov. 27.

Irby, James W., Dayton, Ohio. Parachute release. 2,383,485; Aug. 28.

Irion, Clarence E., Montclair, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Printing ink. 2,381,753; Aug. 7.

Irmscher, Hans O., Roslyn, Long Island, assignor to National Urn Bag Co., Inc., Long Island City, N. Y. Machine for manufacturing heat sealing filter sheet materials. 2,370,168; Feb. 27.

Irmscher, Hans O., Roslyn, N. Y., assignor to National Urn Bag Company, Inc. Mechanism for heat sealing package seam joints. 2,376,360; May 22.

Iron Fireman Manufacturing Company: *See*—
Wright, Richard C., assignor.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Handle for automatic firearms. 2,369,052; Feb. 6.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cartridge belt reel and bracket therefor. 2,372,424; Mar. 27.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Magazine for automatic firearms. 2,381,959; Aug. 14.

Ironside, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Magazine for automatic firearms. 2,388,413; Nov. 6.

Irresistible, Inc.: *See*—
Naidech, Louis, assignor.
Irstad, Eric R., Stockholm, Sweden. Transmission device for machine tools. 2,371,330; Mar. 13.
Irvin Fallskärmsaktiebolag: *See*—
Kjellson, Henry W., assignor.
Irvin, Leslie L., Letchworth, England, assignor to Irving Air Chute Company, Inc., Buffalo, N. Y. Aviator's emergency equipment. 2,375,655; May 8.
Irvin, Ward M., Battle Creek, Mich. Snuffer and snuffing. 2,371,445; Mar. 13.
Irvine, Jan S., Pelham, N. Y., and R. F. Clark, Westfield, N. J., assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Fastening for fibrous boards. 2,376,698; May 22.
Irvine, William L., Brooklyn, assignor to The American Sugar Refining Company, New York, N. Y. Bundle sealing machine. 2,372,578; Mar. 27.
Irving Air Chute Company, Inc.: *See*—
Irvin, Leslie L., assignor.
Irving, Walter E.: *See*—
Prince, Burton A., assignor.
Irvington Varnish & Insulator Co.: *See*—
Weibel, Elmer T., assignor.
Irwin, Emmett M., San Marino, G. E. Lewis, Alhambra, R. H. Duval, Los Angeles, B. H. Rule, Pasadena, and R. M. Chenoweth, assignors to Cooperative Development Co., Los Angeles, Calif. Electrical switch. 2,369,296; Feb. 13.
Irwin Foundry & Mine Car Company: *See*—
Altimus, Miles, assignor.
Irwin, John, Jr., New York, N. Y. Power saw for felling and cutting pulpwood. 2,378,554; June 19.
Irwin Machinery Company: *See*—
Herz, Cornelius M., assignor.
Irwin, Oliver C., deceased, by Standard Cap & Seal Corporation, assignee, New York, N. Y. Refrigerating system. Re. 22,677; Oct. 2.
Irwin, Oliver C., deceased, by Standard Cap & Seal Corporation, New York, N. Y., a corporation of Virginia, assignee. Refrigerating system. Re. 22,678; Oct. 9.
Irwin, Robert W., and C. M. Herz, Grand Rapids, Mich.; said Herz assignor to said Irwin. Veneer joining machine. 2,371,331; Mar. 13.
Isaac, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film reel. 2,384.621; Sept. 11.
Isaacs, Elias: *See*—
Gudgeon, H., Isaacs, and Morgan.
Isaacson Iron Works: *See*—
Gammel, John A., assignor.
Isaacson, Leon D., Brooklyn, N. Y. Device for creating, testing, and measuring stereopsis. 2,371,999; Mar. 20.
Isaak, Albert F., Cedar Falls, Iowa. Garment hanger. 2,370,313; Feb. 27.
Isakson, Stig, Portland, Oreg. Lock nut. 2,367,399; Jan. 16.
Isbell, Horace S., Washington, D. C., assignor to Government of the United States, represented by the Secretary of Commerce. Chemical process and product. 2,380,444; July 31.
Isbister, Eric J.: *See*—
Norden, E., Gemill, and Isbister.
Iseman, John W., assignor of one-half to L. De Urzaiz, New York, N. Y. Rotary burnishing tool. 2,390,651; Dec. 11.
Isenberg, Rudolf A., and R. S. Pershing, Los Altos, and C. Van H. King, Jr., E. D. Patton, and R. Caraway, San Francisco, Calif., assignors to Perishables Shipping Equipment Company. Refrigeration mechanism. 2,383,486; Aug. 28.
Isenberg, Sampson, assignor to General Luminescent Corporation, Chicago, Ill. Luminescent coating material. 2,389,781; Nov. 27.
Isenberg, Sampson, assignor to General Luminescent Corporation, Chicago, Ill. Printing method and product. 2,391,705; Dec. 25.
Isham, Robert M., Okmulgee, Okla., assignor to Danciger Oil & Refineries, Inc., Fort Worth, Tex. Separation of acetylene from gaseous mixtures. 2,383,551; Aug. 28.
Isham, Robert M., Okmulgee, Okla., assignor to Danciger Oil & Refineries, Inc., Fort Worth, Tex. Production of succinic and maleic acids from butyrolactone. 2,385,518; Sept. 25.
Ishler, Harry K., assignor to Sylvania Electric Products Inc., Emporium, Pa. Electron discharge device. 2,372,379; Mar. 27.
Isler, Sol, New York, N. Y. Plastic umbrella frame construction. 2,385,575; Sept. 25.
Israel, Jean I. L., Rio de Janeiro, Brazil. Clasping device for bags, portfolios, envelopes, and the like. 2,385,576; Sept. 25.
Israel, Sidney, Brooklyn, N. Y. Combined call-indicator, dialer, and timer. 2,379,303; June 26.
Issaly, Raoul M. L., La Tronche, France; vested in the Alien Property Custodian. Wooden sole for shoes. 2,370,963; Mar. 6.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid fuel burner control apparatus. 2,372,276; Mar. 27.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,373,186; Apr. 10.
Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control. 2,377.235; May 29.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,384,380; Sept. 4.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,384,622; Sept. 11.
Isserstedt, Siegfried G., Toronto, Ontario, Canada, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Aircraft control apparatus. 2,387,795; Oct. 30.
Isserstedt, Siegfried G., Toronto, Ontario, Canada. Curtain suspending means. 2,388,061; Oct. 30.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap and making same. 2,377,424; June 5.
Ivers-Lee Company: *See*—
Salfisberg, Leroy L., assignor.
Iversen, Norman H., Birmingham, assignor, by mesne assignments, to Shatterproof Glass Corporation, Detroit, Mich. Chuck. 2,386,469; Oct. 9.
Iverson, Cato, assignor to The National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 2,374,099; Apr. 17.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,378,636; June 19.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,388,918; Nov. 13.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,388,919; Nov. 13.
Iverson, John O., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of saturated hydrocarbons. 2,390,883; Dec. 11.
Iverson, Sigmund I., Minneapolis, Minn. Handwheel for lawn hose couplings. 2,384,498; Aug. 7.
Ives, H. B. Company, The: *See*—
Bloss, Herman, assignor.
Hagstrom, Gotthard, assignor.
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Optical range finder. 2,390,652; Dec. 11.
Iveson, Herbert T.: *See*—
Julian, P. L., Meyer, and Iveson.
Ivie, James O.: *See*—
Thomas, M. D., and Ivie.
Ivory, Chester S., Bala-Cynwyd, assignor to The Estate of J. W. Ivory, Philadelphia, Pa. Dental matrix retainer. 2,374,750; May 1.
Ivory, J. W., The Estate of: *See*—
Ivory, Chester S., assignor.
Ivy, Jessie T., Seattle, Wash. Punching machine. 2,390,371; Dec. 4.
Ivy, Joe G., assignor to Westinghouse Electric Corporation, Pittsburgh, Pa. Variable voltage control. 2,383,971; Sept. 4.
Iwashita, George K., Indianapolis, Ind., assignor, by mesne assignments, to Admiral Corporation, Chicago, Ill. Refrigerator. 2,377,941; June 12.
J. P. Seeburg Corporation: *See*—
Kenney, Mahlon W., assignor.
J & S Tool Co.: *See*—
Jakobsen, Harry S., assignor.
Jabelmann, Otto, deceased, Omaha, Nebr.; T. R. Jabelmann, administratrix. Railway truck structure. 2,372,380; Mar. 27.
Jabelmann, Otto, deceased, Omaha, Nebr.; T. R. Jabelmann, administratrix. Railway car. 2,380,528; July 31.
Jabelmann, Teresa R., administratrix: *See*—
Jabelmann, Otto.
Jack & Heintz, Inc.: *See*—
Anderson, Axel L., assignor.
Bousky, Samuel, assignor.
Calhoun, Frank V., assignor.
Carlson, Bert G., assignor.
Conant, David J., assignor.
Dittman, Karl H., assignor.
Eiseman, R. J., and Wenner, assignors.
Goddard, Asa C., assignor.
Goddard, A. C., and Seme, assignors.
Gruenhagen, Henry, Inc., assignor.
Heintz, R. M., assignor.
Heintz, Ralph M., assignor.
Kundtz, Frank S., assignor.
Scofield, Philip F., assignor.
Jack, Norman H., Philadelphia, Pa. Continuously shielding wire in unlimited lengths. 2,386,119; Oct. 2.
Jacke, Raymond E., Richmond, Va. Game or toy. 2,377,498; June 5.
Jackel, Arthur P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Annunciating and indicating apparatus. 2,366,791; Jan. 9.
Jackel, Arthur P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Selective receiver for remote control systems. 2,381,499; Aug. 7.

Jackes, Herman D.: *See*—
Hill, H. C., Jackes, and Kincaid.
Jackman, Harold F., Findlay, Ohio. Toy grenade. 2,367,027; Jan. 9.
Jackman, John J., Dayton, Ohio. Micrometer gauge. 2,391,020; Dec. 18.
Jacks, Sylvanus O., San Francisco, Calif. Collapsible foot tub. 2,382,637; Aug. 14.
Jackson, Albert S., Wood River, Ill., and E. W. Summers, Richmond Heights, Mo., assignors to Owens-Illinois Glass Company. Glassware spraying apparatus. 2,369,737; Feb. 20.
Jackson, Allton B.: *See*—
Clarkson, J. L., and Jackson.
Jackson, Arthur C., Swarthmore, Pa., assignor to L. V. Whistler, Kenmore, N. Y. Interchangeable punch and die. 2,387,027; Oct. 16.
Jackson, Arthur C., Swarthmore, Pa., assignor to L. V. Whistler, Kenmore, N. Y. Punch and die setting. 2,388,546; Nov. 6.
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Bobbin spinning apparatus. 2,370,731; Mar. 6.
Jackson, Arthur L., West Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of staple fiber. 2,384,032; Sept. 4.
Jackson, Byron, Co.: *See*—
Blom, Carl, assignor.
Jackson, Carey B.: *See*—
Wieczorek, G. A., Jr., and Jackson.
Jackson, Charles F.: *See*—
Duffield, N. H., and Jackson.
Jackson, Clinton D., Mondovi, Wis. Portable sawmill. 2,377,236; May 29.
Jackson, David, Pittsburgh, Pa. Fishing hook releaser. 2,385,415; Sept. 25.
Jackson, Diana M., New York, N. Y., now by marriage D. M. Laylin. Combination garment and carrying bag. 2,380,909; July 31.
Jackson, Edwin C., Clayton, and C. F. Frede, University City, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,379,005; June 26.
Jackson, George W.: *See*—
Joyce, W. J., and Jackson.
Jackson, George W., assignor to American Optical Company, Southbridge, Mass. Lens drill. 2,378,637; June 19.
Jackson, Henry A., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Water treatment. 2,374,100; Apr. 17.
Jackson, Henry S., Springfield, La. Fuel atomizer. 2,391,422; Dec. 25.
Jackson, Honel A., Detroit, Mich. Electrical conductor. 2,375,656; May 8.
Jackson, Honel A., Detroit, Mich. Electrode holder. 2,375,657; May 8.
Jackson, Honel A., Detroit, Mich. Electrode holder. 2,386,398; Oct. 9.
Jackson, Honel A., Detroit, Mich. Welding electrode holder. 2,386,399; Oct. 9.
Jackson, James O., Crafton, assignor to Pittsburgh-Des Moines Company, Pittsburgh, Pa. Safety valve for storage tank roofs. 2,370,040; Feb. 20.
Jackson, James O., Crafton, assignor to Pittsburgh-Des Moines Company, Pittsburgh, Pa. Making welded joints. 2,371,823; Mar. 20.
Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Spherical type insulated container for liquefied gases. 2,386,958; Oct. 16.
Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Heat exchanger. 2,391,244; Dec. 18.
Jackson, John, Los Angeles, Calif. Nutcracker. 2,378,084; June 12.
Jackson, John K., assignor to Corning Glass Works, Corning, N. Y. Glass tempering apparatus. 2,372,898; Apr. 3.
Jackson, John W., Winnetka, Ill. Bending of boards. 2,373,567; Apr. 10.
Jackson, Leslie K.: *See*—
Lithgow, J., and Jackson.
Jackson, Lewis, Simpson, Kans. Bale elevator. 2,391,053; Dec. 18.
Jackson, Lloyd R., assignor to Battelle Memorial Institute, Columbus, Ohio. Experimental gun. 2,377,425; June 5.
Jackson, Lloyd R., and W. F. Stewart, assignors to Battelle Memorial Institute, Columbus, Ohio. Forming blocking layers on selenium coated plates. 2,391,706; Dec. 25.
Jackson, Merlin M., San Jose, Calif. Washing machine. 2,373,961; Apr. 17.
Jackson, Meryl A.: *See*—
Doran, H. M., Jackson, and Alf.
Jackson, Ralph G., Woodbury, N. J. Manufacture of sheet material. 2,380,762; July 31.
Jackson, Samuel, Jr., Haddonfield, N. J. Flare or fusee. 2,389,782; Nov. 27.
Jackson, Thomas: *See*—
Cantrell, H., Jackson, and Howarth.
Kees, Marshall C., assignor.
Jackson, Tom C., Lebanon, Ky. Dual-rotation test drive. 2,374,207; Apr. 24.
Jackson, William L., Greenville, S. C. Non-luminous cigarette holder. 2,372,277; Mar. 27.
Jacob, Carlyle W., Lynn, Mass. Electrical precipitation apparatus. 2,381,455; Aug. 7.
Jacob, Ellis L., Moylan-Rose Valley, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Clamping device. 2,383,435; Aug. 21.
Jacob, Ezekiel J., assignor to B. Liebowitz, New York, N. Y. Fabric. 2,372,673; Apr. 3.
Jacob, Ezekiel J., Brooklyn, assignor to Benjamin Liebowitz, New York, N. Y. Pile fabric. 2,381,218; Aug. 7.
Jacob, Ezekiel J., Brooklyn, assignor to B. Liebowitz, New York, N. Y. Fabric. 2,385,577; Sept. 25.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock device. 2,379,440; July 3.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Combination contact and terminal for electric switches. 2,382,996; Aug. 21.
Jacobi, Louis, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Transmission. 2,391,783; Dec. 25.
Jacobs, Arthur C., Chicago, Ill. Container with handle. 2,387,329; Oct. 23.
Jacobs Bros. Co., Inc., The: *See*—
Haferl, R. C., and Hohne, assignors.
Jacobs, Charles D., Pikeville, Ky. Underground tunnel construction. 2,377,012; May 29.
Jacobs, Charles T., New Providence Township, Union County, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Control system. 2,367,028; Jan. 9.
Jacobs, Charles T., Orange, N. J. Cocktail shaker. 2,387,151; Oct. 16.
Jacobs, Donald H., Plainfield, N. J., assignor to Celanese Corporation of America. Materials impermeable to ultra-violet radiations. 2,370,244; Feb. 27.
Jacobs, F. L., Company: *See*—
Levon, Walter P., assignor.
Westrope, Frederick J., assignor.
Jacobs, Herbert E., Portland, Oreg. Display balloon. 2,383,390; Aug. 21.
Jacobs, John H., Fanwood, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,374,818; May 1.
Jacobs, Joseph J., assignor to Autoxygen, Inc., New York, N. Y. Continuous saponification process. 2,380,650; July 31.
Jacobs Manufacturing Company, The: *See*—
Stoner, Arthur M., assignor.
Jacobs, Samuel S., San Mateo, Calif., assignor to American Can Company, New York, N. Y. Closing machine. 2,370,169; Feb. 27.
Jacobs, Walter T.: *See*—
Schofield, E. L., and Jacobs.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Liquid-tight seal. 2,374,353; Apr. 24.
Jacobsen, Oystein, Montgomery County, assignor to The Duriron Company, Inc., Dayton, Ohio. Diaphragm valve. 2,381,544; Aug. 7.
Jacobsohn, Samuel J., Chicago, Ill., assignor to The Gaertner Scientific Corporation. Refractometer. 2,371,625; Mar. 20.
Jacobson, Abe J.: *See*—
Clarin, Werner E., assignor.
Jacobson, Charles, New York, assignor to S. & S. Corrugated Paper Machinery Company, Inc., Brooklyn, N. Y. Adjustment for running register. 2,372,783; Apr. 3.
Jacobson, Ernest, New York, N. Y. Magnetic attachment for articles of every day use. 2,385,859; Oct. 2.
Jacobson, Hugo W.: *See*—
Bennett, A. F., Krause, and Jacobson.
Jacobson, James J., New York, N. Y. Dispensing container. 2,371,332; Mar. 13.
Jacobson, Moses G., Penn Township, Allegheny Count, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas testing method and apparatus. 2,378,019; June 12.
Jacobson, Ralph M., Minneapolis, Minn. Conveyer mechanism. 2,384,033; Sept. 4.
Jacobson, Walter H.: *See*—
Deitz, L. S., Jr., and Jacobson.
Jacobsson, Wilgot J., Plainfield, and C. C. Anthes, Union, N. J., assignors to Union Carbide and Carbon Corporation. Needle valve. 2,370,245; Feb. 27.
Jacobsson, Wilgot J., Plainfield, and L. W. Young, Scotch Plains, N. J., assignors to Union Carbide and Carbon Corporation. Torch. 2,388,327; Nov. 6.
Jacobus, David D., Glen Ridge, N. J., and J. R. Bose, Woodhaven, N. Y., assignors to Keuffel & Esser Company, Hoboken, N. J. Photosensitive materials. 2,375,366; May 8.
Jacobus, Harland E., assignor to Thompson Products, Inc., Cleveland, Ohio. Seal structure. 2,367,781; Jan. 23.
Jacocks, George T., New Rochelle, assignor to Heat Transfer Products, Inc., New York, N. Y. Still. 2,376,146; May 15.
Jacocks, George T., New Rochelle, assignor to Heat Transfer Products, Inc., New York, N. Y. Still. 2,388,328; Nov. 6.
Jacoel, Isidore, Buffalo, N. Y. Apparatus for testing cables and the like. 2,389,912; Nov. 27.

Jacquard Knitting Machine Co., Inc.: *See*—
Sirmay, Julius, assignor.
Jadraque, Joaquin M. and L. J. Cavallero, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn. Frequency modulation receiver. 2,381,754; Aug. 7.
Jaeger, Alphons O., Greenwich, and K. L. Lynch, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphopolycarboxylic acid monoamides and their preparation. 2,383,130; Aug. 21.
Jaeger, Charles B., Jr., Baltimore, Md., assignor to Lynch and Company, St. Louis, Mo. 2-nitro-3-methoxy-phenol and making same. 2,385,282; Sept. 18.
Jaeger, Jacob J.: *See*—
Caldwell, S. H., Jaeger, and Taylor.
Jaeger, Robert W., assignor to Standard Oil Company, Chicago, Ill. Rubber reclaiming solvent. 2,374,101; Apr. 17.
Jaeger Watch Company, Inc.: *See*—
Berge, Joseph, assignor.
Jaffa, Harry, Minneapolis, Minn. Protection device. 2,371,241; Mar. 13.
Jager, Howard M., Oceanside, N. Y., assignor to Republic Aviation Corporation. Means for forming sheet metal. 2,378,482; June 19.
Jahn, Francis P., and A. G. Oblad, assignors to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,374,102; Apr. 17.
Jahn, Walter K., Los Angeles, Calif. Disappearing hanger. 2,390,257; Dec. 4.
Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Slide structure for drawers, shelves, and the like. 2,370,861; Mar. 6.
Jakobsen, Harry S., Harrison, assignor to J & S Tool Co., East Orange, N. J. Radii and angle dresser. 2,366,623; Jan. 2.
Jakobsson. Gustav H., Tacoma Park, Md., assignor of one-third to E. H. Purdy, Washington, D. C. Projectile adapter. 2,382,152; Aug. 14.
Jalbert, Jean H., Paris, France; vested in the Alien Property Custodian. Connecting device for electrical instruments on aircraft. 2,369,570; Feb. 13.
James, Albert L., Western Springs, Ill., assignor to Corn Products Refining Company, New York, N. Y. Zein dispersions and making same. 2,377,237; May 29.
James, Bill Y., assignor of one-half to C. Y. James, Miami, Okla. Fixture. 2,368,838; Feb. 6.
James, Caroline Y.: *See*—
James, Bill Y., assignor.
James, Edmond J. P., Akron, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Resistance welding machine. 2,384,923; Sept. 18.
James, Edmond J. P., Canal Fulton, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Resistance welding machine. 2,384,924; Sept. 18.
James, Frank W., Huntsville, Ala., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Liquid proportioning apparatus. 2,368,990; Feb. 6.
James, Franklin E., Almont, Pa., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Nozzle. 2,366,264; Jan. 2.
James, Jolly, Melvindale, Mich. Vehicle signal. 2,386,120; Oct. 2.
James, Joseph H., assignor to C. P. Byrnes, trustee, Pittsburgh, Pa. Making motor fuel and by-products. 2,367,125; Jan. 9.
James, Joseph H., assignor to C. P. Byrnes, Pittsburgh, Pa. Mineral oil cracking process. 2,370,541; Feb. 27.
James, Lawrence H., Silver Spring, Md. Sterilizing. 2,380,696; July 31.
James Manufacturing Company, *See*—
Waterman, Arthur E., assignor.
Waterman, A. E., and Kreutzer, assignors.
James, Patrick H., Houston, Tex. Gravimeter null indicator. 2,367,126; Jan. 9.
James, Robert H., University Heights, assignor to R. H. Jamison, Cleveland, Ohio. Adjustable table and like furniture. 2,378,852; June 19.
James, Robert L., assignor to International Bitumen Emulsions Limited, Slough, England. Road making. 2,379,082; June 26.
James, William H.: *See*—
Francis, A. W., and James.
Jameson, Charles M., Detroit, Mich. Automatic braking device. 2,381,755; Aug. 7.
Jameson, Frank E., Los Gatos, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, San Francisco, Calif. Protection of chilling nozzles. 2,367,029; Jan. 9.
Jamestown Metal Equipment Company, Inc.: *See*—
Hays, Charles H., Jr., assignor.
Jamie, Robert C. S., Pathlow, near Stratford-on-Avon, assignor of one-half to Hunt & Turner Limited, Birmingham, England. Clip for hose and the like. 2,384,094; Sept. 4.
Jamison, C. Bland: *See*—
Ford, Walter B., assignor.
Jamison, C. Bland, et al.: *See*—
Abeel, George H., III, assignor.
Carol, James E., assignor.
De Swart, Jan, assignor.
Jamison Cold Storage Door Company: *See*—
Jamison, John V., Jr., assignor.
Jamison, Everett S., Chicago, Ill., assignor to W. F. Stahl. Making forms for windings. 2,368,025; Jan. 23.
Jamison, John V., Jr., assignor to Jamison Cold Storage Door Company, Hagerstown, Md. Refrigerator door fastener. 2,389,056; Nov. 13.
Jamison, Robert H.: *See*—
James, Robert H., assignor.
Jammer, Jacob S., Montclair, N. J., assignor to Federal Telephone & Radio Corporation. Pothead. 2,380,048; July 10.
Janchick, Michael, Hot Springs National Park, Ark. Toilet kit for men. 2,382,061; Aug. 14.
Jandasek, Joseph, Detroit, Mich, assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,368,711; Feb. 6.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,373,894; Apr. 17.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,376,699; May 22.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,377,555; June 5.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,378,085; June 12.
Jandasek, Joseph, assignor to Bendix Aviation Corporation, Detroit, Mich. Fluid torque converter. 2,388,329; Nov. 6.
Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,388,849; Nov. 13.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever assembly. 2,377,690; June 5.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever control. 2,377,691; June 5.
Janes, Joseph, Somerville, Mass. Bowling alley. 2,367,400; Jan. 16.
Janes, Milton, Lakewood, Ohio, assignor to National Carbon Company, Inc. Electrolytic method for producing oxygen. 2,390,591; Dec. 11.
Janes, Norman H., Snook, Tex. Intake manifold. 2,384,681; Sept. 11.
Janette, John T., Kenilworth, assignor to Janette Manufacturing Company, Chicago, Ill. Shaft seal. 2,370,964; Mar. 6.
Janette Manufacturing Company: *See*—
Janette, John T., assignor.
Janeway, Price W., Jr., Media, Pa., assignor to The United Gas Improvement Company. Chemical process. 2,366,901; Jan. 9.
Janeway, Robert N.: *See*—
Breer, C., and Janeway.
Janeway, Robert N., Detroit, assignor to Railroad Rolling Stock Patents Corporation, Highland Park, Mich. Vehicle suspension. 2,384,925; Sept. 18.
Jansen, Bollie M., and F. L. Kitley, Caldwell, Ohio. Cutting apparatus. 2,372,784; Apr. 3.
Jansen, Isabel T., Milwaukee, Wis. Light pencil. 2,368,839; Feb. 6.
Jansen, Jacob E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilization of dis (alkylthiazyl) disulphides. 2,386,959; Oct. 16.
Jansky, Karl G., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phase shifter. 2,390,884; Dec. 11.
Jany, Jose, Sao Paulo, Brazil. Support arrangement for X-ray filming equipment. 2,372,425; Mar. 27.
Jardine, Guy F., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass forming machine. 2,368,472; Jan. 30.
Jarman, Vincent G., Watchung, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Welding apparatus. 2,380,529; July 31.
Jaros, Elizabeth C.: *See*—
Jaros, Joseph F., assignor.
Jaros, Joseph F., Riverside, assignor to Elizabeth C. Jaros, Chicago, Ill. Visual educational device. 2,387,758; Oct. 30.
Jaros, Stanley, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Gas burner. 2,369,235; Feb. 13.
Jaros, Stanley, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Gas burner. 2,369,236; Feb. 13.
Jarrell, Lemuel P., Huntington Park, Calif. Toolholder for metal planers. 2,385,519; Sept. 25.
Jarrell, Sanford J., Norfolk, Va. Boot and shoe. 2,391,707; Dec. 25.
Jarrett, Tracy C., Catonsville, Md., assignor to American Optical Company, Southbridge, Mass. Making gold filled stock. 2,389,981; Nov. 27.
Jarvis, Albert E., Arlington, and W. J. Keller, Jersey City, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,388,152; Oct. 30.
Jarvis, Harold T., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Ignition timing system. 2,373,685; Apr. 17.
Jarvis, Harold T., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Ignition timing. 2,380,967; Aug. 7.

Jarvis, Kenneth W., Winnetka, Ill. Manufacturing electrical condensers. 2,387,759; Oct. 30.
Jarvis, Percival J.: *See*—
Pugh, C. A., Booth, and Jarvis.
Jarvis, Sam M., et al.: *See*—
Carssow, John F., assignor.
Jasco, Incorporated: *See*—
Beekley, Nathan S., Jr., assignor.
Daly, William J., assignor.
Fasce, Egi V., assignor.
Fasce, E. V., and Pirkle, assignors.
Frolich, Per K., assignor.
Gilliland, Edwin R., assignor.
Green, Arthur D., assignor.
Holmes, Robert L., assignor.
Kearby, Kenneth K., assignor.
Kraus, Charles A., assignor.
Lightbown, I. E., and Sparks, assignors.
Robey, R. F., and Swaney.
Roetheli, B. E., and Scharmann, assignors.
Rollman, Walter F., assignor.
Sparks, W. J., and Thomas, assignors.
Stahly, Eldon E., assignor.
Swaney, M. W., and Beach, assignors.
Thomas, R. M., Field, and Reynolds, assignors.
Thomas, R. M., and Nelson, assignors.
Vanderbilt, B. M., and Beekley, assignors.
Jason, John P., assignor to Breuer Electric Mfg. Co., Chicago, Ill. Suction cleaning apparatus. 2,390,101; Dec. 4.
Jasper Foods: *See*—
Eisaman, Roy D., assignor.
Jasper, Hallie L., Bridgeport, Conn. Body molding garment. 2,370,170; Feb. 27.
Jasper, Thomas M., assignor to A. O. Smith Corporation, Milwaukee, Wis. Improving the stress distribution in multilayer high pressure cylinders. 2,372,723; Apr. 3.
Jasper Wood Crafters, Inc.: *See*—
Gramelspacher, Clarence U., assignor.
Jass, John E.: *See*—
Bridwell, J. W., and Jass.
Jasse, Raymond J., Vichy, France; vested in the Alien Property Custodian. Electric compensator. 2,378,555; June 19.
Jasse, Raymond J., Vichy, France; vested in the Alien Property Custodian. Synchronizing means for electric motors. 2,387,588; Oct. 23.
Jastrzebski, Wincenty, Aix-Les-Bains, France; vested in the Alien Property Custodian. Fluid operated power transmitter. 2,377,886; June 12.
Jauch, Robert J., Fort Wayne, and S. Hinds, Columbia City, assignors to The Wayne Pump Company, Fort Wayne, Ind. Pump. 2,384,172; Sept. 4.
Jay, Webb O., Lompoc, Calif. Railway frog. 2,382,153; Aug. 14.
Jaye, Richard C.: *See*—
Jepertinger, Richard C.
Jayne, Bennett, Richmond Hill, assignor of one-half to D. Calderazzo, Dolgeville, N. Y. Outer sole for shoes. 2,374,487; Apr. 24.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing melamine. 2,377,499; June 5.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Carboxylic acid esters of s-alkylol isothioureas. 2,380,697; July 31.
Jayne, David W., Jr., Old Greenwich, H. M. Day, Cos Cob, and E. W. Gieseke, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of acidic minerals. 2,380,698; July 31.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Aldehyde condensation products and producing the same. 2,389,150; Nov. 20.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Reaction products of hydroxylated polyamines, higher molecular weight carboxylic acids and organic sulphonic acids. 2,391,830; Dec. 25.
Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Cationic active compounds. 2,391,831; Dec. 25.
Jaynes, Armon, and T. W. Bragg, Gainesville, Tex. Hydraulic pump jack. 2,386,316; Oct. 9.
Jaynes, Merl A., Visalia, Calif. File holder. 2,388,920; Nov. 13.
Jean, James W., Altadena, Calif. Synthesizing hydrocarbons from alcohols with tetraphosphoric acid catalyst. 2,373,475; Apr. 10.
Jeandron, Howard T., Keyport, N. J. Synthetic flying trainer. 2,373,313; Apr. 10.
Jeannin, John F., assignor to Vickers Incorporated. Detroit, Mich. Power transmission. 2,377,556; June 5.
Jearum, Frederick C., Sutton, England. Grinding, lapping, or polishing machine for diamonds or other crystals and the like. 2,374,751; May 1.
Jearum, Frederick C., Sutton, England. Cutting, grinding or polishing machine for diamonds or other stones and the like. 2,384,253; Sept. 4.
Jearum, Frederick C., Sutton, England. Grinding machine. 2,386,687; Oct. 9.
Jeckel, Norman C., Glens Falls, N. Y., assignor to United States Catheter & Instrument Corp. Method and machine for making catheters. 2,388,693; Nov. 13.
Jeffers, Edward C. and M. C., Chicago, Ill. Journal lubricating device. 2,386,121; Oct. 2.
Jeffers, Martin C.: *See*—
Jeffers, Edward C. and M. C.
Jeffers, Walter M., assignor to Crouse-Hinds Company, Syracuse, N. Y. Synchronous motor. 2,378,556; June 19.
Jefferson Electric Company: *See*—
Harford, Charles G., assignor.
Mauerer, Leopold, assignor.
Omansky, Morris, assignor.
Jefferson, Ernest S., Belhaven, N. C. Harness. 2,383,552; Aug. 28.
Jefferson, Glen V., Edgewood, Pa., and S. E. Gillespie, Evanston, assignors, by mesne assignments, to Western Railroad Supply Company, Chicago, Ill., Speed governor. 2,372,579; Mar. 27.
Jefferson, James F., Lynn, Mass., assignor to General Electric Company. Multistage high pressure elastic fluid turbine. 2,388,975; Nov. 13.
Jeffery, Harold T., Wilmette, Ill., assignor to Yeomans Brothers Company. Pneumatic ejector. 2,380,651; July 31.
Jeffrey, M. L., Corporation, The: *See*—
Jeffrey, Max L., assignor.
Jeffrey Manufacturing Company, The: *See*—
Bird, Byron M., assignor.
Briggs, Robert E., assignor.
Clifton, Charles A., assignor.
Dodge, Gordon F., assignor.
Feight, Oscar J., assignor.
Fowler, John T., assignor.
Jeffrey, Robert K., assignor.
Knies, Daniel, assignor.
Lee, Arthur L., assignor.
Lemmon, Alexis W., assignor.
Le Roy, Franklin J., assignor.
Levin, Nils D., assignor.
Lewis, Edward G., assignor.
Lindsay, James R., assignor.
Medley, Harold C., assignor.
Mercier, Stanley M., assignor.
Schneider, Harvey S., assignor.
Steinmetz, Walter C., assignor.
Jeffrey, Max L., Shaker Heights, assignor to The M. L. Jeffrey Corporation, Cleveland, Ohio. Submergible switch. 2,368,926; Feb. 6.
Jeffrey, Robert K., Columbus, Ohio. Conveyer. 2,366,407; Jan. 2.
Jeffreys, Charles R., McKeesport, Pa. Pipe coupling. 2,376,058; May 15.
Jeffreys, George A., Calcium, N. Y., assignor to Nelson Littell, New Canaan, Conn. Biochemical process and apparatus for manufacturing food products. 2,370,665; Mar. 6.
Jeffries, Samuel B.: *See*—
Bludworth, J. E., and Jeffries.
Jehle, Ferdinand, Indianapolis, Ind., and E. A. Davies, Des Moines, Iowa, assignors to Hoffman Specialty Co., Indianapolis, Ind. Vent valve for steam radiators. 2,368,712; Feb. 6.
Jehle, Leon P., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Lubricant. 2,384,551; Sept. 11.
Jehu, Leroy: *See*—
Little, R., and Jehu.
Jelenko, J. F., & Co. Inc.: *See*—
Berger, Herbert R., assignor.
Jelley, Edwin E.: *See*—
Staehle, H. C., Jelley, and Bennett.
Vittum, P. W., and Jelley.
Jelley, Edwin E., and H. C. Staehle, assignors to Eastman Kodak Company, Rochester, N. Y. Viewing system. 2,380,241; July 10.
Jellinek, George, Plainfield, N. J. Automatic chuck device. 2,386,960; Oct. 16.
Jendrisak, Joseph E.: *See*—
Binkert, C. F., and Jendrisak.
Jenkins, Alexander: *See*—
Thompson, L. E., and Jenkins.
Jenkins, Cecil: *See*—
Woolslayer, H. J., Campbell, and Jenkins.
Jenkins, Ernest A., Waco, Tex. Slack adjusting device. 2,383,196; Aug. 21.
Jenkins, John D., Wilkinsburg, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticization of plastics. 2,379,236; June 26.
Jenkins, John D., Forest Hills, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Pigmentation of finely divided plastics. 2,379,237; June 26.
Jenkins, John D., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticization of plastics. 2,385,920; Oct. 2.
Jenkins, Robert B., Gastonia, N. C. Dynamically balancing cylinders. 2,386,470; Oct. 9.
Jenkins, Russell L., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of hydroxydiphenyls. 2,368,361; Jan. 30.

Jenkins, Russell L., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Liquid dielectric composition. 2,370,113; Feb. 20.
Jenkins, Vance N.: *See*—
Fischer, P. W., and Jenkins.
Jenkins, Vance N., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Diesel engine lubricating oil. 2,366,191; Jan. 2.
Jenkins, Willis W., assignor to Western Gear Works, Seattle, Wash. Chucking booster for turret lathes. 2,366,908; Jan. 9.
Jenkinson, Robert L., Teaneck, N. J., assignor to The Marlin Firearms Company, New Haven, Conn. Unloading magazines of firearms. 2,391,423; Dec. 25.
Jenks, Harold C., Cincinnati, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,389,364; Nov. 20.
Jennens, Arthur E.: *See*—
Shaub, F. G., and Jennens.
Jenner, Russell B., Reading, Mass., assignor to Cities Service Oil Company, New York, N. Y. Rope lubricating apparatus. 2,370,314; Feb. 27.
Jennings, Alfred J.: *See*—
Gocher, W. S., Jennings, and Langkammerer.
Jennings, Andrew B., New Brunswick, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye intermediates comprising bis-acylacetamides. 2,368,302; Jan. 30.
Jennings, Burgess H., and E. Bigg, Evanston, Ill., assignors to the Government of the United States of America, as represented by the Secretary of War and his successors. Method and apparatus for sterilizing air. 2,369,900; Feb. 20.
Jennings, Charles H.: *See*—
White, A. B., and Jennings.
Jennings, Emerson P.: *See*—
Wiechert, George A., assignor.
Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,385,001; Sept. 18.
Jennings, Paul G., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Geometrical instrument. 2,383,316; Aug. 21.
Jenny, Frank J., Forest Hills, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Manufacture of high octane gasoline. 2,369,237; Feb. 13.
Jenny, Robert W., and H. E. Gille, Jersey City, N. J., assignors to Wright Aeronautical Corporation. Hydraulic tappet. 2,386,317; Oct. 9.
Jensen, Adolph C.: *See*—
Ulfsby, N. J., and Jensen.
Jensen, Arthur: *See*—
Yerrick, W. D., and Jensen.
Jensen, Arthur E., Anaheim, Calif. Shaving machine. 2,371,242; Mar. 13.
Jensen, Dan H. L., and E. Harman, assignors, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Refrigerattion. 2,381,667; Aug. 7.
Jensen, Frank T., Dysart, Iowa. Page end indicator. 2,366,265; Jan. 2.
Jensen, Helge, Flushing, assignor to Cole Electric Products Co. Inc., Long Island City, N. Y. Electrical connector. 2,371,446; Mar. 13.
Jensen, Herman G.: *See*—
Kenney, W. M., and Jensen.
Jensen, Herman G., Chicago, and M. G. Nelsen, Skokie, assignors to J. P. Seeburg Corporation, Chicago, Ill. Remote control for phonographs. 2,378,557; June 19.
Jensen, James A., assignor to Philadelphia Valve Company, Philadelphia, Pa. Swing joint. 2,384,308. Sept. 4.
Jensen, James P., Bear River City, Utah. Portable beet thinner. 2,378,143; June 12.
Jensen, Kaj L., Edgware, England. Centrifugal governor. 2,374,434; Apr. 24.
Jensen, Martin, Port Washington, assignor to Langley Aviation Corporation, New York, N. Y. Making airplane structures. 2,388,485; Nov. 6.
Jensen, Paul J.: *See*—
Seager, J. C., and Jensen.
Jensen, Paul J., assignor to Niemand Bros. Inc., Long Island City, N. Y. Cosmetic holder. 2,368,045; Jan. 23.
Jensen, Lionel R., assignor to Geo. D. Roper Corporation, Rockford, Ill. Knurling machine. 2,379,718; July 3.
Jensen, Martin, assignor to Langley Aviation Corporation, New York, N. Y. Airplane. 2,381,596; Aug. 7.
Jensen, Oluf F., Council Bluffs, Iowa. Rotary steam engine. 2,386,318; Oct. 9.
Jensen, Otto G.: *See*—
Supplee, G. C., Jensen, and Flanigan.
Jenson, Peter W., Chelsea, Okla. Oil well pump. 2,372,785; Apr. 3.
Jensen, Thormod, Laurelton, N. Y., assignor to American Machine and Foundry Company. Tight-loose wrap mechanism. 2,382,420; Aug. 14.
Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Wrapping mechanism. 2,385,706; Sept. 25.
Jensen, Thormod, Laurelton, N. Y., assignor to American Machine and Foundry Company. Wrapping machine safety mechanism. 2,391,316; Dec. 18.
Jenson, Floyd W., Port Angeles, Wash. Fowl leg tendon extractor. 2,382,320; Aug. 14.
Jenson, Jens H., assignor of one-half to C. A. Barsness, Cyrus, Minn. Corn harvester. 2,366,408; Jan. 2.
Jepertinger, Richard C., now by change of name R. C. Jaye, assignor to Syncromatic Air Conditioning Corporation, Milwaukee, Wis. Furnace. 2,379,083; June 26.
Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Toaster. 2,368,026; Jan. 23.
Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shaving implement. 2,370,542; Feb. 27.
Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shaving implement. 2,370,543; Feb. 27.
Jepson, Ivar, and T. C. Whiting, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Shaving implement. 2,370,544; Feb. 27.
Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Convection heater. 2,372,832; Apr. 3.
Jepson, Percy, Oakland, Calif. Locking pin. 2,370,171; Feb. 27.
Jepson, Percy, Oakland, assignor to Pacific Machinery Company, San Francisco, Calif. Continuous peach pitter. 2,380,530; July 31.
Jeremiassen, Finn, Oslo, Norway; vested in the Alien Property Custodian. Treatment of solutions to obtain solid matter therefrom. 2,375,922; May 15.
Jerger, Joseph: *See*—
Page, G. A., Jr., Jerger, Rugge, and Watson.
Jerguson Gage & Valve Co.: *See*—
Van Ham, Ernest E., assignor.
Winton, Lewis B., assignor.
Jernigan, Lee, Portland, Oreg. Ejector and guard for chuck keys. 2,388,414; Nov. 6.
Jernstedt, George W., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective transparent coatings. 2,390,791; Dec. 11.
Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,368,762; Feb. 6.
Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,369,053; Feb. 6.
Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,372,580; Mar. 27.
Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuits. 2,376,967; May 29.
Jerome, Arthur L., Edgewood, and L. V. Lewis, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,387,152; Oct. 16.
Jerome, Arthur L., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded railway signaling system. 2,389,982; Nov. 27.
Jerry, Carl R., assignor to Shuron Optical Company, Inc., Rochester, N. Y. Spectacle case. 2,376,487; May 22.
Jesionowski, John, Hartford, Conn. Machine tool. 2,370,041; Feb. 20.
Jesionowski, John, Hartford, Conn. Vise. 2,370,042; Feb. 20.
Jespersen, Helgo W., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Power transmission device. 2,390,792; Dec. 11.
Jess, Alexander M., Portland, Oreg. Coffee container and measure. 2,372,278; Mar. 27.
Jessen, Heinrich C., Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Calcining process and apparatus. 2,383,254; Aug. 21.
Jessen, Le Roy S., Dayton, Ohio. Emergency cable-cutter. 2,385,813; Oct. 2.
Jessen, Le Roy S., Dayton, Ohio. Tow target releasing device. 2,390,538; Dec. 11.
Jesson, Walter F., Walsall, England, assignor to Imperial Chemical Industries Limited. Apparatus for the treatment of metal and like articles with liquids or vapors for degreasing. 2,385,860; Oct. 2.
Jessop, William, & Sons Limited: *See*—
Oliver, Donald A., assignor.
Jessup, Morris K.: *See*—
Haberstump, A. H., Jessup, and Wolofski.
Jessup, Sellers E., Los Angeles, Calif. End piston ring. 2,367,030; Jan. 9.
Jessup, Sellers E., Los Angeles, Calif. Compressing fluid. 2,391,163; Dec. 18.
Jester, Perry W., Portland, Oreg. Handle. 2,372,954; Apr. 3.
Jette, Eric R.: *See*—
Gregg, J. L., and Jette.
Jeuck, Francis J.: *See*—
Rietz, C. A., and Jeuck.
Jeuck, Francis J., Chicago, and C. A. Rietz, Park Ridge, Ill., assignors to Interchemical Corporation, New York, N. Y. Printing inks. 2,390,102; Dec. 4.
Jewell, Howard W., Los Angeles, Calif. Pipe joint and device therefor. 2,386,865; Oct. 16.

Jewell, Joseph W., Summit, G. D. Creelman, Mountain Lakes, N. J., and W. H. Borcherding, New York, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,385,446; Sept. 25.

Jewell, Richard G., Swampscott, Mass., assignor to General Electric Company. Telemetering system and apparatus. 2,380,242; July 10.

Jewett, Clifford L., Minneapolis, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Silicate cement, particularly useful as a coating. 2,378,927; June 26.

Jewett, Clifford L., Minneapolis, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored granulated material. 2,379,358; June 26.

Jewett, John L: *See*—
Trotter, J. C., and Jewett.

Jewitt, Dennis E., Rugby, England, assignor to General Electric Company. Power transmitting apparatus. 2,380,243; July 10.

Jiggers, Inc: *See*—
Burrell, Ellis B., assignor.

Joachimi, Jacob, Snyder, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Punch and die unit. 2,373,962; Apr. 17.

Joachim, Joseph G., assignor to Ferro Stamping & Manufacturing Company. Latch. 2,382,062; Aug. 14.

Jobe, Frederick W., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Visual acuity testing means. 2,385,992; Oct. 2.

Jobert, Arthur H.: *See*—
Montgomery, D. H., and Jobert.

Jobin, Bernard, Arlesheim, near Basel, assignor to Société Suisse d'Electricité et de Traction, Basel, Switzerland. Electric signaling plant for vehicle traffic. 2,386,866; Oct. 16.

Jobst, Conrad, Toledo, Ohio. Injection molding machine. 2,372,833; Apr. 3.

Jocelyn, Dorothy G.: *See*—
Jocelyn, Douglas L., assignor.

Jocelyn, Douglas L., assignor of fifty per cent to D. G. Jocelyn, Detroit, Mich. Aircraft engine. 2,384,381; Sept. 4.

Jochum, William T., Manhattan Beach, Calif. Method and apparatus for navigating aircraft. 2,370,966; Mar. 6.

Jofeh, Lionel: *See*—
Bedford, L. H., Jofeh, and Stevens.

Johansen, Einar K., assignor to Clearing Machine Corporation, Chicago, Ill. Pump. 2,379,156; June 26.

Johanson, Adolph T., Glenview, assignor of one-half to M. E. Page, Jr., Chicago, Ill. Furnace. 2,388,976; Nov. 13.

Johanson, Casimir V.: *See*—
Timmerman, P. E., and Johanson.

Johanson, Edla, White Plains, N. Y. Shoulder support for brassières. 2,386,557; Oct. 9.

Johanson, Magnus H., assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,373,187; Apr. 10.

Johanson, Nils A., Clifton, N. J. Attachment for milling machines and the like. 2,372,000; Mar. 20.

Johanson, Stig B. H.: *See*—
Groth, B. S., and Johanson.

Johansson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Meter box and the like. 2,367,127; Jan. 9.

Johansson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Meter mounting. 2,370,043; Feb. 20.

Johansson, Ernest G., Belmont, Mass., and A. A. Young, Manchester, N. H., assignors to Anchor Manufacturing Company, Boston, Mass. Equipment for electrical installations. 2,372,083; Mar. 20.

Johansson, Johan E., assignor to Aktiebolaget Gotaverken, Gothenburg, Sweden. Adjustable liquid fuel burner. 2,374,290; Apr. 24.

Johansson, Sven G.: *See*—
Crist, P. W., and Johansson.

John, B. T., Furniture Corporation: *See*—
Pfenning, Henry D., assignor.

John, Edward T., Minneapolis, Minn. Ladder hook. 2,388,415; Nov. 6.

John, Edward T., assignor to The J. R. Clark Company, Minneapolis, Minn. Folding clothes rack. 2,388,637; Nov. 6.

John, Paul, Jr.: *See*—
Traxler, J. G., and John.

Johns, Harold C., et al.: *See*—
Root, Joseph M., assignor.

Johns-Manville Corporation: *See*—
Atchison, Thomas C., assignor.
Barbehenn, Ralph L., assignor.
Brown, George B., assignor.
Christenson, George, assignor.
Coss, Harold T., assignor.
Coss, H. T., Pearce, and Downsbrough, assignors.
Cummins, Arthur B., assignor.
Dinkfeld, August M., assignor.
Driscoll, James, assignor.
Driscoll, J., and Poltorak, assignors.
Freeman, F. C., and Rieger, assignors.
Hawthorne, Louis A., assignor.
Kieselbach, H. A., and Williams, assignors.
Leistensnider, G. P., and Koch, assignors.

Johns-Manville Corporation: *See*—Continued
Leistensnider, G. P., and Rinehart, assignors.
McDermott, Paul F., assignor.
Miles, W. S., and Voigt, assignors.
Pearce, Gale T., assignor.
Pearce, G. T., and Rhodes, assignors.
Powell, Edward R., assignor.
Quinn, Robert G., assignor.
Rembert, Ernest W., assignor.
Rembert, E. W., Winter, and Reinecker, assignors.
Rinehart, Harry H., assignor.
Smolak, George, assignor.

Johns, Virginia, et al.: *See*—
Root, Joseph M., assignor.

Johnsen, Iver, Jr., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Vehicle framing post construction. 2,379,640; July 3.

Johnsen, Richard C.: *See*—
Smith, H. C., and Johnsen.

Johnson, Aaron D., Brecksville, Ohio., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes and products. 2,381,960; Aug. 14.

Johnson, Aaron D., Brecksville, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal cleaning composition. 2,383,800; Aug. 28.

Johnson, Albert L., and S. A. Kraft, assignors to Johnson Power-On Transmission Corporation, St. Paul, Minn. Clutch device. 2,380,445; July 31.

Johnson, Albert M., et al.: *See*—
Holmes, Louis W., assignor.

Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Indexing mechanism for machine tables. 2,389,668; Nov. 27.

Johnson, Alexander H., Chicago, Ill., assignor of three-tenths to F. T. Johnson, Milwaukee, Wis., one-fifth to R. J. Johnson, and one-fifth to J. J. Johnson, Chicago, Ill. Bottle stopper. 2,370,732; Mar. 6.

Johnson, Alfred, Buffalo, N. Y. Electrical pickup for wind instruments. 2,383,553; Aug. 28.

Johnson, Algot T., Jamestown, N. Y. Screw driver. 2,378,775; June 19.

Johnson, Alice E., Garberville, Calif. Slide fastener tab locking device. 2,383,197; Aug. 21.

Johnson, Allen O., and H. W. Elsner, Burbank, Calif. V-belt clutch assembly. 2,485,360; Sept. 25.

Johnson, Almon A.: *See*—
Lassen, E. U., and Johnson.

Johnson, Anton E., deceased, by J. H. Johnson, administratrix, assignor, by mesne assignments, to M. Dysthe, Minneapolis, Minn. Variable speed control for the transmission of power. 2,377,013; May 29.

Johnson, Arnold E. W., Oak Park, and R. B. Hitchcock, Evanston, Ill., assignors to International Harvester Company. Mounting for implement lifts. 2,376,541; May 22.

Johnson, Arnold E. W., Oak Park, J. R. Orelind, Wilmette, and H. P. Smith, Canton, Ill., assignors to International Harvester Company. Repair apparatus for vehicles. 2,380,313; July 10.

Johnson, Arthur E., Taft, Calif. Rotary tool booster. 2,390,714; Dec. 11.

Johnson, Ava J., Oakland, assignor to Shell Development Company, San Francisco, Calif. Separation of acidic gases from fluids. 2,368,595; Jan. 30.

Johnson, Bernard C., Libertyville, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Making evaporators. 2,377,557; June 5.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Apparatus for removing corners. 2,377,558; June 5.

Johnson, Bernard C., Mundelein, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator unit. 2,386,613; Oct. 9.

Johnson, Bertha, Nashville, Tenn. Fastener for cold wave rollers. 2,386,612; Oct. 9.

Johnson, Boyd M.: *See*—
Clapp, C. P., and Johnson.

Johnson, Carl E., Leicester, and D. M. Clark, assignors to David Clark Company, Inc., Worcester, Mass. Fabric and making the same. 2,372,497; Mar. 27.

Johnson, Carl G., Chicago, Ill., assignor to J. P. Seeburg Corporation. Phonograph recorder. 2,375,658; May 8.

Johnson, Carl G., assignor to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,378,086; June 12.

Johnson, Carl W.: *See*—
Neumair, J. A., and Johnson.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Sewing machine. 2,368,066; Jan. 23.

Johnson, Carl W., Brooklyn, and J. A. Neumair, Hollis, N. Y., assignors to American Machine & Foundry Co. Combined tie folding and slip stitch sewing machine. 2,383,654; Aug. 28.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Sewing machine. 2,386,800; Oct. 16.

Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company. Special stitch sewing machine. 2,389,151; Nov. 20.

Johnson, Carle A., Laconia, N. H. Motorcycle fluid drive. 2,387,076; Oct. 16.

Johnson, Cecil E., New York, N. Y., assignor to Reddir, Inc., Wilmington, Del. Package and wrapper. 2,368,140; Jan. 30.
Johnson, Charles F., Whittier, Calif., assignor to Reed Roller Bit Company, Houston, Tex. Valve. 2,385,993; Oct. 2.
Johnson, Charles J., Sacramento, Calif. Power actuated pruning shears. 2,366,909; Jan. 9.
Johnson, Charles R.: *See*—
Handforth, S. L., and Johnson.
Johnson, Charles R., Glenn Mills, Pa., and R. R. Nydegger, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for extrusion of organic materials. 2,370,469; Feb. 27.
Johnson, Charles R., Glenn Mills, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Detonating fuse. 2,380,312; July 10.
Johnson, Charles S., Albany, Ga., assignor of fifty per cent to H. H. Williamson. Thief signal. 2,385,707; Sept. 25.
Johnson, Charles W., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del Polyvinyl acetal composition and cement. 2,384,034; Sept. 4.
Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Duplicator for machine tools. 2,372,426; Mar. 27.
Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,372,427; Mar. 27.
Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,372,428; Mar. 27.
Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,387,075; Oct. 16.
Johnson, Clarence, South Euclid, Ohio, assignor to Bailey Meter Company. Machine tool control. 2,389,731; Nov. 27.
Johnson, Clarence D., assignor of one-half to W. P. Stephenson and one-half to A. E. Stephenson, Bastrop, La. Jack attachment. 2,383,061; Aug. 21.
Johnson, Clarence W., and J. G. Sterling, Chicago, and M. H. and R. T. Wright, Lake Bluff, Ill., assignors to Stenographic Machines, Inc. Ribbon feeding mechanism for stenographic machines. 2,387,330; Oct. 23.
Johnson, Clifford E., Medway, and C. R. Elliott, Dayton, Ohio. Gun cocking device. 2,386,801; Oct. 16.
Johnson, Cornelius L.: *See*—
Pardey, G. H., and Johnson.
Johnson Corporation, The: *See*—
Monroe, Rollo O., assignor.
Monroe, R. O., and Clayton, assignors.
Johnson, Corydon M., Freeport, N. Y. Fastener. 2,369,297; Feb. 13.
Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Holdfast means for screw bolts. 2,379,804; July 3.
Johnson, Dwight A., assignor to The McKay Machine Company, Youngstown, Ohio. Burr removing tool. 2,379,238; June 26.
Johnson, Earl S.: *See*—
Schramm, Roy A., assignor.
Johnson, Edgar B.: *See*—
Roberts, R. P., Johnson, and Young.
Johnson, Edward D., Detroit, Mich., assignor to Wagner Electric Corporation, St. Louis, Mo. Control valve mechanism. 2,366,192; Jan. 2.
Johnson, Edwin B., Chicago, Ill. End load brace. 2,369,784; Feb. 20.
Johnson, Ellsworth T.: *See*—
Coultas, W. J., Johnson, and Walker.
Johnson, Elmer E.: *See*—
Bolley, H. C., and Johnson.
Johnson, Elmer E., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Ignition switch. 2,378,853; June 19.
Johnson, Enoch B., and A. A. Kaehler, Red Wing, Minn. Concrete wall building block. 2,383,317; Aug. 21.
Johnson, Ernest H.: *See*—
Bullard, E. P., III, Appelberg, and Johnson.
Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,367,281; Jan. 16.
Johnson, Everett A., Park Ridge, assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion system. 2,379,966; July 10.
Johnson Fare Box Company: *See*—
Thompson, Ernest H., assignor.
Johnson, Floyd D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,376,774; May 22.
Johnson, Floyd D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical testing equipment. 2,376,775; May 22.
Johnson, Francis, Detroit, Mich. Shaper tool post holddown. 2,388,547; Nov. 6.
Johnson, Frank B.: *See*—
Stahly, E. E., and Johnson.
Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. Re. 22,618; Mar. 13.
Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cable clamp. 2,373,833; Apr. 17.
Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Adjustable rotary operative fastener stud. 2,378,638; June 19.
Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable cowl fastener. 2,380,895; July 31.
Johnson, Frank W.: *See*—
Carter, A. S., and Johnson.
Johnson, Frederick T., et al.: *See*—
Johnson, Alexander H., assignor.
Johnson, Frederick W., East Orange, N. J. Self-locking stud or the like. 2,386,897; Oct. 16.
Johnson, Frithiof V.: *See*—
Jordan, W. B., and Johnson.
Johnson, Frithiof V., Schenectady, N. Y., assignor to General Electric Company. System for the transmission of angular motions. 2,388,977; Nov. 13.
Johnson, George A., et al., trustees: *See*—
Geiger, William A., assignor.
Johnson, George A., trustee, et al.: *See*—
Geiger, William A., assignor.
Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Lift truck. 2,387,077; Oct. 16.
Johnson, Grover C., and J. W. Hathaway, Sr., assignors to Buffalo Compressor and Air Conditioning Corporation, Buffalo, N. Y. Hydraulic gas compressor. 2,382,421; Aug. 14.
Johnson, Gustav W., Chippewa Falls, Wis. Hooking bob. 2,374,752; May 1.
Johnson, Guy D., Jr., and K. J. Matzinger, Detroit, Mich. Equipment for testing shields. 2,378,928; June 26.
Johnson, Halex, Massapequa, assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Apparatus for testing bonds in laminated metallic articles. 2,386,319; Oct. 9.
Johnson, Harold E., Lynn, Mass., assignor to General Electric Company. Coil winding. 2,374,018; Apr. 17.
Johnson, Harold G., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Rubber lubricant. 2,389,855; Nov. 27.
Johnson, Harold R., Mishawaka, Ind. Chip breaker. 2,375,367; May 8.
Johnson, Harry E., Philadelphia, Pa. Ski and making same. 2,375,994; May 15.
Johnson, Harry O., and M. O'Hare, Donora, Pa., assignors to The American Steel and Wire Company of New Jersey. Water cooled spark plate and rail for pig casting machines. 2,389,983; Nov. 27.
Johnson, Harry O., and M. O'Hare, Donora, Pa., assignors to The American Steel and Wire Company of New Jersey. Valve. 2,390,150; Dec. 4.
Johnson, Herbert F., et al.: *See*—
Stein, Elmer L., assignor.
Johnson, Herbert L., Peabody, Mass. Apparatus for forming sheet metal. 2,370,666; Mar. 6.
Johnson, Ira E.: *See*—
Hicks, H. A., Johnson, and Ross.
Johnson, James M., New York, N. Y. assignor to Nostrip Inc. Bitumen treating agent. 2,386,867; Oct. 16.
Johnson, James P., and A. H. Tidd, Cleveland, assignors to The Aro Equipment Corporation, Bryan, Ohio. Gas regulator. 2,383,801; Aug. 28.
Johnson, James P., Cleveland, assignor to The Aro Equipment Corporation, Bryan, Ohio. Adjustable nut lock. 2,390,838; Dec. 11.
Johnson, James S., Pasadena, Calif. Floor furnace. Re. 22,624; Mar. 27.
Johnson, John A.: *See*—
Kyle, A., and Johnson.
Johnson, John B., assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge. 2,378,223; June 12.
Johnson, John C., Boswell, Ind., and W. R. Milner, Burlingame, Calif. Power shovel. 2,377,786; June 5.
Johnson, John F., Jr., North East, assignor to Triumph Explosives, Inc., Elkton, Md. Volumetric measuring machine. 2,367,031; Jan. 9.
Johnson, John L., Pinehurst, Wash. Camera support. 2,369,829; Feb. 20.
Johnson, John M., Lindsborg, and F. M. Straka, McPherson, Kans. Turning device for the wheels of an aircraft landing gear. 2,382,321; Aug. 14.
Johnson & Johnson: *See*—
Stonehill Albert A., assignor.
Wenzelberger, Elwood P., assignor.
Johnson, Joseph H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Profiling attachment for lathes. 2,375,368; May 8.
Johnson, Joseph J., et al.: *See*—
Johnson, Alexander H., assignor.
Johnson, Joseph S., Logan, Utah. Hay fork. 2,387,996; Oct. 30.
Johnson, Julius W., Austin, Tex., Sucker rod connection. 2,382,422; Aug. 14.
Johnson, June H., administratrix: *See*—
Johnson, Anton E.
Johnson, Keith W., Washington, D. C. Balancing toy. 2,389,365; Nov. 20.
Johnson, Kenneth C.: *See*—
Fox, A. L., and Johnson.

Johnson, Kenneth L., Allison Park, Pa., assignor to Hubbard & Company. Cushioned tie plate. 2,377,942; June 12.

Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone station circuit. 2,375,791; May 15.

Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,387,269; Oct. 23.

Johnson Laboratories, Inc.: *See*—
McClellan, George B., assignor.

Johnson, Lambert L., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Voltage regulator. 2,377,500; June 5.

Johnson, Lane, Jr., and M. D. Stone, assignors to United Engineering and Foundry Company, Pittsburgh, Pa. Strip handling apparatus. 2,369,830; Feb. 20.

Johnson, Laney N., Columbus, Ga. Internal-combustion engine. 2,369,738; Feb. 20.

Johnson, Lewis H., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,373,188; Apr. 10.

Johnson, Louis G., Gerrards Cross, and A. G. Rose, said Rose assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Apparatus for training gunners. 2,387,153; Oct. 16.

Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake hanger retainer. 2,373,895; Apr. 17.

Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake head and brake beam adapter. 2,382,794; Aug. 14.

Johnson, Manfred J., New Haven, Conn., assignor to The United States Time Corporation. D'Arsonval-type electrical measuring instrument. 2,371,299; Mar. 13.

Johnson, Manfred J., New Haven, Conn., assignor to The United States Time Corporation. Time-train unit for clocks and the like. 2,383,391; Aug. 21.

Johnson, Melvin M., et al.: *See*—
Johnson, Melvin M., Jr., assignor.

Johnson, Melvin M., et al., trustees: *See*—
Johnson, Melvin M., Jr., assignor.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, E. E. Rice, Boston, and himself, as trustees of the Johnson Patent Trust, Boston, Mass. Firearm. 2,377,692; June 5.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, M. M. Johnson, Jr., and E. E. Rice, as trustees of the Johnson Patent Trust, Boston, Mass. Automatic gun. 2,383,487; Aug. 28.

Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, and M. M. Johnson, Jr., and E. E. Rice, as trustees of the Johnson Patent Trust, Boston, Mass. Firearm foregrip. 2,386,802; Oct. 16.

Johnson, Mont C., Winterset, Iowa. Casing centering device. 2,388,416; Nov. 6.

Johnson, Morris T., Milwaukee, Wis. Apparatus for attaching adhesive tape to masking paper. 2,374,103; Apr. 17.

Johnson, Norman G.: *See*—
Chapman, F. F., Johnson, and Loving.

Johnson, Olaf A., Irondequoit, assignor to Gleason Works, Rochester, N. Y. Cutter testing device. 2,372,279; Mar. 27.

Johnson, Oliver H.: *See*—
Lulek, R. N., and Johnson.

Johnson, Oliver W.: *See*—
Papalexis, J., and Johnson.

Johnson, Otto W., Oakland, Calif. Pump. 2,375,923; May 15.

Johnson Patent Trust: *See*—
Johnson, Melvin M., Jr.
Johnson, Melvin M., Jr., assignor.

Johnson, Philip H., assignor to Roadless Traction Limited, Hounslow, England. Endless track for vehicles. 2,370,667; Mar. 6.

Johnson Power-On Transmission Corporation: *See*—
Johnson, A. L., and Kraft, assignors.

Johnson, Raymond J., et al.: *See*—
Johnson, Alexander H., assignor.

Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Optical record interpreter. 2,390,439; Dec. 4.

Johnson, Richard J., San Francisco, Calif. Socket wrench. 2,381,597; Aug. 7.

Johnson, Robert A., Longmeadow, Mass. Machine tool. 2,388,265; Nov. 6.

Johnson, Ross M.: *See*—
Morgan, Leo, and Johnson.

Johnson, Roy W., Milwaukee, Wis., and J. Miller, Lansing, Mich., assignors to Automatic Products Company, Milwaukee, Wis. Oil control device. 2,369,739; Feb. 20.

Johnson, Roy W., and L. V. McCarty, assignors to Automatic Products Company, Milwaukee, Wis. Strainer. 2,369,740; Feb. 20.

Johnson, Roy W., Milwaukee, Wis. Burner control. 2,378,483; June 19.

Johnson, Roy W., and C. E. Zarwell, assignors to Automatic Products Company, Milwaukee, Wis. Liquid fuel feeding mechanism. 2,381,756; Aug. 7.

Johnson, Russell W., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,368,027; Jan. 23.

Johnson, Seth, Farmingdale, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,375,924; May 15.

Johnson, Seth, Farmingdale, and E. Schenk, New York, N. Y., assignors to Republic Aviation Corporation. Aircraft structure. 2,375,925; May 15.

Johnson, Stanley G., Grosse Pointe, assignor to The Burkhardt Company, Detroit, Mich. Post binder. 2,383,062; Aug. 21.

Johnson, Stanley T., assignor to Aviation Developments Limited, Welwyn Garden City, England. Tubular rivet. 2,366,965; Jan. 9.

Johnson, Thad C., Clinton, S. C. Steam generator. 2,391,628; Dec. 25.

Johnson, Theodore L., St. Louis, Mo. Construction of striking implements. 2,379,006; June 26.

Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Cultivator and planting attachment therefor. 2,375,850; May 15.

Johnson, Theron W., Bay Pines, Fla. Cap. 2,373,399; Apr. 10.

Johnson, Thor S., trustee, et al.: *See*—
Walliser, Robert E., assignor.

Johnson, Tomlinson F., Atlanta, Ga. Hook and latch for line implements. 2,385,708; Sept. 25.

Johnson, Wallace J. S., Berkeley, Calif., assignor, by mesne assignments, to Kearney & Trecker Products Corporation, Milwaukee, Wis. Jig boring machine. 2,383,655; Aug. 28.

Johnson, Warren C., Cedar Rapids, Iowa, and D. Kirk, Chicago, Ill., assignors by mesne assignments, to Quaker Oats Company. Carton closing device. 2,391,708; Dec. 25.

Johnson, William B., U. S. Army, Baltimore, Md. Nozzle. 2,370,668; Mar. 6.

Johnson, William B., U. S. Army. Container vent. 2,373,118; Apr. 10.

Johnson, William B., U. S. Army, Easley, S. C. Container. 2,387,270; Oct. 23.

Johnson, William B., Wheaton, assignor to The Bastian-Blessing Company, Chicago, Ill. Thread cutter. 2,379,908; July 10.

Johnson, William J., Dayton, Ohio. Union tube connection locking nut. 2,390,103; Dec. 4.

Johnson's Company: *See*—
Pharo, Lee C., assignor.

Johnsson, Thure A., assignor to Kooperativa Förbundet Förening U. P. A., Stockholm, Sweden. Device for obtaining juice by means of steam. 2,368,141; Jan. 30.

Johnston, Alan C., Washington, D. C., assignor to Hercules Powder Company, Wilmington, Del. Treatment of terpene alcohols. 2,366,409; Jan. 2.

Johnston, Alexander, and G. C. Le Compte, Arlington, Va., assignors to United States of America, as represented by the Secretary of Agriculture. Wool sampler. 2,378,484; June 19.

Johnston, Arthur J., Park Ridge, assignor to C. P. Clare & Co., Chicago, Ill. Relay. 2,385,994; Oct. 2.

Johnston, Charles S., Glencoe, assignor to Transportation Specialties Co., Chicago, Ill. Screen for refrigerator cars. 2,385,760; Sept. 25.

Johnston, Douglas, Shelbyville, Ill. Deep well pump. 2,384,173; Sept. 4.

Johnston, Edward A., Los Angeles, Calif., assignor to International Harvester Company. Agricultural implement. 2,379,805; July 3.

Johnston, Edwin S., Mattoon, assignor of one-half to J. L. Green, Vandalia, Ill. Protecting cover for safety razors. 2,372,280; Mar. 27.

Johnston, Fred E., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Fixed loop antenna mounting. 2,375,418; May 8.

Johnston, Fulton L., East Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Organic detergents for lubricating oil. 2,371,333; Mar. 13.

Johnston, Fulton L., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Lubricating oil composition. 2,372,955; Apr. 3.

Johnston, Fulton L., East Alton, and N. B. Wilson, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Removing dispersed Friedel-Crafts sludge. 2,368,596; Jan. 30.

Johnston, Gerald G.: *See*—
Guyer, R., and Johnston.

Johnston, Harry B., Baldwin Park, Calif. Piston and piston ring. 2,376,147; May 15.

Johnston, Harry B., Baldwin Park, Calif. Piston and piston ring. 2,376,148; May 15.

Johnston, Harry L., Ames, Iowa. Protective goggle. 2,368,303; Jan. 30.

Johnston, Howard M., assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Hammer mill. 2,376,361; May 22.

Johnston, James D., Smackover, Ark. Oil well bailer. 2,371,824; Mar. 20.

Johnston & Jennings Company, The: *See*—
Wallene, Frank O., assignor.

Johnston, John: *See*—
Percy, J. W., Johnston and Sosman, assignors.

Johnston, John M., Hillside, N. J. Holding device. 2,385,709; Sept. 25.

Johnston, John O., Irvington, N. J. Retractable line appliance. 2,383,802; Aug. 28.

Johnston, M. O., Oil Field Service Corporation: *See*— Phipps, John T., assignor.
Johnston, Mildred C., et al.: *See*— Clavering, Gunnar, assignor.
Johnston, Mordica O., and T. A. Andrew, Glendale, and A. M. Graham and W. G. L. Smith, Los Angeles, Calif. Open hole sleeve packer. 2,390,372; Dec. 4.
Johnston, Perry, Ford City, assignor to Pittsburgh Plate Glass Company, Allegheny, Pa. Making lens blanks. 2,373,246; Apr. 10.
Johnston, Robert H., Harpenden, England. Gearing for steering mechanically propelled vehicles and for other purposes. 2,377,559; June 5.
Johnston, Samuel A., Delavan, Wis., assignor to George W. Borg Corporation, Chicago, Ill. Automatic battery charging system. 2,390,151; Dec. 4.
Johnston, Walter W., and R. H. Howe, U. S. Navy. Voltage regulator. 2,373,119; Apr. 10.
Johnston, William E., Weatogue, assignor to The Gray Manufacturing Company, Hartford, Conn. Sound recording and reproducing machine. 2,391,784; Dec. 25.
Johnston, William S., New York, N. Y. Fishing and fish processing ship. 2,377,693; June 5.
Johnstone, Harold G., Oak Park, Ill., assignor to Western Electric Company, Inc., New York, N. Y. Computing system. 2,366,193; Jan. 2.
Johnstone, Robert A., Cincinnati, Ohio. Adjusting device for motor brackets. 2,368,362; Jan. 30.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Removable core cylinder. 2,370,862; Mar. 6.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Keyhole cover. 2,388,228; Oct. 30.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Removable core cylinder. 2,391,832; Dec. 25.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Removable core cylinder. 2,391,833; Dec. 25.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Cylinder lock. 2,391,834; Dec. 25.
Joiner, Sylvester L., Sweetwater, Tex. Combined closure and air hose dummy. 2,387,448; Oct. 23.
Jolly, Samuel E., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Lubricant. 2,380,531; July 31.
Jonas, Julius, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Earth fault protection arrangement. 2,381,668; Aug. 7.
Jonas, Julius, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Electron discharge device. 2,386,400; Oct. 9.
Jones, Alan E., assignor to British Insulated Cables Limited, Prescot, England. Preparation of diamond dies for wire drawing. 2,385,137; Sept. 18.
Jones, Alfred R., Burlington, Ontario, Canada. Door latch and lock. 2,368,840; Feb. 6.
Jones, Alvin J., assignor to Landis Tool Company, Waynesboro, Pa. Chuck. 2,389,366; Nov. 20.
Jones, Arthur D.: *See*— Crawford, J. W. C., and Jones.
Jones, Basil E.: *See*— Tully, J. K., Andersen, and Jones.
Jones, Bliss M., assignor to Rodney Hunt Machine Company, Orange, Mass. Drying and conditioning apparatus. 2,373,896; Apr. 17.
Jones, Bobby F., Lexington, Ky. Thresher. 2,387,796; Oct. 30.
Jones, Bolling, Jr.: *See*— White, R. H., Hodgson, Jones, and White.
Jones, Carl G., Youngstown, Ohio. Rolling sheet metal. 2,385,627; Sept. 25.
Jones, Cecil E.: *See*— Huston, W. M., and Jones.
Jones, Cecil E., Lima, Ohio. Power shovel dipper door latch. 2,376,597; May 22.
Jones, Charles, Warrington, assignor to Hanson & Edwards Limited, Warrington, Lancashire, England. Tubular wire stranding machine. 2,371,523; Mar. 13.
Jones, Charles G., and W. F. Van de Venter, Louisville, Ky., assignors to General Box Company, Chicago, Ill. Reinforced shipping container and making same. 2,366,532; Jan. 2.
Jones, Charles L.: *See*— Wood, C. M., and Jones.
Jones, Charles S., Los Angeles, Calif. Portable compressed air tank tire inflator. 2,384,174; Sept. 4.
Jones, Chas. E., et al.: *See*— Williams, Dan T., assignor.
Jones, Clarence R.: *See*— Orme, G. L., Jones, and Fletcher.
Jones, Clifford E., Peru, Ind. Mail box. 2,390,715; Dec. 11.
Jones, Cyril E. P., Harrogate, and J. W. Hotham, Harrow, England, assignors to Automatic Electric Laboratories Inc., Chicago, Ill. Electrical timing arrangement. 2,373,247; Apr. 10.
Jones, David G.: *See*— Bremner, J. G. M., Stanley, Jones, and Taylor.
Jones, Don F., assignor to Motor Wheel Corporation, Lansing, Mich. Forced air circulator for furnaces. 2,370,795; Mar. 6.
Jones, Don F., J. W. Miller, and B. D. Figg, assignors to Motor Wheel Corporation, Lansing, Mich. Heating apparatus. 2,378,485; June 19.
Jones, Donald D.: *See*— De Roche, D. R., and Jones.
Jones, Edwin A., Webster Groves, assignor to Majestic Manufacturing Company, St. Louis, Mo. Griddle construction. 2,370,863; Mar. 6.
Jones, Eldon M.: *See*— Crooks, H. M., Jr., and Jones.
Jones, Elizabeth T., administratrix: *See*— Jones, Karl M.
Jones, Ernest G., and G. O. Leach, Seattle, Wash. Hot top. 2,390,373; Dec. 4.
Jones, Frank A.: *See*— Meyer, J. J., and Jones.
Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Side delivery rake. 2,370,355; Feb. 27.
Jones, Frank L., Edgewood, Pa., and T. J. Zak, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Transmission film for glass and producing same. 2,369,741; Feb. 20.
Jones, Franklin D., Upper Darby, assignor to American Chemical Paint Company, Ambler, Pa. Methods and compositions of killing weeds. 2,390,941; Dec. 11.
Jones, Frederick M., Minneapolis, Minn., assignor to U. S. Thermo Control Company. Two-cycle gas engine. 2,376,968; May 29.
Jones, George B., Caspar, Calif. Bark peeling machine. 2,380,049; July 10.
Jones, George D., Skelton, W. Va. Knee rest for crutches. 2,378,486; June 19.
Jones, Grinnell, and W. Juda, Cambridge, Mass., assignors to Albi Chemical Corporation, New York, N. Y. Fire retarding impregnating composition for wood. 2,386,471; Oct. 9.
Jones, Harry S., Arlington, Va., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,367,868; Jan. 23.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,367,869; Jan. 23.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,376,488; May 22.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,376,598; May 22.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,376,599; May 22.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Thermocouple. 2,381,058; Aug. 7.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,385,447; Sept. 25.
Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,390,793; Dec. 11.
Jones, Harry S., assignor to The Brown Instrument Company, Philadelphia, Pa. Air control instrument. 2,369,571; Feb. 13.
Jones, Harry S., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Fire alarm system. 2,376,920; May 29.
Jones, Homer W., Westfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowtorch. 2,379,967; July 10.
Jones, Howard A.: *See*— Hall, S. A., Travis, and Jones.
Jones, Hugh H., Birmingham, Ala., assignor to Hugh Jones Products Company. Cleaning and lubricating emulsion. 2,388,153; Oct. 30.
Jones, Insley P.: *See*— Willauer, E. E., and Jones.
Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Locking mechanism for file drawers. 2,379,157; June 26.
Jones, Jean P.: *See*— Frey, F. E., and Jones. Oberfell, G. G., and Jones.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Diolefin production. 2,376,059; May 15.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of motor fuel. 2,376,060; May 15.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of low-boiling diolefins. 2,376,061; May 15.
Jones, Jean P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of motor fuel. 2,389,984; Nov. 27.
Jones, John W.: *See*— Bruni, R. H., and Jones.
Jones, John W., Jr., Los Angeles, Calif., assignor to Radio Corporation of America. Sound reproducer test method and system. 2,375,111; May 1.
Jones, John W., Jr., Los Angeles, Calif., assignor to Radio Corporation of America. Film marking system. 2,385,861; Oct. 2.

Jones, Joseph W., New York, N. Y. Aircraft identifying and range estimating trainer. 2,381,757; Aug. 7.
Jones, Karl M., deceased, Montclair, N. J.; E. T. Jones, administratrix. Nut cracking device. 2,381,288; Aug. 7.
Jones, Kenneth L., Lansing, assignor to General Motors Corporation, Detroit, Mich. Lighting system. 2,381,169; Aug. 7.
Jones & Lamson Machine Company: *See*—
Flanders, Ralph E., assignor.
Holmes, Morris P., assignor.
Johnson, Joseph H., assignor.
Lovely, John E., assignor.
Jones & Lamson Machine Company, et al.: *See*—
Ross, Walter F., assignor.
Jones, Leo D., Philadelphia, and W. H. Bath, West Conshohocken, Pa. Centrifugal separator. 2,370,315; Feb. 27.
Jones, Leon H., Norfolk, Va. Locomotive spark arrester. 2,379,007; June 26.
Jones, Lester L., Oradell, assignor to Conmar Products Corporation, Newark, N. J. Tape for slide fasteners. 2,373,835; Apr. 17.
Jones, Lewis W.: *See*—
Connell, L. E., and Jones.
Jones, Lloyd E., Pasadena, Calif. Brush making machine. 2,368,661; Feb. 6.
Jones, Lloyd E., assignor to Graham Transmissions Inc., Milwaukee, Wis. Universal joint. 2,373,897; Apr. 17.
Jones, Loren F., Philadelphia, Pa., assignor to Radio Corporation of America. Spark plug. 2,372,429; Mar. 27.
Jones, Louis C., Greenwich, and W. P. Ericks, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkoxypropylamine condensation products. 2,375,659; May 8.
Jones, Loyd A., C. N. Nelson, and L. D. Clark, assignors to Eastman Kodak Company, Rochester, N. Y. Sensitometry. 2,380,244; July 10.
Jones, Mager C., Portsmouth, Va. Oil vaporizer and burner. 2,381,289; Aug. 7.
Jones, Mary G. P.: *See*—
Jones, Thomas E. and M. G. P.
Jones, Minor C. K., Mountainside, N. J., assignor to Standard Oil Development Company. Desulphurizing motor fuels and improving octane rating. 2,372,084; Mar. 20.
Jones, Minor C. K., Mountainside, N. J., assignor to Standard Oil Development Company. Producing sulphur. 2,384,926; Sept. 18.
Jones, Minor C. K., Elizabeth, N. J., assignor to Standard Oil Development Co. Recovery of vanadium and nickel from petroleum. 2,383,972; Sept. 4.
Jones, Oliver E., Seattle, Wash. Cutting tool for wire coverings. 2,370,733; Mar. 6.
Jones, Otha C., Anniston, Ala., assignor to Monsanto Chemical Company. Recovering fluorine compounds. 2,385,208; Sept. 18.
Jones, Paul C., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,377,787; June 5.
Jones, Paul C., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubber composition. 2,381,059; Aug. 7.
Jones, Paul W., and J. W. Swezey, assignors to Rostone Corporation, La Fayette, Ind. Synthetic stone and making it. 2,382,154; Aug. 14.
Jones, Paul W., and J. W. Swezey, assignors to Rostone Corporation, La Fayette, Ind. Artificial structural material and making it. 2,382,155; Aug. 14.
Jones, Peter: *See*—
Walton, G. H., Quayle, and Jones.
Jones, Philip H., Redondo Beach, and M. T. Flaxman, Inglewood, assignors to Union Oil Company of California, Los Angeles, Calif. Treatment of oil producing sands. 2,369,831; Feb. 20.
Jones, Robert L., Waukegan, Ill., assignor to Abbott Laboratories. Obtaining gland extracts. 2,388,417; Nov. 6.
Jones, Robert M., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Weighting mechanism for spinning and roving frames. 2,387,703; Oct. 23.
Jones, Russell S., Jr., Chicago, Ill., assignor to Niagara Blower Company, New York, N. Y. Heat exchanger. 2,374,208; Apr. 24.
Jones, Samuel F.: *See*—
Freel, W. G., Diver, and Jones.
Jones, Taze W., Frederick Colo. Flexible conveyer. 2,377,155; May 29.
Jones, Thomas E. and M. G. P., South Bend, Ind. Crutch tip. 2,376,776; May 22.
Jones, U. L., Otis, Kans. Gas generator. 2,367,401; Jan. 16.
Jones, Welton P., Rydal, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet construction. 2,381,598; Aug. 7.
Jones, Wilbur L., assignor to Interchemical Corporation, New York, N. Y. Printing. 2,375,660; May 8.
Jones, Wilfred: *See*—
Edmondson, W., and Jones.
Jones, William, Ely, Minn., assignor to Oliver Iron Mining Company. Time delay-relay switch. 2,389,856; Nov. 27.
Jones, William C., and C. T. Shewell, Baytown, Tex., assignors to Standard Oil Development Company. Absorption of gases. 2,372,085; Mar. 20.
Jones, William D., London, assignor to The Sheepbridge Stokes Centrifugal Castings Company, Limited, Chesterfield, England. Prevention of ice formation on aircraft. 2,372,581; Mar. 27.
Jones, William E., Tulia, Tex. Traffic signal light. 2,390,592; Dec. 11.
Jones, William L., Jr., Schenectady, N. Y., assignor to General Electric Company. Electric vacuum switch 2,383,973; Sept. 4.
Jones, Willis H., Kenmore, N. Y. Lubricated lathe center. 2,382,883; Aug. 14.
Jongedyk, Ralph, Hinsdale, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine control mechanism. 2,369,298; Feb. 13.
Jongeneel, Albert M., et al: *See*—
Lea, H. V., and Schmidt, assignors.
Lea, H. V., Schmidt, and du Bose, assignors.
Jonsson, Josef E., Linkoping, Sweden. Capping head. 2,371,334; Mar. 13.
Jordan, Curtis S.: *See*—
Sneed, R. C., and Jordan.
Jordan, Earl G., Moweaqua, Ill. Cylinder. 2,384,309 Sept. 4.
Jordan, Herman J., San Rafael, Calif. Dispenser and control for the same. 2,372,281; Mar. 27.
Jordan, John W., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Cellulation of plastics. 2,385,921; Oct. 2.
Jordan, Richard H., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing, Inc. Snap-action mechanism. 2,374,435; Apr. 24.
Jordan, Russ C., Van Nuys, Calif., assignor to Adel Precision Products Corp. Conduit supporting device. 2,372,674; Apr. 3.
Jordan, Stanley R., Dayton, Ohio. Feed-back circuit. 2,372,956; Apr. 3.
Jordan, Thomas, Salt Lake City, Utah. Reciprocatory motion apparatus. 2,391,785; Dec. 25.
Jordan, Thomas S., Springhill, La. Method and apparatus for felt conditioning. 2,368,662; Feb. 6.
Jordan, William B., and F. V. Johnson, Schenectady, N. Y., assignors to General Electric Company. Trunnion tilt corrector apparatus. 2,390,374; Dec. 4.
Jordan, William H., Kansas City, Mo. Pitot-static tube testing connection. 2,371,243; Mar. 13.
Jorden, Oliver R.: *See*—
Morin, W. R., Jr., and Jorden.
Jorg, John D., St. Johns, Ohio. Threshing machine. 2,377,238; May 29.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Toe-lasting machine. 2,367,282; Jan. 16.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Controlling means for fluid-operated machines. 2,367,782; Jan. 23.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,377,887; June 12.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,387,331; Oct. 23.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,391,461; Dec. 25.
Jorgensen, Clarence H. Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine controller. 2,383,198; Aug. 21.
Jorgensen, David F., Temple City, Calif. Tool guard. 2,367,945; Jan. 23.
Jorgensen, David F., Temple City, Calif. Latch for rodent traps. 2,371,447; Mar. 13.
Jorgenson, Alf A., San Diego, Calif. Navigation instrument. 2,367,128; Jan. 9.
Jorgenson, Gerald A.: *See*—
Cohen, M., Enoch, Hasty, and Jorgenson.
Jorgenson, John P., Wilmette, and A. G. Kling, assignors to Kling Bros. Engineering Works, Chicago, Ill. Tumbler. 2,380,652; July 31.
Jorgenson, Ralph J., and F. L. Clute, San Francisco, Calif. Display device. 2,385,002; Sept. 18.
Joseph, Curt B., Saint Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Manufacture of plastic materials. 2,370,669; Mar. 6.
Josepho, Aron M., New York, N. Y. Pocket calculating machine. 2,380,846; July 31.
Josh, George: *See*—
Porsche, J. D., and Josh.
Joshua, Walter P.: *See*—
Brittain, E. H., Joshua, and Whitmarsh.
Joslyn, Paul L., San Francisco, Calif. Steam boiler. 2,367,870; Jan. 23.
Joss, Joseph, Douglas, Ariz. Glass cutting apparatus. 2,370,470; Feb. 27.
Jost, Wilford E., San Marino, assignor to M. S. Lopez, Los Angeles, Calif. Camouflage material. 2,370,734; Mar. 6.
Joy, Homer V. B., Montclair, and J. B. Rust, Verona, N. J., assignors to Lyndhurst Chemical Corporation. Perfume materials. 2,373,568; Apr. 10.
Joy, Joseph F.: *See*—
Knoizen, A. S., and Joy.

Joy, Joseph F., Claremont, N. H. Hydraulic elevating mechanism. 2,378,409; June 19.
Joy, Joseph F., Claremont, N. H. Pump. 2,381,910; Aug. 14.
Joy, Joseph F., Claremont, N. H. Stove. 2,383,488; Aug. 28.
Joy Manufacturing Company: *See*—
Arentzen, Einar M., assignor.
Ball, Charles F., assignor.
Knoizen, A. S., and Joy, assignors.
Mavor, John B., assignor.
Russel, John D., assignor.
Joy, Robert W., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car truck brake. 2,379,084; June 26.
Joyce, Asa W.: *See*—
Scalera, M., and Joyce.
Joyce, Bryan P., East Orange, N. J. Firing control mechanism. 2,372,327; Mar. 27.
Joyce, Edward F., Kansas City, Kans. Clamp. 2,385,209; Sept. 18.
Joyce, Floyd E., and E. J. Lindhardt, assignor to National By-Products, Incorporated, Des Moines, Iowa. Manufacture of soap products. 2,382,063; Aug. 14.
Joyce, Inc.: *See*—
Joyce, William H., Jr., assignor.
Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pyrolysis products of solid polymers of ethylene. 2,372,001; Mar. 20.
Joyce, Robert M., Jr., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of esters. 2,375,301; May 8.
Joyce, Teresa O.: *See*—
(Joyce, T. M., assignor), and Fite.
Joyce, Thomas M., deceased, Salinas, and P. L. Fite, Sacramento, Calif.; said T. M. Joyce assignor by decree of court to T. O. Joyce. Single-row scour prevention fence. 2,381,290; Aug. 7.
Joyce, William E., W. H. Himes, and D. I. Wilson, assignors to The City Engineering Company, Dayton, Ohio. Screw machine. 2,388,612; Nov. 6.
Joyce, William H., Jr., assignor to Joyce, Inc., Pasadena, Calif. Trackway work station rack combination. 2,367,218; Jan. 16.
Joyce, William H., Jr., assignor to Joyce, Inc., Pasadena, Calif. Method and apparatus for manufacturing articles from preformed parts. 2,377,631; June 5.
Joyce, William J.: *See*—
Tillyer, E. D., Joyce, and Moulton.
Joyce, William J., Sturbridge, Mass., assignor to American Optical Company, Southbridge, Mass. Respirator. 2,378,929; June 26.
Joyce, William J., Jr., Manheim, Pa., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Fiberizing asbestos. 2,386,401; Oct. 9.
Joyce, William J., and G. W. Jackson, assignors to American Optical Company, Southbridge, Mass. Machine for generating curved surfaces. 2,380,446; July 31.
Juda, Walter: *See*—
Jones, G., and Juda, assignors.
Judd, Charles H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,367,283; Jan. 16.
Judd, Charles H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,377,694; June 5.
Judd, Charles H., assignor to Tinnerman Products, Inc. Cleveland, Ohio. Jar fastener. 2,384,310; Sept. 4.
Judd, Frederick V. H.: *See*—
Colvin, J. W., and Judd.
Judd, William F., North Kansas City, Mo. Calculating device. 2,382,064; Aug. 14.
Judge, Franklin, Greenfield, Mass. Die holder. 2,385,922; Oct. 2.
Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,383,803; Aug. 28.
Judkins, Forrest H.: *See*—
Hogan, J. H., Kettler, Judkins, and Hall.
Judkins, Theodore R., Atlanta, Ga. Concrete form tie. 2,383,864; Aug. 28.
Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Feed for fountain pens. 2,380,763; July 31.
Julian, Percy L.: *See*—
Levinson, A. A., Julian, and Engstrom.
Julian, Percy L., Maywood, E. W. Meyer, Evanston, and H. T. Iveson, Chicago, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Phosphatide product and making. 2,373,686; Apr. 17.
Julian, Percy L., Maywood, E. W. Meyer, Evanston, and H. T. Iveson, Chicago, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Confection and making. 2,373,687; Apr. 17.
Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Phosphatide composition. 2,374,681; May 1.
Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Oil-phosphatide composition. 2,374,682; May 1.
Julian, Percy L., Maywood, J. W. Cole, Chicago, A. Magnani, Wilmette, and H. E. Conde, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Dehalogenation of steroids. 2,374,683; May 1.
Julian, Percy L., Maywood, and E. W. Meyer, Evanston, Ill., assignors, by mesne assignments, to American Lecithin Company, Cleveland, Ohio. Preparation of a phosphatide composition. 2,391,462; Dec. 25.
Julian, Richard O., Richmond, Ind. Fly cutter. 2,375,926; May 15.
Julianelli, Charles A.: *See*—
Julianelli, Mabel and C. A.
Julianelli, Charles A., New York, N. Y. Shoe construction. 2,384,927; Sept. 18.
Julianelli, Mabel and C. A., New York, N. Y. Glove construction. 2,386,688; Oct. 9.
Julien, Arlie P., Syracuse, and G. N. Terziev, Solvay, assignors to The Solvay Process Company, New York, N. Y. Manufacture of sodium hydrosulphides. 2,376,433; May 22.
Julyan, Fred G., Euclid, Ohio, assignor to Pocahontas Fuel Company Incorporated, New York, N. Y. Bin feed mechanism. 2,387,399; Oct. 23.
Julyan, Fred G., Euclid, Ohio, assignor to Pocahontas Fuel Company Incorporated, New York, N. Y. Stoker gas back. 2,387,400; Oct. 23.
Julyan, Fred G., and W. M. Schweickart, Euclid, Ohio, assignors to Pocahontas Fuel Company Incorporated, New York, N. Y. Segmental retort. 2,366,966; Jan. 9.
Julyan, Fred G., and W. M. Schweickart, Euclid, Ohio, assignors to Pocahontas Fuel Company Incorporated, New York, N. Y. Stoker. 2,370,246; Feb. 27.
Jungersen, Thoger G., Summit, N. J. Optical reflecting material. 2,380,447; July 31.
Junghans, Helmut, Schramberg-Sulgen, Eckenhof, Germany: vested in the Alien Property Custodian. Fuse. 2,380,764; July 31.
Jungjohann, Vernon H.: *See*—
Fairbanks, H. N., and Jungjohann.
Jungmann, Martin, New York, N. Y. Wrist protector. 2,388,330; Nov. 6.
Junkin, Malcolm P., Lansdowne, assignor to L. Wolf, Elkins Park, E. Wolf, Dresher, H. A. Wolf, Jenkintown, and W. L. Wolf, Rydal, copartners doing business as National Metal Edge Box Company, Philadelphia, Pa. Box. 2,370,967; Mar. 6.
Junkin, Malcolm P., Drexel Hill, Pa. Apparatus for producing stayed boxes. 2,388,266; Nov. 6.
Junkin, Malcolm P., Drexel Hill, Pa. Box. 2,388,267; Nov. 6.
Jurs, Albert E., Jr., Berkeley, Calif., assignor to Shand and Jurs Company. Liquid sampling device. 2,388,548; Nov. 6.
Justice, George E., F. M. Thurston, and F. N. Young, assignors to Houston Oil Field Material Company, Inc., Houston, Tex. Retractable packer. 2,389,985; Nov. 27.
Justrite Manufacturing Company: *See*—
Brown Le Roy O., assignor.
Packer, C. S., and Brown, assignors.
Packer, C. S., and Olsen, assignors.
Justus, James W., Birmingham, Ala. Apparatus for deep sea rescue and salvage. 2,377,695; June 5.
Jutte, William B., Los Angeles, Calif. Cooling fluids on boats and the like. 2,386,803; Oct. 16.
Juul, Soren N., assignor to Briggs Manufacturing Company, Detroit, Mich. Airplane wheel. 2,370,316; Feb. 27.
Juvenile Wood Products, Inc.: *See*—
Muller, Albert B., assignor.
K-C-M Company: *See*—
Van de Carr, Charles R., Jr., assignor.
K-D Lamp Company, The: *See*—
Trautner, Wagn, assignor.
K M & H Corporation: *See*—
Hoffman, H. V., and Kaufman, assignors.
Kaase, Walther, Reichenbach in Vogtland, and E. Waltmann, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Rendering material water-repellent and products therefrom. 2,370,405; Feb. 27.
Kaczmarek, Roman, et al.: *See*—
Stein, Elmer L., assignor.
Kaehler, Arnold A.: *See*—
Johnson, E. B., and Kaehler.
Kaehler, Arnold A., Red Wing, Minn. Soybean food concentrate and preparation. 2,379,441; July 3.
Kaemmerling, Gustav H., assignor to Lord Manufacturing Company, Erie, Pa. Deflection measuring instrument. 2,386,472; Oct. 9.
Kaercher, Edwin B., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing metallic disulphides, tellurides, and selenides. 2,367,946; Jan. 23.
Kaeser, Harold, Vancouver, Wash. Test plug for pipes. 2,375,995; May 15.
Kaestner, Thankmar W.: *See*—
Williams, C. B., and Kaestner.
Kafowi, Jan, Long Island City, N. Y. Apparatus for working metals. 2,369,299; Feb. 13.
Kagan, Ralph: *See*—
Gardner, P., and Kagan.
Kagen, Simon: *See*—
Rothenberg, I., Kagen, and Gurewitz.

Kahl, Fritz: *See*—
Knox, A. L., and Kahl.
Kahl, Fritz, and O. C. Booher, Fort Wayne, Ind., assignors to Farnsworth Television and Radio Corporation. Automatic record changing apparatus. 2,384,682; Sept. 11.
Kahl, Joseph, New York, N. Y. Index for thermometers. 2,370,968; Mar. 6.
Kahle, Dale W., Jamestown, N. Y. Hinge. 2,372,431; Mar. 27.
Kahler, Edwin H.: *See*—
Stockstrom, A., Kahler, and Morrill.
Kahler, William, Los Angeles, and F. H. Lathrop, San Dimas, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Machine for dimpling or the like. 2,374,019; Apr. 17.
Kahlisch, Gustav: *See*—
Reiners, Wilhelm and W., Kahlisch, and Fürst.
Kahn, Albert: *See*—
Roe, James, assignor.
Kahn, Benjamin, Gadsden, Ala. Rug, covering, or the like. 2,379,085; June 26.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,372,086; Mar. 20.
Kahn, David, Inc: *See*—
Para, J. W., and Weisser, assignors.
Kahn, Lawrence, Brooklyn, N. Y. Dress form and hanger. 2,366,533; Jan. 2.
Kahn, Leo M., New York, N. Y. Press. 2,383,723. Aug. 28.
Kahn, Lewis I., Jamaica, N. Y. Venetian blind structure. 2,381,060; Aug. 7.
Kahn, Samuel, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pulsation dampener. 2,370,965; Mar. 6.
Kahn, Samuel, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Case for dial instruments. 2,384,928; Sept. 18.
Kail, Karl A., Montrose, Pa., assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Ball bearing. 2,391,245; Dec. 18.
Kain, Clifford H.: *See*—
Mallmann, W. L., Kain, and Schaefer.
Kaiser Cargo, Inc.: *See*—
McMullen, Robert L., assignor.
Kaiser, Donald W.: *See*—
Thurston, J. T., and Kaiser.
Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of dithioammelide. 2,375,733; May 8.
Kaiser, Donald W., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of amino triazoles. 2,382,156; Aug. 14.
Kaiser, Donald W., and J. T. Thurston, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of sulphonyl guanylureas. 2,368,841; Feb. 6.
Kaiser, Donald W., and J. T. Thurston, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. 1,3-dicyanoguanidine and preparation thereof. 2,371,100; Mar. 6.
Kaiser, Erwin J.: *See*—
Woytych. R. M., and Kaiser.
Kaiser, Heinrich, Jena, Germany; vested in the Alien Property Custodian. Arrangement for photographically recording variable processes. 2,366,194; Jan. 2.
Kaiser, Ludwig, New Haven, Conn. Cabinet or the like. 2,388,978; Nov. 13.
Kaiser, Otto, assignor to the Swiss firm of Society of Chemical Industry in Basle, Basel, Switzerland. Asymmetrical urea disazo dyestuffs. 2,375,561; May 8.
Kaiser, Otto, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Metallizable polyazo triazine dyestuffs. 2,387,997; Oct. 30.
Kaiser, Otto, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Metallizable triazine azo dyestuffs. 2,391,164; Dec. 18.
Kaiser, Wilhelm: *See*—
Hentrich. W.. Kaiser, and Endres.
Kalart Company, Inc., The: *See*—
Schwartz, M., and Castedello, assignors.
Kalichevsky, Vladimir A., F. E. Ray, and J. W. Payne, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of heat transfer salts. 2,375,759; May 15.
Kalil, Emil O., Brooklyn, N. Y., and W. E. Gleim, Bloomfield, N. J., assignors to Wabash Appliance Corporation, Brooklyn, N. Y. Photographic flash lamp. 2,375,742; May 8.
Kalil, Eugene J., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Lead coating. 2,390,440; Dec. 4.
Kalin, Albert, Cleveland, Ohio. Governor. 2,378,558; June 19.
Kalin, Albert, Cleveland, Ohio. Governor. 2,379,304; June 26.
Kalischer, Milton, Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,375,851; May 15.
Kalischer, Philip R.: *See*—
Scott, H., and Kalischer.

Kalischer, Philip R., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Particle size determination. 2,379,158; June 26.
Kalix, John, Dayton, Ohio. Hydroelectric power unit. 2,366,732; Jan. 9.
Kalix, John, Dayton, Ohio. Submarine excavating device. 2,371,174; Mar. 13.
Kalix, John, Dayton, Ohio. Tamping apparatus. 2,384,469; Sept. 11.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Peelable heat-seal sheet material. 2,376,777; May 22.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Heat-seal sheet material. 2,376,778; May 22.
Källe, Karl T., Saffle, Sweden. Gas generator charged with solid combustible fuel. 2,376,149; May 15.
Kallenbach, Donald D., assignor to Ideal Laboratory Tool & Supply Co., Cheyenne, Wyo. Oscillator. 2,366,266; Jan. 2.
Kallmann, Heinz E., Boston, Mass. Book. 2,369,572; Feb. 13.
Kallmann, Heinz E., Boston, Mass. Flexible plastic sheet. 2,381,061; Aug. 7.
Kallus, Joseph L., Brooklyn, N. Y. Toy figure. 2,373,963; Apr. 17.
Kalman Floor Company, Inc.: *See*—
Davis, Raymond E., assignor.
Kalmar, Arthur F., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,374,209; Apr. 24.
Kalmar, Arthur F., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,374,210; Apr. 24.
Kalmar, Arthur F., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Treating fruit. 2,386.954; Oct. 16.
Kalnitz, Joseph, Buffalo, N. Y. Projectile intercepting means. 2,369,464; Feb. 13.
Kalous, Mieczyslaw J. and N. E. Rambush, Stockton-on-Tees, England. Process and apparatus for the concentration of sulphuric acid. 2,369,573; Feb. 13.
Kalpakoff, William A., Walnut Park, assignor to P. Solotoy, Los Angeles, Calif. Furniture spring construction. 2,371,825; Mar. 20.
Kalpakoff, William A., Walnut Park, assignor to Percy Solotoy, Los Angeles, Calif. Furniture spring construction. 2,379,086; June 26.
Kals, William S., Vancouver, British Columbia, Canada, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Operating device for cameras. 2,371,524; Mar. 13.
Kals, William S., Vancouver, British Columbia, Canada. Camera. 2,372,430; Mar. 27.
Kalsing, Harry Weisswasser, H. Krefft, Berlin-Schoneberg, and K. Larche, Berlin-Tempelhof, Germany, assignors to General Electric Company. Glass envelope for electric sunlamps. 2,367,871; Jan. 23.
Kalstein, Abraham G., assignor to Aerovox Corporation, New Bedford, Mass. Electrical terminal. 2,368,548; Jan. 30.
Kalva Venders, Inc.: *See*—
Larimore, Harvey T., assignor.
Kalwitz, Herman C., Park Ridge, Ill. Joining bus bars. 2,387,154; Oct. 16.
Kaman, Frank A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Squeeze riveter. 2,384,175; Sept. 4.
Kaman, Frank A., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Squeeze riveter. 2,387,449; Oct. 23.
Kamborian, Jacob S., West Newton, Mass. Method of and apparatus for crimping the marginal portion of sheet material. 2,378.639; June 19.
Kamborian, Jacob S., West Newton, Mass. Lasting shoes. 2,387,028; Oct. 16.
Kamienski, Joseph, Glen Ridge, N. J. Reading aid for scaled implements. 2,367,872; Jan. 23.
Kaminky, Oscar H., Freeport, Ill., assignor, by mesne assignments, to First Industrial Corporation, Wilmington, Del. Switch mechanism. 2,379,305; June 26.
Kaminski, John, Altadena, Calif. Radiant heating apparatus. 2,387,516; Oct. 23.
Kamlet, Jonas, New York, N. Y., assignor to Miles Laboratories, Inc., Elkhart, Ind. Synthetic elastomers. 2,378,559; June 19.
Kämmel, Ernst H.: *See*—
Anschütz, R., and Kämmel.
Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Locking mechanism for typewriting calculating machines. 2,369,574; Feb. 13.
Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Coupling device for typewriting calculating machines. 2,371,826; Mar. 20.
Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Mechanism for controlling total and subtotal taking operations for typewriting calculating machines. 2,380,598; July 31.
Kamp, Ewald A., and F. D. Prager, Chicago, Ill., assignors to Graver Tank & Mfg. Co., Inc. Liquid treatment. 2,370,356; Feb. 27.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner and silencer assembly. 2,385,814; Oct. 2.

Kanary, Mark H., Los Angeles, Calif. Recouping buckle. 2,386,473; Oct. 9.
Kandall, Charles, New York, N. Y. Reinforced concrete tank. 2,389,057; Nov. 13.
Kandarian, Samuel M.: *See*—
Baxter, B., and Kandarian.
Baxter, B., and Kandarian, assignors.
Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Antenna array. 2,366,195; Jan. 2.
Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Glide path beacon. 2,367,680; Jan. 23.
Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Broad band antenna. 2,368,663; Feb. 6.
Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone & Radio Corporation. Instrument landing guide system. 2,379,442; July 3.
Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Controlling horizontal patterns for glide paths. 2,383,489; Aug. 28.
Kandoian, Armig G., New York, N. Y., assignor to Federal Telephone and Radio Corporation. Loop antenna. 2,383,490; Aug. 28.
Kane Carburetor Corporation: *See*—
Kane, Frank A., Jr., assignor.
Kane, David S., Roslyn, assignor, by mesne assignments, to Camloc Fastener Corporation, New York, N. Y. Fastening device. 2,368,713; Feb. 6.
Kane, Frank A., Jr., Derby, Conn., assignor to Kane Carburetor Corporation of Delaware, Wilmington, Del. Vacuum booster for windshield wipers. 2,379,719; July 3.
Kane, Jasper H., Garden City, A. C. Finlay, Long Island City, and P. F. Amann, assignors to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Production of itaconic acid. 2,385,283; Sept. 18.
Kane, John T., River Forest, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,367,505; Jan. 16.
Kane, Joseph P., Charleston, S. C. Wire and cable stripping machine. 2,374,211; Apr. 24.
Kanhofer, Elmer R., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,379,159; June 26.
Kanhofer, Elmer R., and B. M. Becker, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of hydrocarbons. 2,374,819; May 1.
Kanihan, William J., Sacramento, Calif. Rivet remover. 2,375,112; May 1.
Kannenberg, Walter F., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translating system. 2,373,569; Apr. 10.
Kanter, Elliott H., Brooklyn, N. Y. Conveyer lubricator. 2,367,354; Jan. 16.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Container feed for filling machines. 2,370,969; Mar. 6.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filler and siruper. 2,372,899; Apr. 3.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Apparatus for crowning containers under vacuum. 2,378,640; June 19.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Carbonator. 2,388,850; Nov. 13.
Kantrowitz, Morris S. and E. J. Gosnell, Washington, D. C. Manufacturing identifiable paper. 2,379,443; July 3.
Kapella Limited: *See*—
Reason, Richard E., assignor.
Warmisham, A., and Wynne, assignors.
Kaplan, Harry, Brooklyn, N. Y. Oven plate. 2,385,210; Sept. 18.
Kaplan, Morris: *See*—
Williams, F. J., and Kaplan.
Kaplan, Saul, Rutherford, assignor to The Richards Chemical Works, Jersey City, N. J. Imidazolines. 2,374,354; Apr. 24.
Kaplan, William, Texas City, Tex., assignor to Cities Service Oil Company, New York, N. Y. Processing pressure distillate. 2,367,284; Jan. 16.
Kappeler, Hans, assignor to Micafil Ltd., Works for Electrical Insulation and Winding Machines, Zurich, Switzerland. Apparatus for producing wound condensers. 2,382,065; Aug. 14.
Kappes, John J., assignor to H. Ratterman, Jr., Cincinnati, Ohio. Watch assembly. 2,366,196; Jan. 2.
Kaprelian, Edward K., Alexandria, Va. Optical system. 2,378,301; June 12.
Kaprelian, Edward K., Alexandria, Va. View and range finder. 2,384,552; Sept. 11.
Kaprelian, Edward K., Alexandria, Va. Range finder. 2,386,614; Oct. 9.
Kaptuller, Alexander F.: *See*—
Heilbrunn, S., and Kaptuller.
Karabinos, Joseph V., Columbus, and E. R. Eckhardt and W. I. Patterson, Chagrin Falls, Ohio, assignors to S. M. A. Corporation, Chicago, Ill. Extracting biotin. 2,374,212; Apr. 24.
Karan, Thomas: *See*—
Lovers, G. J., and Karan.
Karasick, Samuel, Mount Vernon, N. Y. Magnetic device. 2,376,150; May 15.
Karassik, Igor J., South Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Boiler feed pump control. 2,372,087; Mar. 20.
Karassik, Igor J., South Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Centrifugal pump. 2,386,898; Oct. 16.
Karczewski, Alexander S., North Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,386,868;. Oct. 16.
Karelius, Albert C., Altadena, Calif. Lathing. 2,375,302; May 8.
Karelius, Carl A., Altadena, Calif. Lathing. 2,375,303; May 8.
Karg, Frank G., Chicago, Ill. Prophylactic package. 2,391,094; Dec. 18.
Karim, Ali, Calcutta, British India. Manufacture of molded products from vegetable starting material. 2,382,568; Aug. 14.
Karlberg, Arvid E., assignor to Chicago Seal Co., Chicago, Ill. Shaft seal. 2,370,471; Feb. 27.
Karlberg, Arvid E., assignor to Chicago Seal Co., Chicago, Ill. Shaft seal. 2,376,600; May 22.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Surgical stitching instrument for eye and plastic surgery. 2,370,545; Feb. 27.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Suture spool for surgical stitching instruments. 2,376,151; May 15.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Spool for surgical sutures. 2,376,152; May 15.
Karlson, Karl R., Montclair, N. J., assignor to Union Bag & Paper Corporation, New York, N. Y. Packaging method. 2,376,256; May 15.
Karlström, Robert, Stockholm, Sweden, assignor to Electrolux Corporation, Old Greenwich, Conn. Filter material. 2,389,435; Nov. 20.
Karmazin, John, Grosse Ile, Mich. Manufacture of tubing. 2,375,661; May 8.
Karon, Melvin L.: *See*—
Altschul, A. M., and Karon.
Karow, George A., assignor of one-tenth to M. S. Fry and one-tenth to J. S. Doyon, Torrance, Calif. Sawhorse. 2,376,153; May 15.
Karp, Jack, Brooklyn, N. Y. Attachable shoe cap of plastic material. 2,380,050; July 10.
Karpen, S., & Bros.: *See*—
Adams, Arthur A., assignor.
Horner, K., and Hiltman, assignors.
Karplus, Eduardo, Belmont, and A. P. G. Peterson, assignors to General Radio Company, Cambridge, Mass. Ultra-high-frequency tuning apparatus. 2,367,681; Jan. 23.
Karr, William S.: *See*—
Abrams, T., Moore, and Karr.
Karrer, Walter, Riehen, near Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Acid esters of alkylated 1,4-naphthohydroquinones and manufacture of same. 2,383,392; Aug. 21.
Kasan, Louis, New York, N. Y. Venetian blind. 2,391,709; Dec. 25.
Kasarjian, Armen A., Elmhurst, N. Y. Ignition system. 2,376,362; May 22.
Kaschke, Kurt, Berlin-Neukolln, Germany; vested in the Alien Property Custodian. Iron powder core. 2,385,578; Sept. 25.
Kase, Nathan, Binghamton, N. Y. Make-up cape. 2,379,722; July 3.
Kase, Otto E.: *See*—
Braun, K. J., and Kase.
Kasen, Daniel, Newark, N. J., assignor of one-half to H. K. Baron, Brooklyn, N. Y. Setup and adjustment means. 2,377,239; May 29.
Kasket, Guenther, New York, N. Y. Stocking foot. 2,391,165; Dec. 18.
Kasper, Cass S., Grosse Pointe, Mich. Feed pusher. 2,389,913; Nov. 27.
Kass, Samuel M., Philadelphia, Pa. Inside caliper. 2,377,240; May 29.
Kassler, Adolph, New York, N. Y., and J. B. D. Thompson, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Convertible freight car. 2,366,967; Jan. 9.
Kasten, Walter, Franklin, assignor to Skinner Purifiers, Inc., Detroit, Mich. Filter. 2,367,873; Jan. 23.
Kasten, Walter, Franklin, assignor, by mesne assignments, to R. L. Skinner, Detroit, Mich. Filter-packs and manufacture. 2,375,246; May 8.
Kasten, Walter, Franklin, assignor to Ralph L. Skinner, Detroit, Mich. Helically wound body. 2,380,111; July 10.
Kaszuba, Frank J., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing mixed polycarboxylic acid esters of cellulose. 2,380,896; July 31.
Katcher, Morris, New York, N. Y. Hydro-kinetic torque converter. 2,388,418; Nov. 6.
Katcher, Morris, New York, N. Y. Oil filter. 2,390,539; Dec. 11.
Kathe, Bertram C., Detroit, Mich. Electrodeposition. 2,381,911; Aug. 14.

Kattwinkel, Hans, Radebeul, Germany; vested in the Alien Property Custodian. Clutch, especially for motor cars with control change mechanism. 2,368,304; Jan. 30.
Katz, Abraham: *See*—
Bastiansen, Otto, assignor.
Katz, Donald L., and Arnulf K. Esterer, Ann Arbor, assignors to Hydraulic Brake Company, Detroit, Mich. Hydraulic pressure fluid. 2,390,258; Dec. 4.
Katz, Donald L., Ann Arbor, Mich., and T. H. Whaley, Jr., Bartlesville, Okla., assignors to Phillips Petroleum Company. High pressure separation. 2,391,576; Dec. 25.
Katz, Frank M.: *See*—
Rosenthal, Charles, assignor.
Katz, Jack, and A. Alfano, New York, N. Y. Animal trophy cut out. 2,382,231; Aug. 14.
Katz, Julius, New York, and F. P. Majoros, Brooklyn, assignors to Superba Manufacturing Co., Inc., New York, N. Y. Bias cutting machinery. 2,382,997; Aug. 21.
Katz, Morris, Bronx, N. Y. Bag handle attaching machine. 2,379,087; June 26.
Katz, Morris, Bronx, N. Y. Paper twine and producing the same. 2,388,745; Nov. 13.
Katz, Myer K., New York, N. Y. Shaving brush holder. 2,385,003; Sept. 18.
Katzen, Raphael, Brooklyn, N. Y., assignor to Northwood Chemical Company, Phelps, Wis. Lignin and production. 2,380,448; July 31.
Katzman, Max, Brooklyn, N. Y. Electric vaporizer. 2,387,155; Oct. 16.
Katzman, Max, Brooklyn, N. Y. Electric vaporizer. 2,387,156; Oct. 16.
Katzman, Morris: *See*—
Epstein, A. K., and Katzman, assignors.
Katzman, Morris, assignor to Emulsol Corporation, Chicago, Ill. Cleansing compositions. 2,374,213; Apr. 24.
Katzman, Morris, assignor to The Emulsol Corporation, Chicago, Ill. Amides. 2,388,154; Oct. 30.
Katzman, Morris, and A. K. Epstein, assignors to The Emulsol Corporation, Chicago, Ill. Ethers of alcohol amines. 2,390,942; Dec. 11.
Katzman, Philip A.: *See*—
Doisy, E. A., and Katzman.
Katzman, Toby, New York, N. Y. Blouse structure and the like. 2,376,969; May 29.
Kaufert, Frank H.: *See*—
Flenner, A. L., and Kaufert.
Holbrook, G. E., and Kaufert.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. Re. 22,639; May 1.
Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,386,474; Oct. 9.
Kauffmann, Hans O., Eggertsville, and P. H. Margulies, Kenmore, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching. 2,391,710; Dec. 25.
Kaufman, Abraham, and H. Korman, New York, N. Y. Window lock. 2,373,400; Apr. 10.
Kaufman, Abraham, and H. Korman, New York, N. Y. Folding gate screen. 2,375,996; May 15.
Kaufman, Adolph G., New York, N. Y. Fuel burner. 2,370,172; Feb. 27.
Kaufman, Charles W., Hasbrouck Heights, N. J., assignor to General Seafoods Corporation, Boston, Mass. Producing oil from oil-bearing materials. 2,380,847; July 31.
Kaufman, Gus, and S. R. Philson, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Lubricant. 2,367,355; Jan. 16.
Kaufman, Hiram J., Detroit, Mich. Cooling and dehydrating apparatus. 2,390,104; Dec. 4.
Kaufman, Jacob M., Chicago, Ill. Knockdown office partition. 2,371,300; Mar. 13.
Kaufman, Von R.: *See*—
Hoffman, H. V., and Kaufman.
Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Reed for warping machines and the like. 2,386,689; Oct. 9.
Kaufmann, Harry A., Grosse Pointe Park, Mich. Casement storm window. 2,384,929; Sept. 18.
Kaufmann, Hermann: *See*—
Herold, P., Kaufmann, and Worner.
Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,382,795; Aug. 14.
Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,386,690; Oct. 9.
Kaufmann, Milton, Belle Harbor, N. Y. Reversible garment. 2,375,562; May 8.
Kaufmann, Paul G., London, England. Control of the load distribution of a plurality of generator units or other energy transmission units supplying a common load. 2,366,968; Jan. 9.
Kaufmann, Werner: *See*—
Kesselring, F., Gieffers, and Kaufmann.
Kaunitz, Leonore, New York, N. Y. Brassière. 2,383,804; Aug. 28.
Kaupke, Lee H.: *See*—
Messenger, R. P., Kaupke, and Raney.
Kauppi, Toivo A.: *See*—
Dulmage, F. C., Jr., and Kauppi.
Kauth, Henry J., Rome, assignor to General Cable Corporation, New York, N. Y. Method of manufacturing electrical conductors. 2,382,423; Aug. 14.
Kavanagh, Frank W.: *See*—
Neely, G. L., and Kavanagh.
Kavanagh, Frank W., B. B. Farrington, and J. O. Clayton, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded mineral oil. 2,381,912; Aug. 14.
Kavanagh, Frank W., B. B. Farrington, and J. O. Clayton, Berkeley, assignors, by mesne assignments, to California Research Corporation, San Francisco, Calif. Compounded hydrocarbon oil. 2,390,943; Dec. 11.
Kavanagh, Robert G., assignor to La France Industries, Frankford, Philadelphia, Pa. Producing double faced pile fabrics and loom used in the production thereof. 2,391,835; Dec. 25.
Kaveler, Herman H., Bartlesville, Okla., and R. G. Piety, Yonkers, N. Y., assignors to Philips Petroleum Company. Electrical circuit. 2,369,238; Feb. 13.
Kaveny, John G., Little Falls, assignor to H. & G. Roos Tool and Mfg. Co., Montclair, N. J. Lapping machines. 2,372,088; Mar. 20.
Kavle-Head Corporation, The: *See*—
Kavle, Oscar C., assignor.
Kavle, Oscar C., Syracuse, assignor to The Kavle-Head Corporation, Ithaca, N. Y. Gear lapping machine. 2,377,241; May 29.
Kavle, Oscar C., Syracuse, assignor to The Kavle-Head Corporation, Ithaca, N. Y. Automatic work feeding attachment for drill presses. 2,380,314; July 10.
Kawneer Company, The: *See*—
Hodson, Milo G., assignor.
Kay, Eric, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Tetraalkylthiuram monosulphide preparation. 2,383,318; Aug. 21.
Kay, Ignatius, assignor to The Wellman Smith Owen Engineering Corporation Limited, London, England. Level luffing jib crane. 2,386,475; Oct. 9.
Kay, James A., assignor to Rose Brothers Limited, Gainsborough, England. Mechanism for feeding articles to machines. 2,369,575; Feb. 13.
Kay, Julian H.: *See*—
Shoenberg, Milton H., assignor.
Kay, Riley A.: *See*—
Drobish, A. E., and Kay.
Kaye, Earl C., Evanston, Ill. Dispenser. 2,370,796; Mar. 6.
Kaye, Hubert E., East Syracuse, assignor to Rollway Bearing Co., Inc., Syracuse, N. Y. Thrust bearing. 2,374,820; May 1.
Kayfetz, Harry, Newark, N. J. Thread-cutting apparatus. 2,389,857; Nov. 27.
Kayler, Frank H.: *See*—
Kinne, E. P., and Kayler.
Kinne, E. P., and Kayler, assignors.
Kazanjian, Souren R., New York, N. Y. Lamp shade retainer. 2,391,711; Dec. 25.
Keahey, Frank S., assignor to Kirsch Company, Sturgis, Mich. Rod coupling. 2,384,095; Sept. 4.
Keahey, Frank S., assignor to Kirsch Company, Sturgis, Mich. Curtain or drape fixture. 2,386,691; Oct. 9.
Kealoha, Ylan K., New York, N. Y. Musical instrument. 2,368,842; Feb. 6.
Kean, Clare H., Houston, Tex., assignor to Standard Oil Development Company. Transmitting information. 2,372,582; Mar. 27.
Kearby, Kenneth K.: *See*—
Fulton, S. C., and Kearby.
Kearby, Kenneth K., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalytic dehydrogenation of hydrocarbons. 2,370,797; Mar. 6.
Kearby, Kenneth K., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalytic dehydrogenation of hydrocarbons. 2,370,798; Mar. 6.
Kearby, Kenneth K., Elizabeth, N. J., assignor, by mesne assigments, to Jasco, Incorporated. Catalytic dehydrogenation. 2,377,083; May 29.
Kearby, Kenneth K., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,384,311; Sept. 4.
Kearney, Cresson H., U. S. Army, Fort Clayton, C. Z. Mud shoe. 2,367,219; Jan. 16.
Kearney, Daniel P., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic control for internal-combustion engines. 2,387,911; Oct. 30.
Kearney, James R., Corporation: *See*—
Fox, Charles A., assignor.
Kearney, Justin M., Cambridge, Mass. Ice pack. 2,378,087; June 12.
Kearney, Kenneth O., St. Louis, Mo., assignor to Penn Electric Switch Co., Goshen, Ind. Differential widening means for control structures. 2,389,436; Nov. 20.
Kearney & Trecker Corporation: *See*—
Armitage, Joseph B., assignor.
Armitage, J. B., and Barker, assignors.
Armitage, J. B., Barker, Riedel, and Boehmer, assignors.
Armitage, J. B., and Eserkaln, assignors.
Johnson, Wallace J. S., assignor.

Kearns, Bernard A.: *See*—
Decker, J., and Kearns.
Kearny, Cresson H., U. S. Army, Fort Clayton, C. Z. Hammock. 2,375,792; May 15.
Keasbey & Mattison Company: *See*—
Hutchcroft, Clyde R., assignor.
Keating, Thomas J.: *See*—
Lum, J. C., and Keating.
Kebrich, Leonard M., Brooklyn, assignor to National Lead Company, New York, N. Y. Producing chromates. 2,382,157; Aug. 14.
Kebrich, Leonard M., Brooklyn, assignor to National Lead Company, New York, N. Y. Lead salicylate compositions and preparing same. 2,391,166; Dec. 18.
Keck, Walter E., Hancock, Mich., assignor to Sherwood Refining Company, Inc., Englewood, N. J. Flotation of ores. 2,373,688; Apr. 17.
Kecskeméti, Ladislaus, assignor, by mesne assignments, to M. H. Avram, New York, N. Y. Speed indicating apparatus. 2,371,626.
Keczeli, Géza M.: *See*—
Runcie, W. O., and Keczeli.
Keebler, Paul T.: *See*—
Baker, V. H., and Keebler.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,368,664; Feb. 6.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Blast gun. 2,369,576; Feb. 13.
Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Hydraulic sand feeder. 2,372,957; Apr. 3.
Keelavite Company Limited, The: *See*—
Levetus, F. B., and Wilson, assignors.
Keeler Brass Company: *See*—
Jakeway, Gerald V., assignor.
Keeler, Nelson H., Southbridge, and H. J. Eskelson, Charlton, assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Protection garment. 2,389,152; Nov. 20.
Keeleric, George F., Westboro, Mass. Abrasive article. 2,367,286; Jan. 16.
Keeleric, George F., Westboro, Mass. Making abrasive articles. 2,368,473; Jan. 30.
Keeleric, George F., Washington, D. C. Abrasive article. 2,370,970; Mar. 6.
Keeling, Herbert, and F. Mummert, assignors to The Carlton Machine Tool Company, Cincinnati, Ohio. Automatic tapping attachment. 2,375,662; May 8.
Keeling, Jack R., Jr., College Station, Tex. Electrical instrument. 2,371,395; Mar. 13.
Keema, Alexander W.: *See*—
Stevenson, R., and Keema.
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Actuator for accumulating mechanisms. 2,372,900; Apr. 3.
Keen, Harold H., and T. O. Wright, Letchworth, England, assignors to International Business Machines Corporation, New York, N. Y. Adding and subtracting mechanism. 2,390,441; Dec. 4.
Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignors of one-half to H. M. Smith, Chicago, Ill., and one-half to said T. A. Keen. Registering mechanism. 2,378,708; June 19.
Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignors of one-half to said Keen and one-half to H. M. Smith, Chicago, Ill. Motor drive for printing and issuing machines. 2,378,709; June 19.
Keenan, Walter F., Jr., Pelham Manor, and N. C. Artsay, Valhalla, assignors to Foster Wheeler Corporation, New York, N. Y. Heat exchange device. 2,372,675; Apr. 3.
Keene, Kenneth L., and E. G. Bargmeyer, Mishawaka, Ind., assignors to Mishawaka Rubber and Woolen Manufacturing Company. Rubber adhesive. 2,370,044; Feb. 20.
Keene, Walter L., Dormont, and W. A. Carlson, assignors to Superior Steel Corporation, Pittsburgh, Pa. Making substantially nonscalloping bimetallic sheet metal. 2,388,694; Nov. 13.
Keeney, Fred, Portsmouth, Va. Percentage feeder. 2,384,176; Sept. 4.
Keep, Otto A., Harborcreek, Pa., assignor to General Electric Company. Control system. 2,372,498; Mar. 27.
Kees, Marshall C., assignor of one-half to T. E. Jackson, Detroit, Mich. Clamp. 2,368,843; Feb. 6.
Keese, Beverly W.: *See*—
Buckendale, L. R., Brownyer, and Keese.
Rockwell, W. F., and Keese.
Keese, Beverly W., and A. J. Hazen, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Dual engine vehicle. 2,384,470; Sept. 11.
Keese, Beverly W., and C. A. Blair, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Vehicle. 2,384,471; Sept. 11.
Keeshan, Alvin W.: *See*—
Honegger, J. A., and Keeshan.
Keesling, Thomas B.: *See*—
Gurries, Albert G., and Keesling.
Kefover, Albert L.: *See*—
Black, L. F., and Kefover.
Kégresse, Adolphe, Paris, France; vested in the Alien Property Custodian. Automatic variable speed transmission. 2,386,217; Oct. 9.
Kehle, Ottmar A., Can Nuys, Calif., assignor to Adel Precision Products Corp. Landing gear by-pass valve. 2,367,682; Jan. 23.
Kehoe, Joseph J., Newark, N. J. Adjustable magnet. 2,369,300; Feb. 13.
Kehrer, Bertram F., Seattle, Wash. Drift and shoal-water warning device for marine vessels. 2,369,054; Feb. 6.
Keil, Havard L.: *See*—
Roundy, Z. D., and Keil.
Keil, Havard L., Clarendon Hills, assignor to Armour and Company, Chicago, Ill. Preparation of antianemic products. 2,369,465; Feb. 13.
Keim, Gerald I., Newark, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fats and fatty oils. 2,383,601; Aug. 28.
Keim, Gerald I., Newark, and J. Ross, Ramsey, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treatment of fatty glycerides. 2,383,602; Aug. 28.
Keim, Melville: *See*—
Andresen, Hilmar A., assignor.
Keinath, George, Larchmont, N. Y. Measuring system. Re. 22,637; Apr. 24.
Keinath, George, Larchmont, N. Y. Multiple recorder. 2,387,760; Oct. 30.
Keiser, Bernhard: *See*—
De Groote, M., and Keiser.
De Groote, M., Keiser, and Blair.
De Groote, M., Keiser, and Wirtel.
Keiser, Russell W., assignor to Boucher and Keiser Company, Atlanta, Ga. Fluorescent lamp circuits. 2,382,012; Aug. 14.
Keiser, Russell W., assignor to Boucher and Keiser Company, Atlanta, Ga. Reactance. 2,387,797; Oct. 30.
Keiser, Russell W., and C. P. Boucher, assignors to Boucher and Keiser Company, Atlanta, Ga. Fluorescent lighting. 2,382,638; Aug. 14.
Keister, James E., Scotia, N. Y., assignor to General Electric Company. Decoupling unit. 2,368,474; Jan. 30.
Keitel, Christian W., East Orange, assignor to Baker & Company, Inc., Newark, N. J. Electrical contact element. 2,379,641; July 3.
Keith, Glenn, East Detroit, Mich. Bowling ball. 2,372,958; Apr. 3.
Keith, Glenn, East Detroit, Mich. Bowling ball. 2,372,959; Apr. 3.
Keith, Glenn, East Detroit, Mich. Brake system for connected vehicles. 2,380,765; July 31.
Keith, Kenneth M.: *See*—
Ronning, M., and Keith.
Keith, Percival C.: *See*—
Degnen, W. J., Nelly, and Keith.
Keith, Pervical C., Peapack, N. J., and M. M. Perkins, Brooklyn, N. Y., assignors to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for effecting catalytic reactions. 2,380,245; July 10.
Keith, Percival C., Jr.: *See*—
Degnen, W. J., Nelly, and Keith.
Keizer, Eugene O., Princeton, N. J., assignor to Radio Corporation of America. Voltage regulator. 2,372,432; Mar. 27.
Kelbel, Donald W.: *See*—
Carnagua, H. E., and Kelbel.
Kelchner, Harley B.: *See*—
Fine, L., and Kelchner.
Kelco Company: *See*—
Cate, Paul H., assignor.
Kelecius, Anthony S., Oaklawn, Ill. Gas powered model airplane control line apparatus. 2,390,307; Dec. 4.
Kelite Products, Inc.: *See*—
Hart, Joseph F., assignor.
Keller, Arthur H.: *See*—
Hitchcock, R. B., and Keller.
Keller, August, Dearborn, assignor to Motor State Products Company, Ypsilanti, Mich. Collapsible top for motor vehicles. 2,372,583; Mar. 27.
Keller, Charles G., Hyde Park, N. Y. Brake adjusting mechanism. 2,377,014; May 29.
Keller, Cornelius H., San Francisco, Calif., assignor to The Dow Chemical Company, Midland, Mich. Recovery of copper from copper-bearing solutions. 2,390,540; Dec. 11.
Keller, Curt, assignor to Escher Wyss Maschinenfabriken Aktiengesellschaft, Zurich, Switzerland. Variable-pitch propeller. 2,391,629; Dec. 25.
Keller, D. R., et al.: *See*—
Minto, Wallace L., assignor.
Keller, Edwin H., Wawa, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncorrosive liquids. 2,373,570; Apr. 10.
Keller, Edwin H., Chester Heights, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inhibition of corrosion. 2,388,155; Oct. 30.
Keller, Ernst, assignor to J. R. Geigy A. G., Basel, Switzerland. Stilbene dyestuffs and their manufacture. 2,385,862; Oct. 2.
Keller, Ernst, assignor to J. R. Geigy A. G., Basel, Switzerland. Substantive azo dyestuffs. 2,390,152; Dec. 4.

Keller, Ernst, and R. Zweidler, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Dyestuffs of the stilbene series and making same. 2,368,844; Feb. 6.
Keller, Frank E., Wichita, Kans. Rivet set forming tool. 2,389,197; Nov. 20.
Keller, Harry, assignor to Monsanto Chemical Company, St. Louis, Mo. Manufacturing solid products. 2,388,613; Nov. 6.
Keller, Jay H., Sebring, Ohio. Stamp decorating of articles of manufacture. 2,383,865; Aug. 28.
Keller, Jay H., and C. E. Fahnert, Sebring, Ohio. Decorating machine. 2,372,089; Mar. 20.
Keller, John D., Pittsburgh, Pa., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Driving means for roller electrodes and the like. 2,373,314; Apr. 10.
Keller, John D., Pittsburgh, Pa., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for coating strip. 2,377,632; June 5.
Keller, Rex E., Beverly Hills, Calif. Multiple stage fluid drive transmission. 2,388,062; Oct. 30.
Keller, Robert D., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic instrument. 2,381,126; Aug. 7.
Keller, Theodore W., Council Bluffs, Iowa. Moistureproof base. 2,390,308; Dec. 4.
Keller, Wade T.: *See*—
Farrington, T. B. and R. K., and Keller.
Keller, William J.: *See*—
Jarvis, A. E., and Keller.
Keller, William M., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Diaphragm vestibule structure for railway cars. 2,385,138; Sept. 18.
Kelley, Alphonsus G. I. M., Horsham, Victoria, Australia. Passenger propelled wheel chair. 2,368,142; Jan. 30.
Kelley, Carl S., Kansas City, Kans., assignor to Phillips Petroleum Company. Segregation of anhydrous acid. 2,388,156; Oct. 30.
Kelley, Cecil S.: *See*—
Larson, A. G., and Kelley.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,367,586; Jan. 16.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,376,489; May 22.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,376,490; May 22.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,385,139; Sept. 18.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,389,058; Nov. 13.
Kelley, Charles W., Duck Hill, Miss. Producing a floating soap. 2,371,175; Mar. 13.
Kelley, Francis G., assignor to Peerless Handcuff Company, Springfield, Mass. Handcuff. 2,390,885; Dec. 11.
Kelley, Frank R.: *See*—
Guthrie, James M., assignor.
Kelley, Frank R., Pittsburgh, Pa. Ventilator. 2,368,143; Jan. 30.
Kelley, Herbert D., Akron, Ohio. Tank construction. 2,370,799; Mar. 6.
Kelley Island Lime and Transport Company, The: *See*—
Beatty, Henry M., assignor.
Kelley, Lawrence E., assignor of one-half to W. H. Long, Howe, Tex. Trailer coupling pin. 2,367,874; Jan. 23.
Kelley, Maurice J., Philadelphia, Pa., and W. L. Abramowitz, Lakewood, assignors to National Oil Products Company, Harrison, N. J. High SO_3 amide products. 2,372,786; Apr. 3.
Kelley, Oliver K., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Transmission drive. 2,377,696; June 5.
Kelley, Walter T., Paducah, Ky. Honey extractor. 2,389,669; Nov. 27.
Kelliher, Charles, assignor of forty per cent to E. R. Hosten, New York, N. Y. Reversible sash window. 2,379,528; July 3.
Kellman, Bernard, Chicago, Ill. Heel. 2,387,029; Oct. 16.
Kellog, Henry B., Union City, and P. K. Frolich, Westfield, N. J., assignors to Standard Oil Development Company. Vulcanized high-pressure polymers. 2,391,095; Dec. 18.
Kellogg Company: *See*—
Lindow, C. W., and Thompson, assignors.
Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Film drum drive for photophonographic apparatus. 2,385,863; Oct. 2.
Kellogg, John L., assignor, by mesne assignments, to John L. Kellogg & Co., Chicago, Ill. Treatment of organic liquids. 2,389,732; Nov. 27.
Kellogg, John L., & Co.: *See*—
Kellogg, John L., assignor.
Kellogg, M. W., Company, et al.: *See*—
Hopkins, Robert K., assignor.
Layng, E. T., and Payne, assignors.
Ruthruff, Robert F., assignor.
Kellogg, M. W., Company, The: *See*—
Baker, Albert L., assignor.
Belchetz, Arnold, assignor.
Belchetz, A., and Nelly, assignors.
Belchetz, A., and Perkins, assignors.
Degnen, W. J., Nelly, and Keith.
Degnen, W. J., Nelly, and Keith, assignors.
Finlayson, Duncan K., assignor.
Hopkins, Robert K., assignor.
Jenny, Frank J., assignor.
Jewell, J. W., Creelman, and Borcherding, assignors.
Keith, P. C., and Perkins, assignors.
Ruthruff, Robert F., assignor.
Solomon, E., Passino, and Rubin, assignors.
Kellogg, Rolland F., Sr.: *See*—
Thorsten, T., Geue, and Kellogg.
Kellogg, Spencer, 2d, Glen Head, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro instrument. 2,384,838; Sept. 18.
Kellogg Switchboard and Supply Company: *See*—
Bakker, Pier, assignor.
Barta, Frank A., assignor.
Kiner, Glenn, assignor.
Wallace, Bert A., assignor.
Kellogg, William D. and J. Fradenburgh, Amsterdam, N. Y., assignors to Aveco, Incorporated. Knitting machine. 2,389,154; Nov. 20.
Kells, Gordon, Auckland, New Zealand. Breaker arm jig. 2,374,601; Apr. 24.
Kelly, Daniel A., assignor to Prime Manufacturing Company, Milwaukee, Wis. Blowoff cock. 2,387,912; Oct. 30.
Kelly, Dwight N., assignor to A. Brandwein & Company, Chicago, Ill. Mattress border stitching machine. 2,382,486; Aug. 14.
Kelly, Earl M., and A. M. Kivari, Los Angeles, Calif., R. P. Kite, Larchmont, N. Y., E. J. Roberts, Westport, Conn., and D. B. Sutherland, Montclair, N. J., assignors to The Dow Company. Liquid clarification. Re. 22,701; Dec. 4.
Kelly, Edward A., Indianapolis, Ind. Multiple payment coupon book. 2,391,054; Dec. 18.
Kelly, Frank E., Chicago, Ill. Fishing tackle. 2,391,167; Dec. 18.
Kelly, Frederick G., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Telemetering system. 2,372,002; Mar. 20.
Kelly, John, et al.: *See*—
Dowling, Dudley R., assignor.
Kelly, John F., Cleveland, Ohio. Valve cutoff. 2,367,402; Jan. 16.
Kelly, John W., La Canada, Calif, assignor to Adel Precision Products Corp. Power pump operated single line hydraulic system. 2,390,716; Dec. 11.
Kelly, William D.: *See*—
Giles, Eugene M., assignor.
Kelly, William J., West Springfield, Mass. Toy submachine gun. 2,376,921; May 29.
Kelly, William M., Westfield, N. J. Chain bed motion for printing presses. 2,371,693; Mar. 20.
Kelsall, George A.: *See*—
Dunlap, K. S., Kelsall, Lovell, and Mallina.
Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Tine assembly. 2,366,624; Jan. 2.
Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Tine. 2,366,625; Jan. 2.
Kelsey, Cadwallader W., assignor to Rototiller, Inc., Troy, N. Y. Material-working apparatus. 2,366,626; Jan. 2.
Kelsey-Hayes Wheel Company: *See*—
Ellis, Emmett S., assignor.
Forbes, Joseph A., assignor.
Sinclair, Charles W., assignor.
Kelsey, Stillman P., Washington, D. C. Index directory. 2,375,228; May 8.
Kelso, Ambia W., executrix: *See*—
Fuller, Albert D.
Kelton, Stanton C., Jr.: *See*—
Neher, H. T., and Kelton.
Kemerer, Don C., Long Beach, Calif. Forming method. 2,385,083; Sept. 18.
Kemmer, Paul H., Fairfield, and E. R. Weaver, Dayton, Ohio. Method and apparatus for testing aircraft structures. 2,383,491; Aug. 28.
Kemmler, James W., Yardley, Pa., assignor to Sloane-Blabon, Trenton, N. J. Manufacture of linoleum products. 2,368,475; Jan. 30.
Kemmler, James W., Elkins Park, and E. R. Erb, Jr., Morrisville, Pa., assignors to Sloane-Blabon, Trenton, N. J. Decorative product and prducing the same. 2.374,940; May 1.
Kemp, Lebbeus C., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of antiknock hydrocarbons. 2,366,627; Jan. 2.
Kemp, Lebbeus C., Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Lubricating composition. 2,389,513; Nov. 20.
Kemp, Lebbeus C., Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Lubricating composition. 2,881,127; Aug. 7.
Kemper, Harry C.: *See*—
Le Blond, R. K., and Kemper.
Kemper-Thomas Company, The: *See*—
Belden, Charles W., assignor.

Kempf, Louis W., and W. A. Dean, Lakewood, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum base alloy. 2,369,354; Feb. 13.
Kempton, Leslie A., assignor to Edison General Electric Appliance Co., Inc., Chicago, Ill. Volume control device. 2,386,051; Oct. 2.
Kenda, Paul, San Antonio, Tex. Producing and utilizing guayule rubber. 2,373,689; Apr. 17.
Kenda, Paul, San Antonio, Tex. Producing artificial lumber. 2,373,690; Apr. 17.
Kendal, Edward: *See*—
Pape, August H., assignor.
Kendall, Clarence W., and W. R. Fischer, Dayton, Ohio. Checking camera focus. 2,378,930; June 26.
Kendall Company, The: *See*—
Eustis, W., and Orrill, assignors.
Morrison, D. E., and Ziegler, assignors.
Reed, Raymond E., assignor.
Kendall, Edgar H.: *See*—
Hopkins, J. H., and Kendall.
Kendall, George H.: *See*—
Baker, R. E., and Kendall.
Kendall, George H., Noroton Heights, assignor of one-eighteenth to E. B. Dickson, one-eighteenth to T. C. Dickson, Jr., two-eighteenths to E. W. Bassick, Jr., one-eighteenth to C. N. Bassick, one-eighteenth to M. M. Bassick, one-eighteenth to P. M. Bassick, one-eighteenth to G. M. Bassick, and one-eighteenth to E. W. Bassick, Bridgeport, Conn. Flanged bearing. 2,368,549; Jan. 30.
Kendall, George H., Noroton Heights, Conn., assignor of one-eighteenth to E. B. Dickson, one-eighteenth to T. C. Dickson, Jr., two-eighteenth to E. W. Bassick, Jr., one-eighteenth to C. N. Bassick, one-eighteenth to M. M. Bassick, one-eighteenth to P. M. Bassick, one-eighteenth to G. M. Bassick, and one-eighteenth to E. W. Bassick, Bridgeport, Conn. Antifriction bearing. 2,370,173; Feb. 27.
Kendall, George H., Noroton Heights, assignor of one-eighteenth to E. B. Dickson, one-eighteenth to T. C. Dickson, Jr., two-eighteenths to E. W. Bassick, Jr., one-eighteenth to C. N. Bassick, one-eighteenth to M. M. Bassick, one-eighteenth to P. M. Bassick, one-eighteenth to G. M. Bassick, and one-eighteenth to E. W. Bassick, Bridgeport, Conn. Making antifriction bearings. 2,376,779; May 22.
Kendall, James B.: *See*—
Gail, C. P., and Kendall.
Kendall, John D.: *See*—
Fry, D. J., and Kendall.
Kendall, John D., assignor to Ilford Limited, Ilford, England. Dyestuffs. 2,368,305; Jan. 30.
Kendall, John D., assignor to Ilford Limited, Ilford, England. Dyestuff intermediates. 2,383,255; Aug. 21.
Kendall, John D., assignor to Ilford Limited, Ilford, England. Manufacture of 1.2.3.4-tetrazole compounds. 2,386,869; Oct. 16.
Kendall, John D., assignor to Ilford Limited, Ilford, England. Manufacture of trithio ortho esters of carboxylic acids. 2,389,153; Nov. 20.
Kendall, John D., H. G. Suggate, and H. W. Wood, assignors to Ilford Limited, Ilford, England. Cyanine dyestuff intermediates. 2,368,222; Jan. 30.
Kendall, John D., and J. R. Majer, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Dyestuffs. 2,369,355; Feb. 13.
Kendall, John D., H. W. Wood, and J. R. Majer, assignors to Ilford Limited, Ilford, Essex, England. Cyanine dyestuff intermediates. 2,372,960; Apr. 3.
Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Dyestuffs. 2,385,815; Oct. 2.
Kendall, Marcus T.: *See*—
Ryan, W. J., and Kendall, assignors.
Kendig, Albert C., Los Angeles, Calif. Alarm system. 2,371,051; Mar. 6.
Kendig, John R., assignor to Gobin Smith, East Orange, N. J. Screen type transfer agent duplicating form. 2,381,170; Aug. 7
Kendig, Mary V., Houston, Tex. Toilet dish. 2,371,448; Mar. 13.
Kendrick, Charles M., New York, N. Y., assignor to Manly Corporation, Washington, D. C. Fluid pressure device. 2,368,223; Jan. 30.
Kendrick, Charles M., New York, N. Y., assignor to Manly Corporation, Washington, D. C. Fluid pressure device. 2,387,761; Oct. 30.
Kendrick, Fayette D., St. Paul, Minn. Insect trap. 2,384,930; Sept. 18.
Kendrick, John F., Columbus, Ohio. Airplane landing gear. 2,372,207; Mar. 27.
Kenefake, Edwin W., Schenectady, N. Y., assignor to General Electric Company. Carrier current system. 2,381,758; Aug. 7.
Kenefake, Edwin W., and F. M. Rives, Schenectady, N. Y., assignors to General Electric Company. Signal transmission system. 2,367,947; Jan. 23.
Kennan, Francis J.: *See*—
Goggin, David E., assignor.
Kennard, Dwight C.: *See*—
Stitz, W. E., and Kennard.
Kennard, Harry M., Santa Barbara, Calif. Drill guide. 2,382,639; Aug. 14.
Kennedy, Donald S.: *See*—
Newman, John E., assignor.
Kennedy, Donald S., Longparish, Andover, England. Nonskid chain. 2,374,355; Apr. 24.
Kennedy, Earl M., Cleveland, Ohio. Cap for grease fittings. 2,379,529; July 3.
Kennedy, Gilbert J., Philadelphia, Pa., assignor to Radio Corporation of America. Cutting and counting machine. 2,389,783; Nov. 27.
Kennedy, Harry E., Berkeley, and M. A. Rotermund, Walnut Creek, Calif., assignors to The Linde Air Products Company. Electric welding. 2,371,894; Mar. 20.
Kennedy, James A., Ann Arbor, Mich. Motor vehicle. 2,373,028; Apr. 3.
Kennedy, John J., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Electrical system. Re. 22,643; May 22.
Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Cooling material. 2,377,943; June 12.
Kennedy, Raymond A., Sioux City, Iowa. Sectional ladder. 2,372,003; Mar. 20.
Kennedy, Raymond A., Sioux City, Iowa. Spring motor driven generator. 2,389,514; Nov. 20.
Kennedy, Robert E., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling alley. 2,375,663; May 8.
Kennedy, Roi, Los Angeles, W. H. D. Hough, Glendale, and C. H. Bodner, Los Angeles, Calif., assignors, by mesne assignments, to Lockheed Aircraft Corporation. Punch means. 2,374,436; Apr. 24.
Kennedy T., Edward, et al.: *See*—
Howard, William C., Jr., assignor.
Kennedy-Van Saun Mfg. & Eng. Corporation: *See*—
Kennedy, Joseph E., assignor.
Kennedy, Verne C., Evanston, assignor to Dormeyer Corporation, Chicago, Ill. Food mixer power unit. 2,382,158; Aug. 14.
Kennedy, Walter I., Boston, Mass. Tie-holding attachment. 2,389,784; Nov. 27.
Kennedy, Walter W., assignor to Barber-Colman Company, Rockford, Ill. Method of and apparatus for controlling the distribution of air. 2,368,363; Jan. 30.
Kenney, Clarence E., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine nozzle structure. 2,391,786; Dec. 25.
Kenney, Edmund J., Bronxville, N. Y. Vacuum breaker. 2,370,247; Feb. 27.
Kenney, Mahlon W., Oak Park, assignor to J. P. Seeburg Corporation, Chicago, Ill. Automatic phonograph. 2,391,246; Dec. 18.
Kenney, Mahlon W., Oak Park, and H. G. Jensen, assignors to J. P. Seeburg Corporation, Chicago, Ill. Selector for automatic phonographs. 2,382,487; Aug. 14.
Kenney, Mahlon W., Oak Park, and H. G. Jensen, assignors to J. P. Seeburg Corporation, Chicago, Ill. Selector for automatic phonographs. 2,382,488; Aug. 14.
Kenngott, Robert L.: *See*—
Doe, T. B., and Kenngott.
Kennison, Haven, Minneapolis, Minn. Plant root injector. 2,379,160; June 26.
Kent, Earle L., assignor to C. G. Conn, Ltd., Elkhart, Ind. Apparatus for analyzing wave bands. 2,377,242; May 29.
Kent, Floyd A., and C. W. Patrick, Midland, Mich. Crude oil purifiers. 2,378,776; June 19.
Kent, Fred H., Dutton, Ontario, Canada. Manure loader. 2,370,248; Feb. 27.
Kent, Frederick J., Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Lapping. 2,375,003; May 1.
Kent, Frederick J., Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Double twist twister. 2,379,806; July 3.
Kent, Henry, Englewood, N. J. Flint alloy. 2,389,198; Nov. 20.
Kent, Henry J., Toronto, Ontario, Canada. Self-locking screw and nut. 2,384,177; Sept. 4.
Kent, Horace H., Columbus, Ohio. Game racket. 2,369,145; Feb. 13.
Kent, Raymond L.: *See*—
Morris, J. N., and Kent.
Kenworth Motor Truck Corporation: *See*—
Holmstrom, John G., assignor.
Kenworthy, John M., Gainsborough, assignor to E. V. Newey, Castle Donington, and E. M. Blume, London, England. Change speed device. 2,377,697; June 5.
Kenyon Instrument Co., Inc.: *See*—
Newell, Arthur T., assignor.
Raspet, August, assignor.
Waller, Fred, assignor.
Kenyon, Oades J., Santa Barbara, Calif. Tail structure for aircraft. 2,376,780; May 22.
Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Erection device for gyro verticals. 2,373,120; Apr. 10.
Kenyon, Theodore W., Huntington, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic pilot for aircraft. 2,373,315; Apr. 10.
Kenyon, William O., and T. F. Murray, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Resinous polymer of methylene dioxolane. 2,382,640; Aug. 14.

Kenyon, William O., and W. F. Fowler, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Soluble material which becomes insoluble upon separation from solvent. 2,388,851; Nov. 13.

Keown, Walter W., San Leandro, Calif. Garden implement. 2,376,970; May 29.

Kepler, Lawrence A.: *See*—
Walle, N. F., Sr., Maynard, and Kepler.

Keplinger, Robert B., Canton, and C. A. Fry, Minerva, Ohio. Machine for molding tuyères. 2,391,424; Dec. 25.

Kepner, Hugh C., et al., executors: *See*—
Hoof, Addison C.

Kepner, Robert C.: *See*—
Dendler, R. E., and Kepner.

Kerber, Joseph H.: *See*—
Drott, E. A., and Kerber.

Kercher, Roy S.: *See*—
Furnas, W. C., Schumacher, and Kercher.

Keresztesy, John C., Westfield, and J. R. Stevens, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Dicarboxylic acid derivatives of lower alkyl ethers of vitamin B_6 and preparing the same. 2,390,593; Dec. 11.

Kerlow Steel Flooring Company: *See*—
Tarof, Ernest L., assignor.

Kern, Emil, assignor to Acco Products, Inc., Long Island City, N. Y. Multiple perforator. 2,389,105; Nov. 13.

Kern, Rudolf, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Condensation products and producing same. 2,390,153; Dec. 4.

Kerner, Jacob, Chelsea, Mass. Combination stop and pusher. 2,372,499; Mar. 27.

Kernot, Joseph C., Mayfield, near Tunbridge Wells, and V. Silberstein, Kensington, London, England. Treatment of oil or fat containing material for the recovery of oil or fat therefrom. 2,368,028; Jan. 23.

Kerotest Manufacturing Company: *See*—
Lowther, John W., assignor.

Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Flexible knife mounting for bean snippers. 2,376,062; May 15.

Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Corn cutter. 2,386,955; Oct. 16.

Kerr, Charles, Jr., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine locomotive. 2,387,913; Oct. 30.

Kerr, James Gordon, Washington, D. C., assignor to Moore Business Forms, Inc. Carbon interleaved record assembly. 2,390,259; Dec. 4.

Kerr, Orange B., Holly Springs, Miss. Brooder. 2,388,157; Oct. 30.

Kerr, Ralph W., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Preparation of modified starch product. 2,380,848; July 31.

Kerr, Robert, Detroit, Mich. Release device for safety roof exits. 2,389,315; Nov. 20.

Kerr, Thomas J.: *See*—
Hedges, W. D., Lowman, and Kerr.
Hyatt, C. S., and Kerr.

Kerr, Wallace E., Youngstown, Ohio. Drawbench arm mechanism. 2,369,467; Feb. 13.

Kerr, William, Roseville, and W. G. Stolberg, Detroit, Mich., assignors to American Car and Foundry Company, New York, N. Y. Lubricated wedge seal valve. 2,389,670; Nov. 27.

Kerry, John R., Palatine, assignor to The House of Vision, Belgard-Spero, Inc., Chicago, Ill. Fluid pulsator. 2,374,437; Apr. 24.

Kerry, John R., Palatine, Ill., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical device. 2,389,155; Nov. 20.

Kerschbaum, Friedrich P., Dayton, Ohio, assignor to H. T. Stowell, Washington, D. C. Production of chlorine. 2,369,301; Feb. 13.

Kershaw, Henry, Belleville, N. J. Apparatus for welding. 2,385,710; Sept. 25.

Kershaw, Henry, assignor to Speed-Jack Company, Belleville, N. J. Plastics coned disk. 2,376,154; May 15.

Kershaw, John G., Westmount, and H. Fisher, Mount Royal, assignors to Dominion Textile Company Limited, Montreal, Quebec, Canada. Condensing sliver. 2,385,448; Sept. 25.

Kershaw, Robert H., Long Beach, Calif. Lock for wrenches. 2,378,854; June 19.

Kershaw, Wilfred: *See*—
Robins, C., and Kershaw.

Kerstein, Norman A.: *See*—
Rohrig, I. A., and Kerstein.

Kersten, Harold J.: *See*—
Highberger, J. H., and Kersten.

Kersten, Harold J., Cincinnati, Ohio. Humidity responsive device. 2,377,426; June 5.

Kerstetter, Russel F., Mechanicsburg, Pa. Log grab hook. 2,372,724; Apr. 3.

Kerwin, John M., and S. H. Norton, assignors to Thompson Products, Inc., Cleveland, Ohio. Making cold worked hollow stem valves. 2,367,783; Jan. 23.

Keslar, Leroy D., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Laminated glass unit. 2,377,084; May 29.

Kesselring, Fritz, Berlin-Frohnau, F. Gieffers, Berlin-Charlottenburg, and W. Kaufmann, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Circuit breaker. 2,387,589; Oct. 23.

Kessenich, Gregory J.: *See*—
Thibodeau, W. E., and Kessenich.

Kessler, Althea D.: *See*—
Goland, P. P., and Drew, assignors.

Kessler, Benny J.: *See*—
Cosneck, Bernard J., and Kessler.

Kessler, George W., New York, N. Y., assignor to The Babcock & Wilcox Company, Jersey City, N. J. Vapor generation. 2,387,998; Oct. 30.

Kessler, Gordon A.: *See*—
Teichmann, C. F., Goldsby, Kessler, and Neuhaus.

Kessler, Lee H., Springville, N. Y. Stone crushing apparatus. 2,373,691; Apr. 17.

Kessler, Robert E., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Synchronizing generator. 2,384,931; Sept. 18.

Kessler, Ward P., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Window. 2,367,129; Jan. 9.

Kessler, Ward P., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,377,427; June 5.

Kessler, Wilbur, Newtown Square, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker apparatus. 2,390,154; Dec. 4.

Kessler, Wilbur, Newtown Square, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker. 2,390,155; Dec. 4.

Keto, August I., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shielding transformer structure. 2,370,045; Feb. 20.

Kett Tool Company, The: *See*—
Koett, Albert C., assignor.

Kettering, Charles F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Variable pitch propeller control. 2,377,633; June 5.

Kettering, Charles F., and A. W. Fischer, assignors to General Motors Corporation, Detroit, Mich. Automatic control. 2,377,698; June 5

Kettering, Eugene W., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Piston. 2,379,359; June 26.

Kettering, Eugene W., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Hydraulic valve adjusting means. 2,380,051; July 10.

Ketting, Leendert, Secaucus, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,370,971; Mar. 6.

Ketting, Leendert, Secaucus, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,374,020; Apr. 17.

Ketting, Leendert, Secaucus, assignor to Keuffel & Esser Company, Hoboken, N. J. Drafting machine. 2,377,429; June 5.

Kettler, Clarence J.: *See*—
Hogan, J. H., Kettler, Judkins, and Hall.

Keuffel, Adolf W., Essex Fells, and R. Straub, North Bergen, assignors to Keuffel & Esser Company, Hoboken, N. J. Drawing instrument. 2,366,449; Jan. 2.

Keuffel, Adolf W., and H. F. Schermerhorn, Montclair, assignors to Keuffel & Esser Company, Hoboken, N. J. Method and apparatus for preparing highly legible tapes. 2,374,356; Apr. 24.

Keuffel & Esser Company: *See*—
Heireth, Arvid, assignor.
Jacobus, D. D., and Bose, assignors.
Ketting, Leendert, assignor.
Keuffel, A. W., and Schermerhorn, assignors.
Keuffel, A. W., and Straub, assignors.
Schneider, Walter H., assignor.

Keuning, Klaas J.: *See*—
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.

Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry marking machine. 2,370,735; Mar. 6.

Keuper, William J., assignor to The National Marking Machine Company, Cincinnati, Ohio. Laundry marking machine. 2,384,035; Sept. 4.

Kew, Charles E., Hamburg, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Electrical control system. Re. 22,588; Jan. 9.

Kewanee Machinery Conveyor Co.: *See*—
Fulper, John H., assignor.

Kewaunee Manufacturing Company: *See*—
Reineck, Edward A., assignor.

Keyes, Grafton H.: *See*—
Brooker, L. G. S., and Keyes.

Keyes, John J., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulated electrical conductor. 2,370,046; Feb. 20.

Keys, Theodore F., Jeannette, Pa. Piercer. 2,390,309; Dec. 4.

Keystone Signalphone Company: *See*—
Cooney, Lawrence J., assignor.
Hamilton, George E., assignor.

Kezer, Henry A., El Paso, Tex. Solar heater. 2,382,722; Aug. 14.

Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of sulphonyl chlorides. 2,383,319; Aug. 21.

Kharasch, Morris S., Chicago, Ill., and W. B. Reynolds, Cincinnati, Ohio, assignors to Research Corporation, New York, N. Y. Preparation of limonene. 2,382,641; Aug. 14.
Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of saturated aliphatic carboxylic acid with sulphuryl chloride and products thereof. 2.383,320; Aug. 21.
Khoury, George H., Corona, N. Y. Lady's reversible handbag. 2,369,239; Feb. 13.
Kiar, Mogens, Shawinigan Falls, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polymerization of vinyl esters in emulsion. 2,388,602; Nov. 6.
Kibler, Alfred G.: *See*—
Spurlino, P., Carroll, Colley, and Kibler.
Kibler, Alfred G., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,371,525; Mar. 13.
Kibler, Louis E., assignor to A. K. Robins & Company, Inc., Baltimore, Md. Lye peeler. 2,391,630; Dec. 25.
Kidd, Earl H.: *See*—
Shaw, J. C., and Kidd.
Kidd, Wilmot H., Sharon, Mass., assignor to The Foxboro Company, Foxboro, Mass. Sugar refining control. 2,377,634; June 5.
Kidde Manufacturing Co., Inc.: *See*—
Honegger, John A., assignor.
Kidde, Walter & Company, Inc.: *See*—
Willenborg, Walter J., assignor.
Kidder, Austin C.: *See*—
Whitney, L. A., and Kidder.
Kidder, Gordon W.: *See*—
Fontana, M. G., Kidder, and Kraus.
Kidrick, Emmett F., and W. G. Miller, Bremerton, Wash. Printing press. 2,375,793; May 15.
Kiechle, Paul, New York, N. Y. Saw grinding device. 2,379,642; July 3.
Kiefer, Edwin F., and W. G. Krellner, assignors to Stackpole Carbon Company, St. Marys, Pa. Treating electrodes. 2,368,306; Jan. 30.
Kiefer, Karl, Machine Company, The: *See*—
Hallead, M., and Fechheimer, assignors.
Kiel, Karl B. W., Glashutte, Germany; vested in the Alien Property Custodian. Selecting mechanism for calculating machines. 2,378,560; June 19.
Kielland, Jan, Bergen, Norway; vested in the Alien Property Custodian. Method and apparatus for counting blood corpuscles. 2,369,577; Feb. 13.
Kiene, Dorothy S.: *See*—
Kiene, William J., assignor.
Kiene, William J., assignor to D. S. Kiene, Chicago, Ill. Valve. 2,368,927; Feb. 6.
Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Polar quinonyl sulphonamides as printing aids. 2,371,101; Mar. 6.
Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Diquinonyl amides in vat color compositions. 2,371,102; Mar. 6.
Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Vat dye compositions containing mixed diamides of dibasic acids. 2,371,103; Mar. 6.
Kienle, Roy H., C. A. Amick, and A. L. Peiker, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. N,n'-di(amino)diamides of dicarboxylic acids as printing assistants. 2,371,104; Mar. 6.
Kienle, Roy H., Bound Brook, and A. L. Peiker, East Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Textile printing emulsions and preparing them. 2,374,602; Apr. 24.
Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Acyl quinone sulphonamides as printing aids. 2,383,393; Aug. 21.
Kienle, Roy H., Bound Brook, and A. L. Peiker, East Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Composition for printing flexible materials. 2,383,937; Sept. 4.
Kienle, Roy H., and C. A. Amick, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Color compositions containing salts of monoquinonyl-acid-amides. 2,391,836; Dec. 25.
Kienninger, John F., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Photographic printing. 2,366,267; Jan. 2.
Kienninger, John F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Imbibition printing. 2,387,914; Oct. 30.
Kierspe, Raymond L., Fort Wayne, Ind., assignor to General Electric Company. Die for coating ribbon wire. 2,380,729; July 31.
Kiersted, Wynkoop, Jr., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Filtration. Re. 22,646; May 29.
Kiersted, Wynkoop, Jr., assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,378,734; June 19.
Kiesel, Leopold E., New York, N. Y. Layout apparatus. 2,376,601; May 22.
Kieselbach, Henry A., Montclair, and E. R. Williams, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. High temperature insulating shape and manufacture. 2,388,549; Nov. 6.
Kiesling, Le Roy H., Brooklyn, N. Y. Multiple-car dumbwaiter system. 2,370,546; Feb. 27.
Kiesling, Le Roy H., Brooklyn, N. Y. Mechanism for dispensing stacked articles. 2,373,029; Apr. 3.
Kiesow, Lothar, Wheaton, assignor to Sears, Roebuck and Co., Chicago, Ill. Baby carriage. 2,378,931; June 26.
Kiff, Arthur L., Hammondsport, N. Y. Crate. 2,378,224; June 12.
Kiffer, Alfred D., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Alcohol antifreeze liquid. 2,384,553; Sept. 11.
Kiggins, Charles A., Los Angeles, Calif. Flushing gun with convertible nozzle. 2,366,969; Jan. 9.
Kilborn, Karl B., assignor to Wingfoot Corporation, Akron, Ohio. Rubber cushioning unit and making same. 2,382,569; Aug. 14.
Kilburg, James: *See*—
Keen, T. A., and Kilburg.
Kilchenmann, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Opposed-piston engine. 2,372,676; Apr. 3.
Kilchenmann, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Reversible supercharged two-stroke internal-combustion engine. 2,375,852; May 15.
Kilduff, Charles J., Baltimore, Md., assignor to Industrial Chemicals, Inc., New York, N. Y. Static eliminator. 2,375,304; May 8.
Kile, Jess S., assignor to Cabin Crafts, Dalton, Ga. Method and machine for making tufted articles. 2,389,914; Nov. 27.
Kilgore Development Corporation: *See*—
Kilgore, Lowell B., assignor.
Kilgore, George R., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,372,282; Mar. 27.
Kilgore, Joseph D., assignor of one-half to E. A. Cottingham, Athens, Ohio. Holder for cigars and cigarettes. 2.373,629; Apr. 10.
Kilgore, Lee A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Impulse generator. 2,376,781; May 22.
Kilgore, Lowell B., Arlington, Va., assignor to Kilgore Development Corporation. Rubberlike compositions. 2.376,782; May 22.
Kilgore, Robert E., Detroit, assignor to N. A. Woodworth Company, Ferndale, Mich. Cutoff toolholder. 2,390,653; Dec. 11.
Kilian, Rudolph R., Baldwinsville, assignor to Rollway Bearing Co., Inc., Syracuse, N. Y. Double acting reciprocating air motor. 2,380,315; July 10.
Killefer Manufacturing Corporation: *See*—
Mitchell, Rollie H., assignor.
Mitchell, R. H., and Thomas, assignors.
Killen, William B. M.: *See*—
Butler, J. F., and Killen.
Killingsworth, Robert B.: *See*—
Shipp, V. L., Pabst, and Killingsworth.
Killman, Robert T., Nashville, Tenn. Automatic nozzle. 2,388,852; Nov. 13.
Kilpatrick, Edward L., Arlington, Va. Determining vertical angle of incidence of radio waves. 2,379,909; July 10.
Kiltie, Ordean, Fort Wayne, Ind., assignor to General Electric Company. Electric translating apparatus. 2,372,966; Apr. 3.
Kimball, James L., Danvers, assignor to Ruggles-Klingemann Mfg. Co., Salem, Mass. Regulator. 2,378,410; June 19.
Kimball, Vernon R., Maywood, assignor to Bendix Aviation Corporation, Bendix, N. J. Gyro erecting mechanism. 2,370,904; Mar. 6.
Kimball, Wallace D., Middle Haddam, and E. Ardell, Middletown, assignors to Standard-Knapp Corporation, Portland, Conn. Labeling machine. 2,375,305; May 8.
Kimbell, Richard G., Chevy Chase, Md., assignor to Timber Engineering Company, Washington, D. C. Timber connector. 2,377,156; May 29.
Kimberlin, Carna M., Spokane, Wash. Heater. 2,367,356; Jan. 16.
Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Production of ethyl benzene. 2,373,030; Apr. 3.
Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Alkylating aromatic constituents. 2,373,031; Apr. 3.
Kimberlin, Charles N., Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Preparing ethyl benzene. 2,377,243; May 29.
Kimmell, Garman O., Oklahoma City, Okla. Removing samples from flowing streams. 2,376,542; May 22.
Kimmig, Emil W., Rutherford, and F. J. Peters, Clifton, N. J., assignors to Continental Can Company, Inc., New York, N. Y. Apparatus for degreasing containers. 2,380,968; Aug. 7.
Kimpton, William H.: *See*—
Hill, F. B., and Kimpton.
Kincaid, Frank M., Jr.: *See*—
Hill, H. C., Jackes, and Kincaid.

Kincaid, Robert L., Arlington, Va. Holder for cleaning cloth. 2,384,178; Sept. 4.
Kincannon, Leo T., assignor to Metal Products Corporation, Milwaukee, Wis. Fuel supply for two-cycle, crankcase compression engines. 2,388,331; Nov. 6.
Kind, Rudolf K., New Hyde Park, and R. H. Konikoff, Garden City Park, N. Y.; said Konikoff assignor to said Kind. Lock. 2,370,800; Mar. 6.
Kinder, Cloyd L., deceased, East Pasadena, Calif.; V. Kinder, administratrix. Internal-combustion engine. 2,384,422; Sept. 4.
Kinder, Verna, administratrix: *See*—
Kinder, Cloyd L.
Kindervater, Julius, Richmond, Va., assignor to American Locomotive Company, New York, N. Y. Flexible hollow stay-bolt construction for boilers. 2,383,394; Aug. 21.
Kindland, Erick N., Jamestown, N. Y. Utility hammer. 2,377,157; May 29.
Kiner, Glenn, Markham, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Group-call telephone system. 2,374,357; Apr. 24.
Kinetic Chemicals, Inc.: *See*—
Benning, A. F., and Park, assignors.
Downing, F. B., Benning, and McHarness, assignors.
King, Alexander H., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Multiple magneto drive. 2,390,886; Dec. 11.
King, Bertell W., Brooklyn, N. Y. Variable-speed clutch. 2,374,866; May 1.
King, Charles F., Cincinnati, Ohio, assignor to The Lithographic Technical Foundation, Inc., New York, N. Y. Preparation of lithographic plates. 2,390,944; Dec. 11.
King, Charles H., assignor to Clark Equipment Company, Buchanan, Mich. Roller. 2,368,144; Jan. 30.
King, Charles M., Huntington Park, assignor to Baker Oil Tools, Inc., Vernon, Calif. Parking device. 2,368,928; Feb. 6.
King, Charles S., assignor to Blockson Chemical Co., Joliet, Ill. Vitreous compositions consisting of oxides of alkali metal, phosphorous, and other selected divalent metal. 2,370,472; Feb. 27.
King, Charles S., assignor to Blockson Chemical Co., Joliet, Ill. Water treatment. 2,370,473; Feb. 27.
King, Charley H., Rockingham, N. C. All metal-adjustable jack strap. 2,370,406; Feb. 27.
King, Clarence Van H., Jr.: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway.
King, Claude R.: *See*—
Clark, A. R., and King, C. R. and H. J.
King, Donald R., assignor to Joshua Hendy Iron Works, Sunnyvale, Calif. Reaming tool. 2,368,476; Jan. 30.
King, Eldon, Lansing, Kans. Cigarette dispensing apparatus. 2,373,476; Apr. 10.
King, Ellis G., Pittsburgh, assignor to Armstrong Cork Company, Lancaster, Pa. Insulating material and making the same. 2,373,401; Apr. 10.
King, Frank S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Gravel guard construction. 2,367,824; Jan. 23.
King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for machine tools. 2,370,047; Feb. 20.
King, George E., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,389,367; Nov. 20.
King, George E., Swissdale, assignor to Westinghouse Electrical Corporation, East Pittsburgh, Pa. Control system. 2,389,368; Nov. 20.
King, Harold A., Birmingham, Mich. Automotive vehicle. 2,390,260; Dec. 4.
King, Harold J.: *See*—
Clark, A. R., and King, C. R. and H. J.
King, Harry, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Workpiece feeding means for machine tools. 2,382,013; Aug. 14.
King, Irving, and B. R. Burg, Los Angeles, Calif. Frozen confection dispenser. 2,385,579; Sept. 25.
King, James, Glendale, Calif. Refrigerator car construction. 2,372,961; Apr. 3.
King, James T., Burbank, Calif. Quick-coupling clamp. 2,368,929; Feb. 6.
King, James T., Burbank, Calif. Fishing reel. 2,388,979; Nov. 13.
King, James T., Burbank, Calif. Fishing reel. 2,389,515; Nov. 20.
King, James T., Burbank, Calif. Hose clamp. 2,389,785; Nov. 27.
King, John A.: *See*—
Smith, L. I., and King.
King, Robert A., New York, N. Y., and J. C. Word, Jr., and J. J. Sims, Phillips, Tex., assignors to Phillips Petroleum Company. Treatment of aqueous fluoride solutions. 2,371,759; Mar. 20.
King, Ronald D., and N. F. Wood, Portsmouth, England. Making self-locking nuts. 2,391,712; Dec. 25.
King, Samuel E., Torrance, Calif. Hand tool for making strips from sheet material. 2,387,450; Oct. 23.
King, Thomas E., Hartsdale, assignor to Lord & Burnham Company, Irvington, N. Y. Building construction. 2,377,788; June 5.
King, Victor L., Bound Brook, and H. P. Orem, North Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Nitroso beta naphthol composition. 2,391,837; Dec. 25.
King, Walter G., Jr.: *See*—
Lee, A. P., and Gray.
King, Walter T., Denville, N. J. Forming tool. 2,377,888; June 12.
King, Wilbert A.: *See*—
Krotzer, A. R., King, and Kleiner.
King, William H., assignor to Behr-Manning Corporation, Troy, N. Y. Method of and apparatus for making pile fabrics. 2,376,922; May 29.
King, William R., Mineola, Tex. Intermitter timing device. 2,380,969; Aug. 7.
Kingerley, Richard W., Jr., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compositions and processes. 2,391,631; Dec. 25.
Kingman, Russell B., Orange, N. J. Scouring implement. 2,376,783; May 22.
Kingman, Russell B., Orange, N. J. Mute for stringed musical instruments. 2,386,899; Oct. 16.
Kingman, Russell B., Orange, N. J. Scourer for kitchen utensils. 2,386,900; Oct. 16.
Kingman, Russell B., Orange, N. J. Mute for stringed musical instruments. 2,388,550; Nov. 6.
Kingman, Russell B., Orange, N. J. Stringed instrument mute. 2,388,551; Nov. 6.
Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Strainer unit. 2,371,895; Mar. 20.
Kingsbury, Edward J., assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Chip breaking structure. 2,391,463; Dec. 25.
Kingsbury, Franklin L., Rumson, S. S. Cole, Metuchen, N. J., and W. B. Anderson, Brooklyn, assignors to National Lead Company, New York, N. Y. Composite titanium dioxide pigments and making the same. 2,369,468; Feb. 13.
Kingsbury, Leon V., South Bend, Ind., assignor to The Oliver Corporation. Power lift and power-driven implement. 2,384,623; Sept. 11.
Kingsbury Machine Tool Corporation: *See*—
Kingsbury, Edward J., assignor.
Kingsinger, Roland, G. Pinkham, and W. Friegel, assignors to L. A. Young Spring and Wire Corporation, Detroit, Mich. Screw machine. 2,372,004; Mar. 20.
Kingslake, Rudolf, and M. Reiss, assignors to Eastman Kodak Company, Rochester, N. Y. Projection system. 2,384,624; Sept. 11.
Kingsland, George M.: *See*—
Guler, G. D., and Kingsland.
Kingston, Arthur C., et al.: *See*—
Young, William D., assignor.
Kingston, Walter E., Emporium, Pa., assignor to Sylvania Electric Products Inc. Metal insert for vacuum-tight sealing. 2,369,146; Feb. 13.
Kingston, Walter E., Emporium, Pa., assignor to Sylvania Electric Products Inc., Salem, Mass. Composite glass-metal alloy article. 2,371,627; Mar. 20.
Kinkead, Fullerton S.: *See*—
Bacon, W. M., and Kinkead.
Bacon, W. M., Kinkead, and Krecek.
Kinkead, Fullerton S., New York, and J. A. Krecek, New Rochelle, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph station selector system. 2,369,578; Feb. 13.
Kinkead, Fullerton S., New York, N. Y., and W. Y. Lang, Towaco, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph switching system. 2,375,794; May 15.
Kinkead, Fullerton S., deceased, New York, by R. S. Kinkead, Trudau, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,379,910; July 10.
Kinkead, Rita S., administratrix: *See*—
Bacon, W. M., and Kinkead.
Kinkead, Fullerton S.
Kinker, Clarence C., Montreal, West, Quebec, Canada, assignor to O'Neill Patents Limited, La Salle, Quebec. Glassware forming machine. 2,376,602; May 22.
Kinley, Myron M., Houston, Tex. Fluid influx indicator. 2,377,501; June 5.
Kinnard, Frank M., et al.: *See*—
Turner, James, assignor.
Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Journal box. 2,369,302; Feb. 13.
Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Coupler. 2,382,232; Aug. 14.
Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Car coupler. 2,386,476; Oct. 9.
Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,383,656; Aug. 28.
Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Coupler. 2,384,748; Sept. 11.
Kinnear, Clarence W., Houston, Tex. Drill. 2,380,112; July 10.
Kinnear, James W., Jr., Pittsburgh, Pa. Producing high-tensile strength deep-drawing steel. 2,389,516; Nov. 20.

Kinney, Jesse J., Pikeville, Ky. Center finder for tunnel excavations and the like. 2,376,700; May 22.
Kinney, Le Baron W., Jr., assignor to The White Motor Company, Cleveland, Ohio. Tilting cab. 2,376,491; May 22.
Kinney Manufacturing Company: *See*—
Barron, John T., assignor.
Kinney, Selwyne P., Pittsburgh, Pa., assignor to H. A. Brassert & Company, New York, N. Y. Filter. 2,371,760; Mar. 20.
Kinninger, Arthur M., assignor of one-half to C. A. Kinninger, Dayton, Ohio. Wall form tie. 2,370,174; Feb. 27.
Kinninger, Carl A.: *See*—
Kinninger, Arthur M., assignor.
Kinsel, Anthony: *See*—
Breth, F. W., and Kinsel.
Kinser, Vernon, Butterfield, Mo. Steering stabilizer. 2,382,424; Aug. 14.
Kinser, Vernon, Detroit, Mich. Transmission. 2,383,974; Sept. 4.
Kinsman, Earle V., Scotia, N. Y., assignor to General Electric Company. Electric time delay relay. 2,368,477; Jan. 30.
Kinsman, Earle V., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,372,005; Mar. 20.
Kintner, Charles J.: *See*—
Ridgway, E. O., Tucker, and Kintner.
Kintz, Earl E., Cleveland, Ohio. Storage rack. 2,380,316; July 10.
Kintzing, Reese T.: *See*—
Immel, R. B., and Kintzing.
Kipp, Calvin P., Summit, N. J., assignor to Speed Products Company, New York, N. Y. Perforating device. 2,373,121; Apr. 10.
Kirby, Charles F., assignor to himself and C. R. Kirby, Berkeley, Calif., as joint tenants. Rule setting gauge. 2,389,316; Nov. 20.
Kirby, Charles R.: *See*—
Kirby, Charles F., assignor.
Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, as trustee, Cleveland, Ohio. Laundry machine. 2,381,545; Aug. 7.
Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of long-chain tertiary amines. 2,366,534; Jan. 2.
Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and products therefrom. 2,371,052; Mar. 6.
Kirby, James E., Wilmington, Del., and J. F. Lontz, Gadsden, Ala., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Diamine derivatives. 2,375,853; May 15.
Kirby, James E., and J. F. Lontz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disinfectant compositions. 2,388,614; Nov. 6.
Kirby, James E., and D. W. Woodward, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Immobile N-substituted naphthylamine dye intermediates. 2,389,575; Nov. 20.
Kirby, James J., Chicago, Ill. Soldering machine. 2,369,240; Feb. 13.
Kirby, John S., Indianapolis, Ind., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Package for furniture. 2,378,932; June 26.
Kirby, Walter G., and L. E. Steinle, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming scrap vulcanized rubber. 2,372,584; Mar 27.
Kirby, Walter G., and L. E. Steinle, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Reclaiming waste polychloroprenes. 2,391,714; Dec. 25.
Kirby, Wilfred: *See*—
Nasmith, J. I., and Kirby.
Kirchmeyer, Frederick J.: *See*—
Moore, M. B., and Kirchmeyer.
Kirchner, George J., Mount Lebanon, Pa., assignor to National Tube Company. Outlet trough and mandrel bar arrangement for tube-piercing mills. 2,384,312; Sept. 4.
Kirk, Charles C.: *See*—
Waller, Percy H., assignor.
Waller, P. H., and Nottingham, assignors.
Kirk, Charles C., et al.: *See*—
Williamson, Russell B., assignor.
Kirk, Douglas: *See*—
Johnson, W. C., and Kirk.
Kirk, Joseph S., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicic acid sols. 2,383,653; Aug. 28.
Kirk, Lawrence T., Abbeville, S. C. Railroad torpedo setter. 2,387,915; Oct. 30.
Kirk, Paul L., and R. Q. Boyer, Berkeley, assignors to Ventura Tool Company, Ventura, Calif. Detecting flaws in pipes and the like. 2,371,176; Mar. 13.
Kirk, Philip M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of esters of aconitic acid. 2,375,563; May 8.
Kirk, Roy C.: *See*—
McConica, Thos. H., III, MacPhail, and Kirk.
Kirk, Roy C., assignor to The Dow Chemical Company, Midland, Mich. Production of magnesium. 2,380,449; July 31.
Kirk, Roy C., C. E. Nelson, and T. H. McConica, III, assignors to The Dow Chemical Company, Midland, Mich. Recovery of magnesium from vapor mixtures. 2,391,713; Dec. 25.
Kirkbride, Chalmer G., assignor to Pan American Refining Corporation, Texas City, Tex. Desalting of mineral oil. 2,366,792; Jan. 9.
Kirkbride, Chalmer G., Galveston, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Recovery of liquid hydrocarbons from high pressure wells. 2,374,104; Apr. 17.
Kirkhill, Inc.: *See*—
Lewis, H. B., and Larson, assignors.
Kirkland, Nicodemus E., Leeds, Ala.; K. K. Curl, administratrix of said Nicodemus E. Kirkland, deceased. Potato grater. 2,376,603; May 22.
Kirkpatrick, Edward C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of higher molecular weight dicarboxylic acids. 2,372,090; Mar. 20.
Kirkpatrick, Joseph R.: *See*—
Focke, T. B., Dahlstron, and Kirkpatrick.
Kirkpatrick, William C., Alhambra, assignor to J. R. and W. Thompson, Los Angeles, Calif. Method and apparatus for converting ore. 2,390,105; Dec. 4.
Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation process. 2,367,287; Jan. 16.
Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Isomerization of pinene to camphene. 2,385,711; Sept. 25.
Kirkwood, Loren R.: *See*—
Holst, P. F. G., and Kirkwood.
Kirsch Company: *See*—
Allen, Archie A., assignor.
Keahey, Frank S., assignor.
Kirsch, Frank K., Detroit, Mich., assignor to Wales-Strippit Corporation, North Tonawanda, N. Y. Punch and die mounting. 2,381,062; Aug. 7.
Kirsch, Paul, Woodhaven, N. Y., assignor to C. P. Goerz American Optical Company. Apparatus for polishing optical flats. 2,383,131; Aug. 21
Kirsch, Sidney, Brooklyn, N. Y. Table cover panel and retaining means therefor. 2,367,948; Jan. 23.
Kirschenbauer, Hans G., Allendale, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Production of unsaturated compounds. 2,388,158; Oct. 30.
Kirschenbauer, Hans G., Allendale, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Producing unsaturated compounds. 2,389,260; Nov. 20.
Kirsebom, Gustaf N., Nordeide, Norway; vested in the Alien Property Custodian. Producing or refining aluminum. 2,382,723; Aug. 14.
Kirshner, Abraham S.: *See*—
Pecker, J. S., Simpson, and Kirshner.
Kirst, William E.: *See*—
Davis, C. O., and Kirst.
Kis, John, Racine, Wis. Universal machine head brake. 2,376,492; May 22.
Kisbey, Roy D., San Francisco, Calif. Brake structure. 2,377,430; June 5.
Kisch, Louis A.: *See*—
Goodloe, A. M., and Kisch.
Kisch, Louis A., Little Falls, assignor to Metal Textile Corporation, West Orange, N. J. Filter and strainer medium. 2,374,755; May 1.
Kisch, Louis A., Little Falls, and E. J. Herter, Jr., Ridgewood, assignors to Metal Textile Corporation, West Orange, N. J. Strainer body and harness therefor. 2,374,756; May 1.
Kiser, Nathaniel L., Emporium, Pa., assignor to Sylvania Electric Products Inc. Push-pull electron tube. 2,374,684; May 1.
Kish, John S., Youngstown, Ohio. Combined goggles and respirator. 2,372,834; Apr. 3.
Kishline, Floyd F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Body mount. 2,384,096; Sept. 4.
Kisky, Christian, Oswego, Oreg. Toothbrush. 2,378,641; June 19.
Kispert, Joseph J., New Haven, Conn. Corset. 2,367,875; Jan. 23.
Kispert, Joseph J., New Haven, Conn. Corset. 2,367,876; Jan. 23.
Kispert, Joseph J., Branford, Conn. Corset. 2,379,444; July 3.
Kispert, Joseph J., Branford, Conn. Uplift corset. 2,379,445; July 3.
Kissel, William L., and H. D. Palmer, Hartford, assignors, by mesne assignments, to West Bend Aluminum Co., West Bend, Wis. Starting device. 2,374,685; May 1.
Kissock, Alan, Laurelton, N. J. Separation and recovery of molybdate and alumina from spent catalysts. 2,367,506; Jan. 16.
Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding wheels. 2,384,683; Sept. 11.
Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding wheels. 2,384,684; Sept. 11.

Kistner, Merrill M., Chicago, Ill. Steam-electric pressing and ironing device. 2,384,839; Sept. 18.
Kite, Robert P.: *See*—
Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.
Kitley, Fred L.: *See*—
Jansen, B. M., and Kitley.
Kittel, Claude, assignor to The Crosley Corporation, Cincinnati, Ohio. Selective device. 2,371,761; Mar. 20.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,256; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,257; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,258; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,259; Aug. 21.
Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,383,260; Aug. 21.
Kitter, Vladimir, New York, N. Y. Stable packaged pharmaceutical preparation and method of preparing the same. 2,380,970; Aug. 7.
Kitterman, Don M.: *See*—
Rice, C. V., and Kitterman.
Kittess, Jason J., Los Angeles, Calif. Capping apparatus. 2,385,004; Sept. 18.
Kittinger, Charles E., Missoula, Mont. Raising sunken ships. 2,390,654; Dec. 11.
Kittler, Georg, Opperau, near Breslau, Germany; vested in the Alien Property Custodian. Apparatus for the mechanical loading of beetroots. 2,378,144; June 12.
Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Variable Venturi type carburetor. 2,367,507; Jan. 16.
Kittler, Milton J., and R. L. Ensinger, assignors to G. M. and E. Holley, Detroit, Mich. Accelerating device. 2,387,271; Oct. 23.
Kittleson, Howard B., Salt Lake City, Utah. Computor scale. 2,389,369; Nov. 20.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,389,317; Nov. 20.
Kittredge, Linus E., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,370,736; Mar. 6.
Kitts, William, Los Angeles, Calif., assignor to Adel Precision Products Corp. Hose clamp. 2,383,199; Aug. 21.
Kivari, Arthur M.: *See*—
Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.
Kivley, Ray C., Oak Park, and A. Pearson, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article supporting device. 2,382,233; Aug. 14.
Kjellgren, Bengt R. F., University Heights, assignor to The Brush Beryllium Company, Cleveland, Ohio. Producing beryllium. 2,381,291; Aug. 7.
Kjellson, Henry W., assignor to Irvin Fallskärmsaktiebolag, Stockholm, Sweden. Parachute harness. 2,370,357; Feb. 27.
Kjellström, Stig B.: *See*—
Häger, Bror O., and Kjellström.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Truck suspension system. 2,373,581; Apr. 10.
Kjosness, G. A., et al.: *See*—
McGillicuddy, Addeline J., assignor.
Klagges, Henry C., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Writing implement. 2,390,541; Dec. 11.
Klaiber, Frank L., and H. C. Clark, assignors to R. G. Wright Company, Inc., Buffalo, N. Y. Can upending mechanism. 2,369,742; Feb. 20.
Klammt, Arthur, New York, N. Y., and G. W. Kretzschmar, Garfield, N. J., assignors to W. M. Ritter Lumber Company. Applying finishes to the surfaces of wood or other porous materials. 2,375,113; May 1.
Klamp, Paul: *See*—
Klamp, William and P.
Klamp, William, Lakewood, and P. Klamp, East Canton, Ohio. Program timer. 2,386,956; Oct. 16.
Klancnik, Adolph V. and F. J., Chicago, Ill. Laundry sour. 2,375,664; May 8.
Klancnik, Frank J.: *See*—
Klancnik, Adolph V. and F. J.
Klas, Earl W., Flint, Mich. Rotary valve. 2,369,147; Feb. 13.
Klaucke, Hermann, Worcester, Mass., and R. G. Davis, assignors to Chain Belt Company, Milwaukee, Wis. Conveyer chain. 2,385,923; Oct. 2.
Klazkin, Alfred, Brooklyn, N. Y. Mattress. 2,384,097; Sept. 4.
Klazkin, Alfred, and M. J. Danciger, Brooklyn, N. Y. Gasoline station pump nozzle strainer. 2,368,145; Jan. 30.
Kleber, Jackson O., Long Island City, N. Y. Weighing apparatus adapted for operation by the blind. 2,383,321; Aug. 21.
Kleen Refrigerator, Inc.: *See*—
Erland af Kleen, Nils, assignor.
Kleimack, Joseph J., Bayonne, and G. L. Pearson, Millington, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor device. 2,389,915; Nov. 27.
Klein, Bernard, Baltimore, M. Electrolytic decomposing gas generator. 2,373,032; Apr. 3.
Klein, Charles H., Cincinnati, assignor to Progress Lithographing Company, Reading, Ohio. Grinding fixture. 2,391,317; Dec. 18.
Klein, Clarence F., and E. Huber, assignors to Frankenberg Bros., Inc., Columbus, Ohio. Forming cardboard boxes. 2,387,272; Oct. 23.
Klein, Clarence J., Hollidays Cove, W. Va., assignor to National Steel Corporation. Roll changing apparatus for electrolytic coating lines. 2,388,980; Nov. 13.
Klein, David X., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing chloroindanthrones. 2,377,158; May 29.
Klein, Felix, New York, N. Y. Swing faucet. 2,383,724; Aug. 28.
Klein, Frederick: *See*—
Gale, Leonard, assignor.
Klein, Gustav, Elkins Park, Pa. Dual valve control for gas burners. 2,373,189; Apr. 10.
Klein, Gustav, Atlantic City, N. J. Heating stove. 2,374,438; Apr. 24.
Klein, Harry H., Woodhaven, N. Y. Hair curler. 2,379,807; July 3.
Klein, Harry R., Chicago, Ill. Faucet attachment. 2,382,066; Aug. 14.
Klein, James B., assignor to Micromatic Hone Corporation, Detroit, Mich. Honing device. 2,383,657; Aug. 28.
Klein, Richard, Detroit, Mich. Hair curling apparatus. 2,374,291; Apr. 24.
Klein, Robert E., West Allis, Wis., assignor to Chain Belt Company, Milwaukee, Wis. Conveyer structure. 2,373,477; Apr. 10.
Klein, Victor G.: *See*—
Rotter, L. C., and Klein.
Rotter, L. C., Klein, Reisert, and Schneller.
Kleinberg, Benjamin W., assignor, by mesne assignments, to G. A. Frank, doing business as Lapelle Co., New York, N. Y. Dispensing container. 2,390,945; Dec. 11.
Kleiner, Julius H.: *See*—
Krotzer, A. R., King, and Kleiner.
Kleinhans, Earl S., Santa Monica, and W. W. Reaser, Pacific Palisades, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Air conditioning system. 2,391,838; Dec. 25.
Kleinholz, Milton P.: *See*—
Herlocker, R. D., Kleinholz, and Watkins.
Kleinman, Jacob L., New York, N. Y. Razor. Re. 22,638; Apr. 24.
Kleinmann, Max, assignor, by mesne assignments, to Dimple Tie Corporation, New York, N. Y. Necktie and lining therefor. 2,370,670; Mar. 6.
Kleinschmidt, Bernard L., Highland Park, Ill. Sheet pile marker. 2,382,998; Aug. 21.
Kleintop, Harold E., Parkersburg, assignor to Korb-Pettit Wire Fabrics & Iron Works, Inc., Philadelphia, Pa. Conveyer belt drive mechanism. 2,386,558; Oct. 9.
Kleist, Dale, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for manufacturing bonded fibrous mats. 2,373,077; Apr. 3.
Kleist, Dale, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Guide for glass and the like fibers. 2,373,078; Apr. 3.
Kleit, Morris W., Teaneck, N. J. Sonant respiration indicator. 2,376,971; May 29.
Klemm, Harry A. R., Rutherford, N. J. Muffler. 2,382,159; Aug. 14.
Klemm, Herman G., Towson, and C. H. Niles, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Apparatus for photographic printing. 2,378,933; June 26.
Klemme, Carl J., Bronxville, and R. Baltzly, New York, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Mandelic acid ester of n-methylpiperidinol-4. 2,370,114; Feb. 20.
Klemmer, Edward H.: *See*—
Fountain, L. L., and Klemmer.
Klemperer, H.: *See* —
Dawson, J. W., and Klemperer.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical control system. 2,366,197; Jan. 2.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Electric control apparatus. 2,375,229; May 8.
Klemperer, Hans, Belmont, assignor to Raytheon Manufacturing Company, Newton, Mass. Voltage regulator. 2,383,492; Aug. 28.
Klemperer, Otto, Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device. 2,367,130; Jan. 9.
Klemperer, Wolfgang B.: *See*—
Adams, H. W., and Klemperer.
Klemperer, Wolfgang B., West Los Angeles, Calif. Ranging device. 2,384,098; Sept. 4.
Klemperer, Wolfgang B., Los Angeles, and G. Tharratt, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Gun mounting with periscopic articulated gun sight. 2,366,410; Jan. 2.

Klemperer, Wolfgang B., West Los Angeles, and S. J. Goldberg, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Torpedo director. 2,384,036; Sept. 4.
Kleven, Samuel L., Augusta, Maine. Shoe sole construction. 2,368,845; Feb. 6.
Kleven, Samuel L., Augusta, Maine. Shoe sole construction. 2,370,905; Mar. 6.
Klick, George C., Fort Lauderdale, Fla. Easel. 2,376,063; May 15.
Klimkiewicz, Rudolph J., assignor, by mesne assignments, to Empire Electric Brake Company, Newark, N. J. Hydraulic brake mechanism. 2,377,699; June 5.
Kline, Bernard L., Manhasset, assignor to The Western Union Telegraph Company, New York, N. Y. Ink. 2,375,230; May 8.
Kline, Bernard L., Manhasset, and C. E. Mobius, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Conductive papers. 2,374,214; Apr. 24.
Kline, Harry, North Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Plasticized resin compositions. 2,380,599; July 31.
Kline, John E.: *See*—
Connor, K. W., and Kline, assignor.
Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Method and means for generating helices. 2,378,302; June 12.
Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Generating helices of varying depth. 2,384,625; Sept. 11.
Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Adjustable feed for tools. 2,386,901; Oct. 16.
Kline, John E., Grosse Pointe Farms, and C. S. White, Dearborn, assignors to Micromatic Hone Corporation, Detroit, Mich. Device for honing spiral grooves. 2,380,317; July 10.
Kline, Quentin M., Dearborn, Mich. Interest calculator. 2,380,318; July 10.
Kline, William A.: *See*—
Allen, H. D., and Kline.
Kling, Alan L., Newtonville, assignor of one-third to C. F. Laundrey, Needham, and one-third to G. A. Bloom, Newtonville, Mass. Coating compositions. 2,390,887; Dec. 11.
Kling, Alfred G.: *See*—
Jorgenson, J. P., and Kling.
Kling Bros. Engineering Works: *See*—
Jorgenson, J. P., and Kling, assignors.
Kling, Harold A., New Haven, Conn. Practice device for golf putting. 2,383,866; Aug. 28.
Kling, Ralph B., and G. A. Seeley, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,374,358; Apr. 24.
Klingaman, George W., Lynnport, Pa., assignor to Radio Corporation of America. Radio frequency coupling network. 2,390,839; Dec. 11.
Klingberg, Einar G., Long Island City, F. Stadelmann, Valley Stream, and H. R. Freund, assignors to Intertype Corporation, Brooklyn, N. Y. Apparatus for photographic composition. 2,391,021; Dec. 18.
Klingelhoefer, William C.: *See*—
Moyer, W. W., and Klingelhoefer.
Klingen, Leendert, Martinez, assignor to Shell Development Company, San Francisco, Calif. Injector for conduits. 2,386,122; Oct. 2.
Klingensmith, John P., Massillon, assignor to Goodyear Aircraft Corporation, Akron, Ohio. Combined fastener and spacer. 2,368,364; Jan. 30.
Klinglesmith, Henry E., Los Angeles, Calif. Device for polishing locomotive crank pins. 2,382,642; Aug. 14.
Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Combustion control. 2,376,701; May 22.
Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Combustion regulation. 2,379,008; June 26.
Klinzing, August, Milwaukee, Wis. Burial urn. 2,385,520; Sept. 25.
Klipsch, Paul W., Hope, Ark., assignor of twenty percent to R. L. Smith, Houston, Texas. Loud-speaker. 2,373,692; Apr. 17.
Klomp, Alfred W., assignor to Ex-Cell-O Corporation, Detroit, Mich. Rotary tool head. 2,368,846; Feb. 6.
Kloner, Irving I., Brooklyn, N. Y. Socket support for fluorescent light fixtures. 2,376,363; May 22.
Kloner, Joseph H., Brooklyn, N. Y. Illuminated bubbling ornament. 2,378,934; June 26.
Klopak, Joseph: *See*—
Olson, T. A., and Klopak.
Klopfer, Karl, Zurich-Oerlikon, assignor to the firm Holding Intercito, Zürich, Switzerland. Electrode feeding appliance. 2,380,450; July 31.
Klopp, John H., Middle River, and E. R. Koscera and H. F. Finke, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Boresighting adapter. 2,367,288; Jan. 16.
Klose, Alfred J., Rolling Hills, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Airplane aileron system. 2,369,832; Feb. 20.
Klose, Alfred J., Inglewood, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Airplane wing structure. 2,370,801; Mar. 6.
Klose, Alfred J., Inglewood, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Combination overturn structure and air scoop for airplanes. 2,370,802; Mar. 6.
Kloss, Elmer C., Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Core box. 2,391,715; Dec. 25.
Klosterman, Joseph J., deceased, by M. Klosterman, executrix, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,388,063; Oct. 30.
Klosterman, Mary, executrix: *See*—
Klosterman, Joseph J.
Kluge, Eneval, assignor to Brandtjen & Kluge, Inc., St. Paul, Minn. Printing press. 2,368,365; Jan. 30.
Kluge, Eneval, assignor to Brandtjen & Kluge, Inc., St. Paul, Minn. Platen mounting. 2,390,156; Dec. 4.
Klumb, Carl E., and C. Gruel, West Bend, Wis., assignors to West Bend Equipment Corporation. Lift truck. 2,372,585; Mar. 27.
Klumb, Stanley G., Milwaukee, Wis., Gaseous discharge tube. 2,372,208; Mar. 27.
Kluttz, John D.: *See*—
Mooney, Charles F., assignor.
Kmentt, Waldemar D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coating shaft articles. 2,388,159; Oct. 30.
Kmiecik, Leo J., assignor to Everett N. McDonnell, Chicago, Ill. Temperature relief valve. 2,389,437; Nov. 20.
Knabe, Martin C.: *See*—
McCloskey, R. F., Jr., and Knabe.
Knaggs, Nelson S., Cincinnati, Ohio, assignor to Moore Business Forms, Inc. Hectograph printing ink. 2,382,796; Aug. 14.
Knake, Max C., Washburn, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aromatic nitrocompounds. 2,380,246; July 10.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Flask or jug liner. 2,376,064; May 15.
Knapp, Franklin E., Dayton, Ohio. Pump. 2,374,867; May 1.
Knapp, George, Clayton, Mo., assignor to Certain-Teed Products Corporation, New York, N. Y. Process of and apparatus for impregnating webs. 2,367,587; Jan. 16.
Knapp, Kenneth C., Oxford, Kans. Pipe-line reclaimer. 2,386,615; Oct. 9.
Knapp-Monarch Company: *See*—
Huck, Alfred J., assignor.
Knapp, Andrew S., assignor.
Moeller, George L., assignor.
Ward, Lawrence T., assignor.
Knapp, Shepherd, Jenkintown, Pa. Cabinet for foods or the like. 2,388,746; Nov. 13.
Knapp, William A., assignor to General Chemical Company, New York, N. Y. Insecticides and using. 2,385,284; Sept. 18.
Knauer, Berthold, East Norwalk, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Latching device. 2,371,896; Mar. 20.
Knebel, Ernst J. B., Upsala, Sweden. Manufacture of vinegar. 2,390,717; Dec. 11.
Kneibler, Arthur R., assignor to Cooper's, Incorporated, Kenosha, Wis. Undergarment. 2,385,995; Oct. 2.
Knecht, C. I., et al.: *See*—
Wood, Oliver W., assignor.
Kneisley Electric Company: *See*—
Kneisley, R. F., and Hawley, assignors.
Kneisley, Richard F., and F. S. Hawley, Toledo, Ohio, assignor to Kneisley Electric Company. Electronic fence circuit control. 2,390,946; Dec. 11.
Kneissler, Walter, Roselle, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Automatically adjustable edge guide for sewing machines. 2,370,547; Feb. 27.
Knepflar, John C.: *See*—
Alling, E. Roy, and Knepflar.
Knibbe, Klaas: *See*—
Tjaarda, J., and Knibbe.
Knick, Ulrich, Berlin-Zehlendorf-West, Germany; vested in the Alien Property Custodian. Compensating arrangement for television tubes. 2,371,897; Mar. 20.
Kniel, Ludwig, Jackson Heights, assignor to The Lummus Company, New York, N. Y. Alkylation. 2,382,067; Aug. 14.
Knies, Daniel, Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,384,179; Sept. 4.
Knight, Arthur H.: *See*—
Heywood, B. J., Knight, and Lapworth.
Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,749; Sept. 11.
Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,755; Sept. 11.
Knight, Arthur H., and W. E. Stephen, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,373,693; Apr. 17.

Knight, Arthur H., and W. E. Stephen, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,374,158; Apr. 17.
Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo acid dyestuffs. 2,384,750; Sept. 11.
Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo acid dyestuffs. 2,384,751; Sept. 11.
Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,752; Sept. 11.
Knight, Arthur H., and W. E. Stephen, Blackley, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,753; Sept. 11.
Knight, Arthur H., and W. E. Stephen, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,384,754; Sept. 11.
Knight Bros.: *See*—
Kurillo, Max, assignor.
Knight, Clarence F., McGrann, Pa. Bark removing machine. 2,379,581; July 3.
Knight, Claude L.: *See*—
Wormell, Robert L., and Knight.
Knight, Cosler D., Chicago, Ill., assignor to Zenith Radio Corporation. Frequency response control. 2,390,794; Dec. 11.
Knight, Edward, Nitro, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for the liquid treatment of fibrous material. 2,391,096; Dec. 18.
Knight, Frank H., Cranston, R. I., and R. T. Watts, New York, N. Y., said Watts assignor to said Knight. Union. 2,391,632; Dec. 25.
Knight, Gordon Y., Huntington, Ind. Spike puller. 2,378,303; June 12.
Knight, Ira W., assignor to Grinnell Corporation, Providence, R. I. Sprinkler releasing means. 2,374,686; May 1.
Knight Leather Products Co., Inc.: *See*—
Renz, Emil C., assignor.
Knight, Milton, Maumee, R. W. Wampler and W. J. Arner, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transparent closure. 2,375,369; May 8.
Knight, Milton, Maumee, and C. D. Lowry, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Transparent closure. 2,388,786; Nov. 13.
Knight, Newland D., Molbile, Ala. Shotgun shell and tracer unit. 2,368,029; Jan. 23.
Knights, James, Company, The: *See*—
Faber, Leon A., assignor.
Knipp, Joseph P., Long Beach, Calif. Signaling device. 2,371,526; Mar. 13.
Knitter, Elmer T., Redwood City, Calif. Razor blade sharpener. 2,381,669; Aug. 7.
Knoblock, Frederick D., Birmingham, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Differential mechanism. 2,385,864; Oct. 2.
Knochel, Edward S., and J. J. Pasela, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Cable clamp. 2,372,962; Apr. 3.
Knoizen, Arthur S., Franklin, Pa., and J. F. Joy, Washington, D. C., assignors to Joy Manufacturing Company. Loading machine. 2,367,784; Jan. 23.
Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,379,968; July 10.
Knott, Edward B., Wealdstone, England, assignor to Eastman Kodak Company, Rochester, N. Y. Retardation of diffusion of sensitizing dyes. 2,367,508; Jan. 16.
Knott, Edward B., Wealdstone, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic materials. 2,369,469; Feb. 13.
Knowles, Edwin F., and C. M. De Witt, Phoenix, Ariz., assignors of two-thirds to said Knowles and one-third to said De Witt. Merchandise storage and dispensing rack. 2,372,500; Mar. 27.
Knowles, Frank W., Seattle, Wash. Ice rink floor. 2,371,396; Mar. 13.
Knowles, Frank W., assignor to Beltice Corporation, Seattle, Wash. Freezing food. 2,385,140; Sept. 18.
Knowles, Hugh S., assignor to J. K. Knowles, River Forest, Ill. Training apparatus. 2,375,004; May 1.
Knowles, John O., Colwyn Bay, M. N. Humphreys, Llandudno, North Wales, and J. S. Davies, assignors to Brookhirst Switchgear Limited, Chester, England. Electromagnetically operated device. 2,373,479; Apr. 10.
Knowles, Josephine K.: *See*—
Knowles, Hugh S., assignor.
Knowles, Raymond L.: *See*—
Colton, H. S., Knowles, and Frischmuth.
Knowles, Silvy H., Oklahoma City, Okla. Turnbuckle tool. 2,390,310; Dec. 4.
Knowlton, Clarence S., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High and low voltage detector. 2,367,509; Jan. 16.
Knowlton, Cutler D., Rockport, assignor, by mesne assignments, to Hoague-Sprague Corporation, Lynn, Mass. Box-making apparatus. 2,381,961; Aug. 14.
Knowlton, Cutler D., Rockport, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and machine for attaching soles. 2,386,902; Oct. 16.
Knowlton, Cutler D., Rockport, and D. Edgar, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating hides, skins, and leather. Re. 22,649; June 5.
Knowlton, Eben: *See*—
Norden, Axel G., assignor.
Knox, Arthur L., and F. Kahl, Fort Wayne, Ind., assignors to Farnsworth Television and Radio Corporation. Pickup arm mounting. 2,366,858; Jan. 9.
Knox, Arthur L., and F. Kahl, Fort Wayne, Ind., assignors to Farnsworth Television and Radio Corporation. Pickup arm control. 2,387,916; Oct. 30.
Knox, David M., assignor to American Car and Foundry Company, New York, N. Y. Lubricated plug valve. 2,373,964; Apr. 17.
Knox, David M., assignor to American Car and Foundry Company, New York, N. Y. Lubricated plug valve. 2,373,965; Apr. 17.
Knox, Harry A., Washington, D. C. Hydraulic check. 2,367,220; Jan. 16.
Knox, Harry A., Washington, D. C. Bearing. 2,380,971; Aug. 7.
Knox, Harry A., Washington, D. C. Track shoe. 2,389,156; Nov. 20.
Knox, Harry A., Washington, D. C. Track shoe. 2,389,438; Nov. 20.
Knox, Harry A., Washington, D. C., and B. F. Baker, Riverdale, Md. Power transmission apparatus for track-laying vehicles. 2,389,624; Nov. 27.
Knox, Harry A., Washington, D. C. Track shoe. 2,390,542; Dec. 11.
Knox, James J., Avenel, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vitrifiable flux and bonding composition containing same. 2,385,580; Sept. 25.
Knox, Julia S. M., assignor of one-half to L. R. Temple, Richmond, Va. Surgical cot. 2,374,488; Apr. 24.
Knox, William T., Jr.: *See*—
Hibshman, H. J., and Knox.
Knuckey Truck Company: *See*—
Brumbaugh, Andrew K., assignor.
Knudsen, Arthur K., Oak Park, and A. V. Sampsel, Spring Valley, Ill., assignors to Sears, Roebuck and Co. Coketree breaker. 2,370,175; Feb. 27.
Knudsen, Knud J., Warren, Ohio. Electrical ratio meter. 2,391,168; Dec. 18.
Knudsen, Percy E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Container for corrosive substances. 2,384,099; Sept. 4.
Knudsen, Percy E., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass-lined containers for corrosive substances. 2,385,924; Oct. 2.
Knudsen, Percy E., and L. G. Diera, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Drain structure. 2,381,500; Aug. 7.
Knudsen, Richard R., Chicago, Ill. Protractor. 2,384,100; Sept. 4.
Knudsen, Valdemar: *See*—
McLemore, P. C., and Knudsen.
Knudtson, Carl T., Blue Earth, Minn. Carton or box opener. 2,391,247; Dec. 18.
Knutson, Amos T., and E. F. Graves, Midland, Mich., assignors to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubrication. 2,387,999; Oct. 30.
Knutzen, Max T., assignor to The John Bertram & Sons Co. Limited, Dundas, Ontario, Canada. Control means for power operated machinery. 2,378,304; June 12.
Knutzen, Max T., assignor to The John Bertram & Sons Co. Limited, Dundas, Ontario, Canada. Fluid control valve. 2,381,501; Aug. 7.
Kobe, Inc.: *See*—
Mestas, Ricardo, assignor.
Koberlein, Louis F.: *See*—
Conrad, K. F., and Koberlein.
Kobler, Paul, Lynbrook, N. Y. Copyholder. 2,369,241; Feb. 13.
Kobler, Victor and W., Zurich, Switzerland. Dry-shaving apparatus. 2,379,969; July 10.
Kobler, Werner: *See*—
Kobler, Victor and W.
Kobligk, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Car body. 2,369,579; Feb. 13.
Koch Butchers' Supply Company: *See*—
Grant, Joseph L., assignor.
Koch, Edward L., Williston Park, assignor to George W. Gates & Co., Inc., Long Island, N. Y. Ultraviolet lamp. 2,382,939; Aug. 14.
Koch, George J.: *See*—
MacNeille, S. M., and Koch.
Koch, George J., assignor to Eastman Kodak Company, Rochester, N. Y. Stereoscopic acuity testing device. 2,391,248; Dec. 18.
Koch, George J., and R. P. Leavitt, assignors to Eastman Kodak Company, Rochester, N. Y. Matrix guide. 2,384,626; Sept. 11.
Koch, Harry O., Wichita, Kans. Line snatch. 2,370,358; Feb. 27.
Koch, Harry O., Wichita, Kans. Egg decapper. 2,391,169; Dec. 18.
Koch, Heinrich: *See*—
Von Freyberg, H., and Koch.

Koch, Henry, Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Bone conduction audiphone. Re. 22,658; Aug. 7.
Koch, Henry C., Chicago, Ill., assignor to Manufacturers Specialty Company. Building siding material. 2,382,234; Aug. 14.
Koch, Herman G.: *See*—
Leistensnider, G. P., and Koch.
Koch, Louis A., Louisville, Ky. Manufacturing automobile exhaust extension. 2,370,737; Mar. 6.
Koch, Paul F., Chicago, Ill., assignor to Chicago Die Casting Manufacturing Company. Nonchattering motor base. 2,370,048; Feb. 20.
Koch, Stanley J., Clifton, and R. E. Rutherford, Rutherford, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode ray tube plate assembly. 2,372,901; Apr. 3.
Koch, Stanley J., Clifton, and J. H. Robillard, East Orange, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Centering device for electron guns. 2,379,488; July 3.
Koch, William F., Detroit, Mich. Production of unsaturated bodies from hexose oxidation products. 2,382,425; Aug. 14.
Koch, William W., assignor to Hercules Powder Company, Wilmington, Del. Plastic composition. 2,389,370; Nov. 20.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Wave frequency monitor. 2,366,628; Jan. 2.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Volume control. 2,367,357; Jan. 16.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation receiver tuning aid. 2,371,397; Mar. 13.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Receiver fidelity control system. 2,379,720; July 3.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation receiving system. 2,379,721; July 3.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Multiband receiver with band spread. 2,383,322; Aug. 21.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Power output amplifier circuit. 2,383,867; Aug. 28.
Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Permeability tuning system. 2,389,986; Nov. 27.
Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,382,426; Aug. 14.
Koci, Ludvik J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Compensating thermostat. 2,390,947; Dec. 11.
Koci, Ludvik J., Chicago, Ill., assignor to Chicago Flexible Shaft Company. Compensating thermostat. 2,390,948; Dec. 11.
Kodama, George: *See*—
Ehlers, G. M., Coldwell, and Kodama.
Koebel, Charles J., Grosse Pointe, assignor to Koebel Diamond Tool Company, Detroit, Mich. Disk diamond dressing tool. 2,380,451; July 31.
Koebel Diamond Tool Company: *See*—
Koebel, Charles J., assignor.
Koebel, Joseph H., Rock Island, Ill. Safety window screen and door lock. 2,379,970; July 10.
Koehler, Arthur F., Yuma, Ariz. Magazine for riveting machines. 2,368,847; Feb. 6.
Koehler, Conrad, Erskine, Minn. Quack grass digging apparatus. 2,384,685; Sept. 11.
Koehler, Otto A., San Antonio, Tex. Plastic bottle cap. 2,372,725; Apr. 3.
Koehler, William, Cleveland Heights, Ohio. Fire extinguisher. 2,385,449; Sept. 25.
Koehn, Nathaniel, Berkeley, Calif. Blow gun. 2,369,356; Feb. 13.
Koehring Company: *See*—
Beckwith, Raymond A., assignor.
Lichtenberg, Erich H., assignor.
Poulter, John W., assignor.
Koeln, Carl C., St. Louis County, Mo. Removable drilling bit. Re. 22,690; Nov. 6.
Koen, Lee O.: *See*—
Bowling, Leonard C., assignor.
Koenig, Charles L., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of sodium hydrosulphides. 2,376,434; May 22.
Koenig, Edward L., Wilmette, Ill. Chair. 2,369,580; Feb. 13.
Koenig, Herold L., Maple Heights, W. C. Billheimer, Euclid, and H. T. Havlick, Erieside, assignors to Willard Storage Battery Company, Cleveland, Ohio. Post seal for battery containers. 2,387,590; Oct. 23.
Koenig, Werner, Lucerne, Switzerland, assignor to Landis & Gyr, A. G. Remote-control plant. 2,380,766; July 31.
Koerber, Walter L.: *See*—
Bunney, W. E., and Koerber.
Koester, Norman C., Lancaster, H. A. Benzel, Marilla, and R. D. Ledwin, assignors to Scott Aviation Corporation, Lancaster, N. Y. Swivel wheel mounting. 2,366,268; Jan. 2.
Koether, Emil A., Baltimore, Md., assignor by mesne assignments to Koppers Company, Inc. Piston ring. 2,380,767; July 31.
Koett, Albert C., assignor to The Kett Tool Company, Cincinnati, Ohio. Chuck. 2,372,006; Mar. 20.
Kohl, William R., Glenview, Ill. Window-shield. 2,383,132; Aug. 21.
Kohl, William R., Glenview, Ill. Garment bag rack and bagger. 2,385,996; Oct. 2.
Kohler, Cullie R., et al.: *See*—
Kohler, Joseph H., assignor.
Kohler, Gladys, et al.: *See*—
Kohler, Joseph H., assignor.
Kohler, Harriet S., Westport, Conn. Maternity garment. 2,370,049; Feb. 20.
Kohler, Henry F., Baytown, Tex., assignor to Standard Oil Development Company. Separation of mono- and di-alkyl esters of sulphuric acid. 2,380,532; July 31.
Kohler, John, Hartford, Conn, assignor to M. Swift & Sons, Inc. Printing medium. 2,372,209; Mar. 27.
Kohler, Joseph H., deceased, Calumet City, Ill.; Mercantile Bank, administrator, assignor of two-thirds to G. Kohler and one-third to C. R. Kohler, Hammond, Ind. Seal. 2,366,629; Jan. 2.
Köhler, Peter R. M. M., Stockholm, Sweden. Evaporator for absorption refrigerating apparatus. 2,384,313; Sept. 4.
Kohlhaas, John V., Philadelphia, Pa. Concrete floor construction. 2,377,944; June 12.
Kohl-Stilwell Engineers: *See*—
Reinhard, Gustav A., assignor.
Kohman, Girard T., Summit, and C. H. Prescott, Jr., Boonton, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distillation method and apparatus. 2,368,665; Feb. 6.
Kohn, Koby, New York, N. Y., assignor to A. F. Hubbard, Tipp City, Ohio. Method of and apparatus for signaling. 2,389,786; Nov. 27.
Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Type chase. 2,373,966; Apr. 17.
Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Type chase. 2,373,967; Apr. 17.
Kohorn, Oscar, & Co. Ltd.: *See*—
Pollak, Fritz, assignor.
Kohout, George A., Chicago, Ill. Furnace grate. 2,380,452; July 31.
Koht, Thorvald A. P. Thronsen, assignor to Logan Engineering Co., Chicago, Ill. Ball gear lock. 2,368,584; Jan. 30.
Kokoska, John F., Cicero, Ill. Parachute. 2,377,502; June 5.
Kolar, Stanislav M., Chicago, and A. G. Sternberg, Glen Ellyn, assignors to Allied Finishing Specialties Co., Chicago, Ill. Coating material. 2,374,603; Apr. 24.
Kolarik, Frank, Cicero, Ill. Automobile window screen. 2,388,747; Nov. 13.
Kolb, Emile, La Plaine Saint-Denis, France; vested in the Alien Property Custodian. Quinoline salts as insecticides. 2,387,591; Oct. 23.
Kolb, John W., De Kalb, Tex. Antiglare headlight. 2,380,849; July 31.
Kolb, Norman C.: *See*—
Gage, W. H., and Kolb.
Kolias, Christ E., Chicago, Ill. Automobile theft indicator and hood lock. 2,385,285; Sept. 18.
Kollath, Francis C., Chicago, Ill. Electric soldering iron. 2,366,910; Jan. 9.
Kollenberg, Conrad H., Goose Creek, Tex., assignor to Standard Oil Development Company. Catalytic cracking process. 2,382,724; Aug. 14.
Koller, Peter B., Jr., assignor to Buffalo Jewelry Case Company, Inc., Buffalo, N. Y. Jewelry box. 2,380,052; July 10.
Kollman, Charles F., Fort Wayne, Ind. Merchandise display appliance. 2,367,289; Jan. 16.
Kollman, Jack, Chicago, Ill., assignor to Ekco Products Company. Multiple pan set. 2,377,015; May 29.
Kollmeyer, Margaret A., Milwaukee, Wis. Fountain brush. 2,385,865; Oct. 2.
Kolodny, Charles, Baltimore, Md. Card table. 2,387,030; Oct. 16.
Komeda, Jean, Schaerbeek-Brussels, Belgium; vested in the Alien Property Custodian. Increasing the efficiency of insect destroying drug extracts. 2,376,702; May 22.
Komel Corporation, The: *See*—
Gaver, Kenneth M., assignor.
Komenak, Albert J., assignor to The Excelsior Hardware Company, Stamford, Conn. Lockable hasp fastener. 2,374,687; May 1.
Komenda, Erwin, Stuttgart-Korntal, Germany; vested in the Alien Property Custodian. Vehicle body construction. 2,388,419; Nov. 6.
Komives, Laszlo I., J. W. Courtis, D. E. F. Thomas, Detroit, Mich., assignors, by mesne assignments, to International Standard Electric Corporation, N. Y. Polymerized cable blocks. 2,391,055; Dec. 18.
Konaszewski, Stanley: *See*—
Hall, Roy M., assignor.
Konfektonsaktiebolaget, Viking: *See*—
Fridlund, Y. A., and Hedman, assignors.
Konikoff, Robert H.: *See*—
Kind, Rudolf K., assignor.

Konikoff, Robert H., assignor to J. Cohen, L. Passloff, O. Schneebalg, and D. Weinberg, New York, N. Y., copartners doing business under the firm name of American Lambskin Products. Machine for cutting skins. 2,385,712; Sept. 25.

Koniuszy, Frank R.: *See*—
Folkers, K., and Koniuszy.

Konrad, William L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,385,211; Sept. 18.

Konrad, William L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,385,212; Sept. 18.

Konrad, William L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for communication systems. 2,389,987; Nov. 27.

Konsel, John, Masapequa, N. Y. Razor blade sharpener and adjustable mirror. 2,366,338; Jan. 2.

Kooiker, Ralph L., Hull, Iowa. Portable truck grain elevator. 2,388,921; Nov. 13.

Kooistra, Lambert, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid atomizer. 2,372,283; Mar. 27.

Koon, Archie W., assignor to Columbian Rope Company, Auburn, N. Y. Moldable plastics composition and preparing same. 2,372,433; Mar. 27.

Koonz, John C.: *See*—
Quinell, L. E., and Koonz.
Quinnell, La V., and Koonz.

Koonz, John C., and L. E. Quinnell, assignors, by mesne assignments, to The Magnavox Company, Fort Wayne, Ind. Solenoid firing mechanism for machine guns. 2,368,307; Jan. 30.

Kooperativa Forbundet Forening, U. P. A.: *See*—
Dahlberg, T. O. R., and Vigborg, assignors.

Kooperativa Förbundet Förening U. P. A.: *See*—
Johnsson, Thure A., assignor.

Kooyman, Adrianus A., Chicago, Ill., assignor to International Harvester Company. Lid construction. 2,368,146; Jan. 30.

Kopetzky, Karl A., Chicago, Ill. Remote radio control. 2,388,748; Nov. 13.

Kopf, Robert Y., assignor of one-half to Hammond Iron Works, Warren, Pa., and one-half to K. C. Fulton and H. F. Pierce, Titusville, Pa. Oil filter. 2,391,318; Dec. 18.

Koplin, Harry, A. R. Slate, and D. A. Haunost, assignors to Zephyr Laundry Machinery Company, Chicago, Ill. Centerless grinder. 2,375,306; May 8.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Automatic control or indicator. 2,380,972; Aug. 7.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Control for fluid operated motors. 2,380,973; Aug. 7.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Fluid control valve. 2,380,974; Aug. 7.

Kopp, Carl J., assignor to Federal Electric Company, Inc., Chicago, Ill. Automatic control for fluid operated pistons. 2,380,975; Aug. 7.

Kopp, Rudolph J., Sandusky, Ohio. Automobile license stamp holder. 2,368,991; Feb. 6.

Koppel, Charles, Robbinsville, N. J. Knitting machine of a cylinder type. 2,368,224; Jan. 30.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Two-stage water heater. 2,374,757; May 1.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Connection for containers. 2,382,489; Aug. 14.

Koppel, Ernst R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Safety pilot for gas heaters. 2,384,314; Sept. 4.

Koppel, Ernst R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Hot-water storage heater. 2,385,450; Sept. 25.

Koppel, William M., Pawtucket, R. I. Closing die. 2,379,088; June 26.

Koppelman, Edward, North Hollywood, Calif. Windshield wiper motor. 2,385,084; Sept. 18.

Koppelmann, Floris, and W. Leukert, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Commutator device. 2,378,561; June 19.

Koppenhoefer, Robert M., Jackson Heights, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Emulsified petroleum products. 2,387,157; Oct. 16.

Koppers Company, Inc.: *See*—
Becker, Joseph, assignor.
Gollmar, Herbert A., assignor.
Gollmar, H. A., and Meredith, assignors.
Hill, William H., assignor.
Koether, Emil A., assignor.
Lohr, F. D., and McGurl, assignors.
Morton, Allen W., assignor.
Seymour, William, assignor.
Shaffer, C. E., and Fisher, assignors.
Shaw, Joseph A., assignor.
Stewart, Hubert L., assignor.
Totzek, Friedrich, assignor.
Van Ackeren, assignor.
Van der Hoeven, B. J. C., and Unroe, assignors.

Koppinger, Nicholas G., St. Clair Shores, assignor to Briggs Manufacturing Company, Detroit, Mich. Surface ornamenting machine. 2,370,317; Feb. 27.

Koppl, Ernest, Huntington Beach, and F. W. Harris, assignors to Patco, Inc., Los Angeles, Calif. Rotary underreamer. 2,382,725; Aug. 14.

Kopplin, Karl J., Normandy, assignor to F. Burkart Manufacturing Company, St. Louis, Mo. Smooth surface fibrous article. 2,373,033; Apr. 3.

Kopplin, Karl J., Normandy, assignor to F. Burkart Manufacturing Company, St. Louis, Mo. Making fiber-body articles. 2,378,642; June 19.

Kopplin, William E., assignor to Crane Packing Company, Chicago, Ill. Removing fins from molded products. 2,380,653; July 31.

Korb, Ernest L., Woodstown, N. J., and J. R. Sabina, Media, Pa. assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized solutions of copper mercaptides. 2,380,976; Aug. 7.

Korber, Hans, Couvet, assignor to Edouard Dubied & Cie. Société Anonyme, Neuchâtel, Switzerland. Production of regular goods in flat knitting machines. 2,374,758; May 1.

Korb-Pettit Wire Fabrics & Iron Works, Inc.: *See*—
Kleintop, Harold E., assignor.

Kordes, Paul J., Milwaukee, Wis. Skidway dolly. 2,370,548; Feb. 27.

Koren, Heiman W., Bronx, assignor to Sonotone Corporation, Elmsford, N. Y. Attenuator. 2,390,840; Dec. 11.

Korenyi, Andrew J., assignor to Blade Master, Incorporated, New York, N. Y. Testing apparatus. 2,374,215; Apr. 24.

Korevec, Edward A., assignor of one-half to L. M. Herkert, Joliet, Ill. Indicating device. 2,374,439; Apr. 24.

Korling, Torkel, Chicago, Ill., assignor to The Folmer Graflex Corporation, Rochester, N. Y. All-metal folding camera stand. 2,374,021; Apr. 17.

Korman, Harry: *See*—
Kaufman, A., and Korman.

Korn, Arthur, Hoboken, N. J., J. W. Hess, and S. L. Ruskin, New York, N. Y. Automatically operated object-locating system. 2,391,633; Dec. 25.

Korn, Harry, Los Angeles, Calif. Self-wiping electric plug connector. 2,391,425; Dec. 25.

Kornei, Otto, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Measuring time intervals. 2,370,176; Feb. 27.

Korneke, Paul B., Scotia, N. Y., assignor to General Electric Company. Electric switch. 2,383,805; Aug. 28.

Kornreich, Harry, et al.: *See*—
Pletman, Harry, assignor.

Korpi, Karl J.: *See*—
Coghlan, C. A., and Korpi.

Korte, Alfred C., St. Louis, and K. Lannert, St. Johns Station, assignors to Carter Carburetor Corporation, St. Louis, Mo. Control for electric fuel pumps. 2 370,249; Feb. 27.

Korte, Clem H., La Canada, Calif. Collapsible chair. 2,388,552; Nov. 6.

Korte, Helmuth, W. Waibel, and J. Metzger, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Apparatus for the chlorination of bast fibers. 2,382,726; Aug. 14.

Korum, Henry E., assignor to Deere & Company, Moline, Ill. Hammer mill. 2,379.360; June 26.

Kosar, John G.: *See*—
Stover, H. E., and Kosar.

Kosaroczy, Karol, Bridgeport, Conn. Work holder and vise. 2,369,901; Feb. 20.

Kosatka, Thomas O., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Fluid seal. 2,367,403; Jan. 16.

Koscera, Ernest R.: *See*—
Klopp, H. H., Koscera, and Finke.

Kosche, Erich: *See*—
Möller, R., and Kosche.

Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Amidophosphates. 2,385,713; Sept. 25.

Kosolapoff, Gennady M., Dayton, Ohio, assignor to Monsanto Chemical Company. Esters of diolefinic phosphonic acids. 2,389,576; Nov. 20.

Kost, Alwin, Portland, Oreg. Motor vehicle steering stabilizer. 2,373,834; Apr. 17.

Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Forming fastening devices. 2,383,133; Aug. 21.

Kostenick, Paul G., Scobey, Mont. Variable speed governor. 2,369.397; Feb. 13.

Köster, Heinrich: *See*—
Serini, A., Köster, and Strassberger.

Kostick, Walter A.: *See*—
Hall, Edward F., assignor.

Kostka, Frank, Buffalo, N. Y. Piano accordion. 2,385,286; Sept. 18.

Kotowicz, Stefan, Chicago, Ill. Peening hammer. 2,390.795; Dec. 11.

Kott, Hermann, West Orange, N. J., assignor to Fish-Schurman Corporation, New York, N. Y. Abrasive composition of matter and forming same. 2,367,404; Jan. 16.

Kott, Hermann, West Orange, N. J., assignor to Fish-Schurmann Corporation, New York, N. Y. Abrasive composition and forming same. 2,367,405; Jan. 16.

Kott, Hermann, West Orange, N. J., assignor to Fish-Schurman Corporation, New York, N. Y. Metallic abrasive composition of matter. 2,367,406; Jan. 16.
Kott, Hermann, West Orange, N. J., assignor to Fish-Schurman Corporation, New York, N. Y. Abrasive bonding alloy. 2,367,407; Jan. 16.
Kott, Hermann, West Orange, N. J., assignor to Alco-Gravure Division of Publication Corporation, New York, N. Y. Exposure meter. 2,386,320; Oct. 9.
Kott, Hermann, West Orange, N. J., and M. Yawitz, assignors to Fish-Schurman Corporation, New York, N. Y. Abrasive compositions and forming same. 2,367,358; Jan. 16.
Kott, John, Portland, Oreg. Bracket for roof boards. 2,388,420; Nov. 6.
Kottemann, Otto A., assignor to W. D. Dodenhoff, Greenville, S. C. Loom picker and joint structure therefor. 2,389,157; Nov. 20.
Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone and Radio Corporation. Metal plate rectifier. 2,378,411; June 19.
Kotterman, Chester A., Livingston, N. J., assignor to Federal Telephone & Radio Corporation. Rectifier electrode connection assembly. 2,386,218; Oct. 9.
Kottman, Arthur A., Davenport, Iowa, assignor, by mesne assignments, to The Bettendorf Company. Slicing machine. 2,375,231; May 8.
Kottmann, Arthur A., Davenport, Iowa, assignor, by mesne assignments, to The Bettendorf Company. Article handling apparatus. 2,379,911; July 10.
Koulicovitch, Maurice, assignor to Societe Genevoise D'Instruments de Physique, Geneva, Switzerland. Electric device for signaling the position of a movable mark. 2,375,665; May 8.
Koupal, Robert J., assignor to Infilco Incorporated, Chicago, Ill. Filter. 2,391,716; Dec. 25.
Kouvallis, Theodore P., Chicago, Ill. Electric heater. 2,380,180; July 10.
Kouyoumjian, Haroutium K., Wakefield, R. I., assignor to Ward Leonard Electric Company. Electromagnet and relay. 2,377,244; May 29.
Kovacs, Frank, Akron, Ohio, assignor to Seiberling Rubber Company, Barberton, Ohio. Manufacturnig tires. 2,382,068; Aug. 14.
Kovacs, Frank, Akron, assignor to Seiberling Rubber Company, Barberton, Ohio. Apparatus for manufacturing tires. 2,382,069; Aug. 14.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time delay relay system. 2,376,784; May 22.
Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating apparatus. 2,390,796; Dec. 11.
Kovitz, Pearl B., assignor of one-half to S. J. Goldfarb, New York, N. Y. Lady's garment. 2,378,088; June 12.
Koza, Charles A., Pittsburgh, Pa., assignor to L. M. Koza, Rochester, N. Y. Device for applying and removing nuts. 2,366,859; Jan. 9.
Koza, Charles A., Pittsburgh, Pa., assignor to Laura M. Koza, Rochester, N. Y. Angle drive for tools or the like. 2,370,906; Mar. 6.
Koza, Laura M.: *See*—
Koza, Charles A., assignor.
Kozanowski, Henry N., Collingswood, N. J., assignor to Radio Corporation of America. Coaxial load resistor for ultra high frequency measurements. 2,387,158; Oct. 16.
Kracklauer, Aloysius C., assignor to Sparkler Manufacturing Company, Mundelein, Ill. Filter. 2,379,582; July 3.
Kradel, Fred L.: *See*—
Heberlein, G. E., and Kradel.
Kraft Cheese Company: *See*—
Link, Oscar J., assignor.
Palmer, Frank D., assignor.
Ray, Don and C., assignors.
Kraft, Guillermo E. C., assignor to Guillermo Kraft Limitada Sociadad Anonima de Impresiones Generales, Buenos Aires, Argentina. Mount for rotary card index boxes and filing cabinets. 2,370,474; Feb. 27.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Rubber articulated joint. 2,366,860; Jan. 9.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for retreading tires. 2,370,972; Mar. 6.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Frictional clutching device. 2,382,570; Aug. 14.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Brake or clutch. 2,386,477; Oct. 9.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Torque transmitting connection. 2,386,478; Oct. 9.
Kraft, Herman T., and F. H. Comey, assignors to The General Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 2,388,421; Nov. 6.
Kraft, Mable A., Chicago, Ill. Shield display. 2,378,935; June 26.
Kraft, Selmer A.: *See*—
Johnson, A. L., and Kraft.
Kraft, Wheaton W., Scarsdale, assignor to The Lummus Company, New York, N. Y. Hydrocarbon fractionation. 2,376,923; May 29.
Krag, Franz K., Chicago, Ill. Can opener. 2,388,615; Nov. 6.
Kramer, Albert J.: *See*—
Flynn, T. P., and Kramer.
Kramer, Andrew A.: *See*—
Clements, Ernest W., assignor.
Kramer, Arthur G.: *See*—
Spurlino, P., Placke, Eickman, and Kramer.
Kramer, Clarence F., Birmingham, assignor to Ford Motor Company, Dearborn, Mich. Receptacle and closure. 2,372,381; Mar. 27.
Kramer, Clarence F., Birmingham, and H. F. Cromwell, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Handhole closure. 2,383,200; Aug. 21.
Kramer, Clarence F., Birmingham, and W. G. Nelson, Iron Mountain, assignors to Ford Motor Company, Dearborn, Mich. Gluing fixture. 2,391,426; Dec. 25.
Kramer, Edward H.: *See*—
Dierking, Lester H., assignor.
Kramer, Frank: *See*—
Goby, Clifford S., assignor.
Kramer, Herman C., New York, N. Y. Crab net. 2,382,-319; Aug. 14.
Kramer, John, Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Wire pay-off reel. 2,390,157; Dec. 4.
Kramer, John, Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Reel for wire-drawing machines. 2,390,158; Dec. 4.
Kramer, Raymond R., Evansville, Ind. Cable armor cutter. 2,374,753; May 1.
Kramer, William: *See*—
Newmark, David, assignor.
Kramig, R. E., & Company, Inc.: *See*—
Bosch, Lester L., assignor.
Kraner, Hobart M., Bethlehem, Pa., assignor to Bethlehem Steel Company. Semisilica brick. 2,384,180; Sept. 4.
Krantz, Edward; H. Krantz, administratrix of said E. Krantz, deceased, assignor of one-half to H. A. Torstenson and one-half to V. Pearson, Chicago, Ill. Magazine hammer. 2,375,419; May 8.
Krantz, Helen, administratrix: *See*—
Krantz, Edward.
Kraps, Leo J., Long Beach, Calif. Burner. 2,379,161; June 26.
Krase, Norman W., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating ethylene. 2,388,160; Oct. 30.
Krasik, Sidney, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Adjustable attenuator. 2,376,785; May 22.
Krasnow, Shelley, New York, N. Y. Method and apparatus for dynamic measurement of borehole radioactivity. 2,371,628; Mar. 20.
Krasnow, Shelley, New York, N. Y., and L. F. Curtis, Montgomery County, Md., assignors to Geophysical Development Corporation, Washington, D. C. Radioactive well logging method and apparatus. 2,384,840; Sept. 18.
Krastel, Oscar, Columbus, Ohio. Piston construction. 2,388,422; Nov. 6.
Kratz, Edwin E., Kansas City, Mo. Fountain pen. 2,382,070; Aug. 14.
Kratzer, Paul, assignor to A. J. Amsler & Co., Schaffhausen, Switzerland. Hydraulically operated hardness testing apparatus. 2,376,155; May 15.
Kraus, Charles A., Providence, R. I., assignor, by mesne assignments, to Jasco, Incorporated. Copolymerization. 2,387,517; Oct. 23.
Kraus, Charles E., assignor to Weddell Tools, Inc., Rochester, N. Y. Cutter. 2,367,221; Jan. 16.
Kraus, Clarence W., Buffalo, N. Y. Building element. 2,384,686; Sept. 11.
Kraus, Edmund, San Antonio, Tex. Peanut harvester. 2,372,586; Mar. 27.
Kraus, Karl J., Mobile, Ala. Weight analyzer. 2,374,105; Apr. 17.
Kraus, Margaret V., et al.: *See*—
Douthitt, Frank W., assignor.
Kraus, Philip B.: *See*—
Fontana, M. G., Kidder, and Kraus.
Kraus, Philip B., Chadd's Ford, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Filtering device. 2,383,868; Aug. 28.
Kraus, Raymond M., Cleveland, assignor to The Dunham Company, Berea, Ohio. Wheel hoe. 2,388,553; Nov. 6.
Krause, August L.: *See*—
Bennett, A. F., Krause, and Jacobson.
Krause, Daniel E., assignor, by mesne assignments, to Gray Iron Research Institute, Inc., Columbus, Ohio. Heat-resistant cast iron. 2,390,594; Dec. 11.
Krause, Ernest W., assignor to Krause Stamping & Manufacturing Company, Wheeling, W. Va. Thread protector. 2,378,710; June 19.
Krause, Norman R., and C. W. Hansen, Racine, Wis. Feed cutter and silo filler. 2,385,451; Sept. 25.
Krause, Norman R., and S. C. Heth, assignors to J. I. Case Company, Racine, Wis. Feeding mechanism. 2,390,949; Dec. 11.
Krause, Philip T.: *See*—
Ledin, Charles, and Krause.

Krause Stamping & Manufacturing Company: *See*—
Krause, Ernest W., assignor.

Kraut, Samuel B., Cleveland Heights, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Canopy for luminaires. 2,381,292; Aug. 7.

Kreager, Paul H., Stoneleigh, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Directional antenna system. 2,390,543; Dec. 11.

Kreamer, A., Inc.: *See*—
Di Lieto, Alfonso L., assignor.

Krebs, Carl C., Columbus, Ohio. Portable rotisserie. 2,379,239; June 26.

Krebs & Co., Zurich: *See*—
Vass, Francis, assignor.

Krebs, Edward C.: *See*—
Avers, F. H., and Krebs.

Krebs, George P.: *See*—
Avers, F. H., and Krebs, assignors.

Krebser, Adolf, Riehen near Basel, and W. Bossard, assignors to J. R. Geigy A. G., Basel, Switzerland. Triazo dyestuffs, their copper compounds, and their manufacture. 2,381,599; Aug. 7.

Krecek, Joseph A.: *See*—
Bacon, W. M., Kinkead, and Krecek.
Kinkead, F. S., and Krecek.

Krecek, Joseph A., New Rochelle, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter exchange system. 2,368,666; Feb. 6.

Krecek, Joseph A., New Rochelle, N. Y., and C. R. Walker, Jersey City, N. J.; said Krecek assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Walker assignor to American Telephone and Telegraph Company. Communication system. 2,366,733; Jan. 9.

Krefft, Herman: *See*—
Kalsing, H., Krefft, Larché.

Krehbiel, Benjamen F., Wichita, Kans. Window unit. 2,373,762; Apr. 17.

Krehbiel, John J., Bridgeport, Conn. Mold for binding books. 2,379,971; July 10.

Kreider, Walter J., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,381,546; Aug. 7.

Kreidl, Ignaz and W., assignors, by mesne assignments, to Synochem Corporation, New York, N. Y. Producing sterilizing and disinfectant products. 2,374,754; May 1.

Kreidl, Werner: *See*—
Kreidl, Ignaz and W.

Kreis, Oscar C.: *See*—
Shoemaker, F. G., and Kreis.

Kreiselman, Joseph, Washington, D. C. Bassinet organization. 2,366,630; Jan. 2.

Kreisler, Jacques: *See*—
Szeglin, A., and Kreisler.

Kreisler, Jacques, Manufacturing Corporation: *See*—
Kreisler, L., and Siska, assignors.
Szeglin, A., and Kreisler, assignors.

Kreisler, Leslie, New York, N. Y., and J. G. Siska, Cresskill, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Expansion band. 2,388,554; Nov. 6.

Kreitner, Johann: *See*—
Nettel, Frederick.
Nettel, F., and Kreitner.

Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Carbon black process. 2,375,795; May 15.

Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Making carbon black. 2,375,796; May 15.

Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Carbon black process and apparatus. 2,375,797; May 15.

Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Carbon black process. 2,375,798; May 15.

Krejci, Joseph C., Kaw, Okla., assignor to Phillips Petroleum Company. Producing acetylene. 2,377,245; May 29.

Krellner, Walter G.: *See*—
Kiefer, E. F., and Krellner.

Kremers, Roland E., Summit, assignor to General Foods Corporation, Hoboken, N. J. Treatment of cashew nut shell liquid and the resulting product. 2,380,319; July 10.

Krenzien, Alvin T., Norfolk, Nebr. Front wheel drive for vehicles. 2,380,181; July 10.

Kresky Manufacturing Company: *See*—
Miller, Clarence A., assignor.

Kresse, Herbert E.: *See*—
Dulken, C. F., and Kresse.

Kresse, Herbert E., and C. F. Dulken, Arlington, N. J. Apparatus for treating yarn. 2,366,198; Jan. 2.

Kress, Otto, Appleton, Wis., and F. Zeitlin, and R. K. Staman, Mechanicville, assignors to West Virginia Pulp and Paper Company, New York, N. Y. Making paper. 2,381,600; Aug. 7.

Kretzschmar, George W.: *See*—
Klammt, A., and Kretzschmar.

Kreuter, Bernard, Farmingdale, and D. G. Duryea, New York, N. Y., assignors to Republic Aviation Corporation. Shipping cradle and assembly support. 2,366,337; Jan. 2.

Kreutz, Rudolph: *See*—
Delegard, C. J., and Kreutz.

Kreutzer, Frederick J.: *See*—
Waterman, A. E., and Kreutzer.

Kreuzer, Barton, Los Angeles, Calif., assignor to Radio Corporation of America. Combination sound recorder and motion-picture camera. 2,379,489; July 3.

Kreyer, John G., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Inflatable boat bottom. 2,367,835; Jan. 23.

Krickler, Frank, Cleveland, Ohio, assignor to Curtiss-Wright Corporation. Force measuring device. 2,383,554; Aug. 28.

Krider, George E., Duncansville, assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crusher plate support. 2,375,370; May 8.

Krieble, Charles C.: *See*—
Howie, K., and Krieble.

Krieble, Vernon K., Hartford, Conn., and R. H. Smellie, Oak Ridge, Tenn. Preparing carboxylic anhydrides. 2,390,106; Dec. 4.

Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition control system. 2,389,439; Nov. 20.

Kriegbaum, George M., Richmond, Ind., assignor to International Harvester Company. Marker for planters. 2,371,827; Mar. 20.

Kriegel, Monroe W.: *See*—
Williams, P. S., and Kriegel.

Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,374,868; May 1.

Krieger, Joseph L., Baltimore, Md. Coating and coating methods. 2,390,217; Dec. 4.

Krieger, William, Lansing, Mich. Abrading and polishing device. 2,370,864; Mar. 6.

Kriewaldt, Alex A., assignor of one-half to H. W. Krueger, Oconto, Wis. Letter opener. 2,388,695; Nov. 13.

Krimsky, Emanuel, Brooklyn, N. Y. Binocular instrument. 2,380,850; July 31.

Kristich, John N., Watsonville, and N. B. Piriach, Cupertino, Calif. Concrete pipe making machine. Re. 22,619; Mar. 13.

Kritscher, Andrew F., Ellwood City, Pa., assignor to National Tube Company. Rotary heating furnace. 2,371,335; Mar. 13.

Kriz, Cletus J.: *See*—
Sherwood, F., and Kriz.

Kroeger, John W., and H. F. O'Connor, Philadelphia, Pa., assignors to Fred'k H. Levey Co., Inc., New York, N. Y. Printing ink containing zein. 2,366,970; Jan. 9.

Kroeger, John W., and H. F. O'Connor, Philadelphia, Pa., assignors to Fred'k H. Levey Co., Inc., New York, N. Y. Resinous products and making them. 2,386,321; Oct. 9.

Kroeger, John W., Drexel Hill Plaza, and D. J. O'Connor, Jr., Yeadon, Pa., assignors to Fred'k. H. Levey Co., Inc., New York, N. Y. Printing inks. 2,389,371; Nov. 20.

Kroeker, Edwin H.: *See*—
Spence, Le R. U., Butterbaugh, and Kroeker.

Kroenlein, Henry A., assignor to The Filtex Corporation, Jackson, Mich. Vacuum sweeper construction. 2,372,007; Mar. 20.

Krofft, Albert: *See*—
Divelbiss, George K., and Krofft.

Krogel, Christopher J., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for testing covers on cores. 2,368,763; Feb. 6.

Krogh, Anker E., Mount Airy, and J. P. Vollrath, assignors to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,367,359; Jan. 16.

Kroh, Harry H.: *See*—
Talbot, A. H., and Kroh.

Kroll, Joseph, Brooklyn, N. Y. Collapsible model form. 2,367,171; Jan. 9.

Kroll, Nathan J.: *See*—
Kroll, Samuel and N. J.

Kroll, Samuel and N. J., Chicago, Ill. Brake mechanism for baby carriages. 2,389,671; Nov. 27.

Kromer, William F., Sharpsburg, assignor to H. K. Porter Company, Inc., Pittsburgh, Pa. Throttle control for locomotives or the like. 2,383,063; Aug. 21.

Kromhout, Andrew, assignor to Elgin Softener Corporation, Elgin, Ill. Multiport rotary valve. 2,388,268; Nov. 6.

Krone, Howard C., River Edge, and W. Meyer, East Orange, assignor to Wheaton Brass Works, Newark, N. J. Hose coupling. 2,381,962; Aug. 14.

Krone, Howard C., River Edge, and W. Meyer, East Orange, assignors to Wheaton Brass Works, Newark, N. J. Self-closing and slow-closing valve. 2,384,627; Sept. 11.

Krone, Howard C., Ridgewood, and W. Meyer, East Orange, assignors to Wheaton Brass Works, Newark, N. J. Tank truck bottom loading and discharge means. 2,384,628; Sept. 11.

Kronenberger, Adam, Berlin, Germany; vested in the Alien Property Custodian. Automatic steering device for aircraft. 2,382,727; Aug. 14.

Kronenbitter, Karl L., Zanesville, assignor to The American Rolling Mill Company, Middletown, Ohio. Corrugated roofing and the like. 2,370,803; Mar. 6.

Kronhaus, Semen, Los Angeles, Calif. Life preserving suit. 2,383,261; Aug. 21.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control. 2,377,503; June 5.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Co., Inc., New York, N. Y. Can feeding means. 2,378,855; June 19.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for displacing air from filled container head spaces. 2,383,975; Sept. 4.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Coating apparatus. 2,387,273; Oct. 23.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container vacuumizing and closing machine. 2,391,319; Dec. 18.
Kropa, Edward L.: *See*—
Pfann, H. F., and Kropa.
Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Tetraallyl silicane and preparing the same. 2,388,161; Oct. 30.
Kropf, Henry W.: *See*—
Bunker, V. W., De Young, and Kropf.
Kropscott, Earle L.: *See*—
Hunter, M. J., and Kropscott.
Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track block. 2,366,450; Jan. 2.
Krotzer, Allen R., Philadelphia, Pa., W. A. King, Memphis, Tenn., and J. H. Kleiner, Atlantic City, N. J., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Production of high viscosity polystyrene. 2,378,089; June 12.
Krouse, Glen N., Columbus, Ohio. Slur-preventing mechanism for printing presses. 2,367,290; Jan. 16.
Krouse, Glen N., Columbus, Ohio. Tension-measuring instrument. 2,372,434; Mar. 27.
Krout, Ray W., Paterson, assignor to Charms Company, Bloomfield, N. J. Vacuum cooker. 2,374,216; Apr. 24.
Kruchten, Edward Q., Chicago, Ill. Work-holding and positioning means. 2,383,201; Aug. 21.
Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape-dispensing machine. 2,388,332; Nov. 6.
Krueger, Archie S., Green Bay, assignor to Marathon Corporation, Rothschild, Wis. Container lifter. 2,369,902; Feb. 20.
Krueger, Arthus C.: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.
Krueger, Edward C., Otsego, assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Belt tightener. 2,368,848; Feb. 6.
Krueger, Emil M., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Sound insulation for fluid conduits. 2,372,587; Mar. 27.
Krueger, Harold W.: *See*—
Kriewaldt, Alex A., assignor.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Dispenser for tacky tape. 2,366,971; Jan. 9.
Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Tape serving machine. 2,370,671; Mar. 6.
Krueger, Theodore H., Shelton, Conn. Making of bags and envelopes. 2,372,008; Mar. 20.
Krueger, William H., assignor to Flangelock Patents Corporation, Milwaukee, Wis. Scaffolding. 2,379,446; July 3.
Kruger, Isidor, Brookline, Mass. Cloth pinning device. 2,384,554; Sept. 11.
Kruger, Theodore, Peoria, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Air distribution to burners. 2,379,490; July 3.
Kruger, William P., New York, N. Y., assignor to Electrons, Inc., Newark, N. J. Tube and base structure. 2,383,263; Aug. 21.
Kruitbosch, Harold, assignor to The Electroloy Company, Inc., Bridgeport, Conn. Rotary ejector electrode holder. 2,368,550; Jan. 30.
Krum-Elliott Company: *See*—
Elliott, Irwin, assignor.
Krumreich, Charles L., Paterson, and H. W. Meehan, Hillsdale, N. J.; said Krumreich assignor to Bell Telephone Laboratories, Incorporated; said Meehan assignor to American Telephone and Telegraph Company, New York, N. Y. Base for telephone booths. 2,379,089; June 26.
Krupnick, Sydney R.: *See*—
Luth, H. J., Krupnick, and Hansen.
Krupp, Carroll P.: *See*—
Colley, R. S., and Krupp.
Krupp, Carroll P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sealing closure. 2,385,816; Oct. 2.
Kruse, Edward H., Fort Wayne, Ind. Combined fish sack holder and fishing pole rest. 2,367,588; Jan. 16.
Kruse, Edward H., Fort Wayne, Ind. Bait can and fish sack holder. 2,384,101; Sept. 4.
Kruse, Peter, New York, N. Y. Apparatus for conditioning steel blanks. 2,375,927; May 15.
Krusemark, Frederick A., Chicago, Ill., assignor to The Mansfield Tire and Rubber Company, Mansfield, Ohio. Constructing safety inner tubes. 2,372,382; Mar. 27.
Krysa, Frydryak: *See*—
Walker, G. D., Oulsman, and Krysa.
Kubaugh, Le Roy M., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,367,826; Jan. 23.
Kubaugh, Le Roy M., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,367,830; Jan. 23.
Kube, Ludwig: *See*—
Weeks, W. D., and Kube, assignors.
Kubicek, Naci F., Hammond, Ind., and M. T. Carpenter, assignors to Standard Oil Company, Chicago, Ill. Continuous catalytic conversion of hydrocarbons. 2,387,798; Oct. 30.
Kubista, Charles L., Owatonna, Minn. Fount for poultry and other domestic animals. 2,387,664; Oct. 23.
Kubler, Ernest F., Pittsfield, Mass., E. D. Schneider, Scotia, N. Y., and G. C. Nonken, Pittsfield, Mass., assignors to General Electric Company. Temperature control system. 2,383,806; Aug. 28.
Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,370,738; Mar. 6.
Kucera, Joseph B., Traer, Iowa. Hemp turning machine. 2,390,375; Dec. 4.
Kucera, Joseph B., Traer, Iowa. Machine for turning windrowed hemp and the like. 2,391,427; Dec. 25.
Kuch, Martin G.: *See*—
Petersen, W. C., and Kuch.
Kucher, Andrew A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,389,440; Nov. 20.
Kuckel, Herbert, New Orleans, La. Gliding shelves for deep refrigerators. 2,382,160; Aug. 14.
Kucklinsky, Esther M.: *See*—
Kucklinsky, Fred W., assignor.
Kucklinsky, Fred W., Newark, assignor to Esther M. Kucklinsky, Montclair, N. J. Packaging machine. 2,390,107; Dec. 4.
Kueffel, Carl W., Weehawken, H. Wiedemann, West New York, N. J., and A. F. Shields, Jamaica, N. Y., assignors to Kueffel & Esser Company, Hoboken, N. J. Drafting machine. 2,377,428; June 5.
Kueffel & Esser Company: *See*—
Kueffel, C. W., Wiedemann, and Shields, assignors.
Kuehl, Douglas S., Reading, Mass., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition making machinery. 2,373,582; Apr. 10.
Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Washer feed and orienting mechanism. 2,369,785; Feb. 20.
Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Assembly track and assorter. 2,378,711; June 19.
Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Bolt track and assorter. 2,385,141; Sept. 18.
Kuehlthau, Hugo L., Chicago, assignor to Whiting Corporation, Harvey, Ill. Apparatus for charging cupolas. 2,375,371; May 8.
Kuehn, Howard E., Stonington, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Wire stranding machine creel. 2,382,884; Aug. 14.
Kuehner, George P., St. Louis, Mo. Container for perishable products. 2,385,866; Oct. 2.
Kuehner, Robert A.: *See*—
Kuehner, Robert G., assignor.
Kuehner, Robert G., assignor of one-half to R. A. Kuehner, Detroit, Mich. Overhead garage door. 2,366,793; Jan. 9.
Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Pressure gauge. 2,376,156; May 15.
Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Liquid level indicating device. 2,380,249; July 10.
Kuehni, Hans P., and N. G. Branson, Schenectady, N. Y., assignors to General Electric Company. Automatic pattern controlled machine tool. 2,388,555; Nov. 6.
Kuenstler, Walter E., Cliffside Park, N. J. Crystal. 2,383,262; Aug. 21.
Kuenstler, Walter E., Cliffside Park, N. J. Crystal. 2,384,756; Sept. 11.
Kuenstler, Walter E., Cliffside Park, N. J. Crystal holder. 2,384,757; Sept. 11.
Kuenstler, Walter E., Cliffside Park, N. J. Crystal. 2,386,692; Oct. 9.
Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerating apparatus. 2,380,053; July 10.
Kuever, Rudolph A., and P. V. Maney, assignors to The State of Iowa, for the use and benefit of the State University of Iowa, Iowa City, Iowa. Enteric coating. 2,373,763; Apr. 17.
Küffer, Johannes, Berlin, Germany; vested in the Alien Property Custodian. Film scanning device. 2,387,592; Oct. 23.
Kugel, Fritz, and H. Benz, Heidenheim on the Brenz, Germany, assignors to American Voith Contact Co. Inc., New York, N. Y. Control device for the filling of turbotransmission circuits. 2,374,941; May 1.

Kugler, Herbert W., assignor to Cherry Rivet Company, Los Angeles, Calif. Blind rivet puller. 2,384,037; Sept. 4.
Kuhl, Frank P., New York, N. Y., assignor to Underwood Corporation. Typewriting machine. 2,391,097; Dec. 18.
Kuhl, Frederick A.: *See*—
Boucher, C. P., and Kuhl.
Kuhl, Paul E., Madison, N. J., assignor to Standard Oil Development Company. Cracking crude hydrocarbon oil. 2,384,315; Sept. 4.
Kuhler, Otto A., Blauvelt, N. Y. Interlock. 2,367,409; Jan. 16.
Kuhlik, Hattie B.: *See*—
Kuhlik, Jacob M., assignor.
Kuhlik, Jacob M., assignor to H. B. Kuhlik, Brooklyn, N. Y. Sound silencer for projectors. 2,369,786; Feb. 20.
Kuhlik, Jacob M., assignor to H. B. Kuhlik, Brooklyn, N. Y. Film supporting base for sound recording machines. 2,382,161; Aug. 14.
Kuhlik, Jacob M., assignor to H. B. Kuhlik, Brooklyn, N. Y. Throat microphone. 2,385,867; Oct. 2.
Kühlwein, Friedrich L., Essen, Germany; vested in the Alien Property Custodian. Obtaining coal particularly poor in ash content. 2,376,703; May 22.
Kuhn, Albert J., Dayton, D. F. Alexander, Oakwood, and J. R. Hornaday, assignors to General Motors Corporation, Dayton, Ohio. Engine starting system. 2,372,835; Apr. 3.
Kuhn, Charles H., Indianapolis, Ind. Toy gun. 2,386,479; Oct. 9.
Kuhn, Clarence W.: *See*—
Hodgson, H. E., and Kuhn.
Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Overload circuit breaker. 2,390,718; Dec. 11.
Kuhn, George, Silver Spring, Md., assignor to General Motors Corporation, Dayton, Ohio. Fluid treating apparatus. 2,367,408; Jan. 16.
Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rolling ring for barrels. 2,367,834; Jan. 23.
Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Constructing contianers. 2,381,385; Aug. 7.
Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making containers. 2,381,386; Aug. 7.
Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Reinforced container. 2,381,396; Aug. 7.
Kuhn, Richard, and O. Westphal, Heidelberg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Pyridine-3,4-dinitriles. 2,371,694; Mar. 20.
Kuhn, Russell C., Livingston, N. J., assignor to Breeze Corporations, Inc., Newark, N. J. Expander tool. 2,373,478; Apr. 10.
Kuhn, Wilhelmina M.: *See*—
Schaaff, Louis W., assignor.
Kuhne, Carl W., Mill Valley, Calif. Parallel ruler. 2,384,555; Sept. 11.
Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generator. 2,379,009; June 26.
Kuhns, Austin, and E. R. Gasser, Buffalo, N. Y., assignors to General Motors Corporation, Detroit, Mich. Reverse gear. 2,371,828; Mar. 20.
Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Flexible coupling. 2,380,113; July 10.
Kuhns, Ernest L., assignor to The Cleveland Metal Hardening Company, Cleveland, Ohio. Centerless grinder gauging mechanism. 2,389,787; Nov. 27.
Kuipers, George A.: *See*—
Hickman, K. C. D., and Kuipers.
Kuizenga, Marvin H., assignor to The Upjohn Company, Kalamazoo, Mich. Preparation of sodium heparinate. 2,377,016; May 29.
Kulesh, Louis F., Kenosha, Wis. Weed puller and cultivator. 2,373,898; Apr. 17.
Kulling, Rudolph C., Chicago, Ill. Ash tray holder. 2,377,560; June 5.
Kulo, Thomas E.: *See*—
Baur, H. J., and Kulo.
Kulp, Maurice P., Linwood, F. F. Morehead, West Chester, Pa., W. A. Sisson, Silverside, Del., and W. L. Webb, Glen Moore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Apparatus for the production of artificial filaments. 2,386,173; Oct. 2.
Kump, Ernest J., Jr., Fresno, Calif. Window construction. 2,366,339; Jan. 2.
Kuna, József, Oxford, assignor of one-half to J. C. Siegrist, London, England. Mold for sliding clasp fasteners. 2,374,292; Apr. 24.
Kundtz, Frank S., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Hand tool for inserting insulating strips. 2,388,853; Nov. 13.
Kunen, Herbert K.: *See*—
Kurth, F. J., Honerkamp, Poeten, and Kunen.
Kung, Frederick E.: *See*—
Strain, F., and Kung.
Küng, Frederick E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Vinyl ester and method of preparation thereof. 2,370,549; Feb. 27.
Kung, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of alpha-beta unsaturated nitriles. 2,375,005; May 1.
Kung, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of esters of alpha-beta unsaturated monocarboxylic acids. 2,376,704; May 22.
Küng, Frederick E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated chlorocarbonates and preparation. 2,377,085; May 29.
Kung, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of unsaturated nitriles. 2,373,190; Apr. 10.
Küng, Frederick E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizing agent. 2,381,063; Aug. 7.
Kuntz, Baldwin C., Juneau, assignor, by mesne assignments, to Automatic Products Company, Milwaukee, Wis. Implement hitch. 2,388,981; Nov. 13.
Kuntz, Frank A., Allentown, Pa. Cantilever seat. 2,387,451; Oct. 23.
Kunz, Arthur J., Prospectville, Pa. Stream-or-spray gun. 2,369,357; Feb. 13.
Kunz, Charles J.: *See*—
Muehler, L. E., Kunz, and Eaton.
Kunz, Eric C.: *See*—
Ofner, A., and Kunz.
Kunz, John, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Motion transmitting mechanism. 2,366,199; Jan. 2.
Kunz, John, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Inker mechanism. 2,387,332; Oct. 23.
Kunz, Walden H., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Inductive tuner and contact therefor. 2,377,789; June 5.
Kunzelman, Edward: *See*—
Hopp, H. P., and Kunzelman.
Künzer, Heinrich, Kiel, Germany; vested in the Alien Property Custodian. Gyroscopic instrument. 2,367,465; Jan. 16.
Künzi, Karl: *See*—
Stemmler, H., and Künzi, assignors.
Von Zelewsky, O., and Kunzi.
Kunzle, August: *See*—
Heberlein, R., and Kunzle.
Kuoch, Robert: *See*—
Levitan, N. I., and Kuoch.
Kupchick, Edward, Brooklyn, assignor to Bulova Watch Company, New York, N. Y. Waterproof watch. 2,382,728; Aug. 14.
Kupczyk, Joseph F., Chicago, Ill. Mechanical pencil. 2,370,250; Feb. 27.
Kupiec, Harry P., and E. Stewart, Baltimore, assignors to The Glenn L. Martin Company, Middle River, Md. Hydraulic brake. 2,390,311; Dec. 4.
Kupper, William H., Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,386,480; Oct. 9.
Kurillo, Max, assignor of one-third to Knight Bros., Washington, D. C. Mounting for electric fuses. 2,380,114; July 10.
Kurkjian, Yervant H., Clifton, N. J. Automatic tension control for let-off mechanism of looms. 2,381,670; Aug. 7.
Kurlash Company, Inc., The: *See*—
Tuttle, W. R., and Beldue, assignors.
Kurowski, Alfred G. F., Brooklyn, N. Y., assignor to Underwood Corporation. Typewriting machine. 2,387,078; Oct. 16.
Kurth, Franz J.: *See*—
Honerkamp, F., Kurth, and Serre.
Kurth, Franz J., assignor to Anemostat Corporation of America, New York, N. Y. Treating inflammable gases. 2,389,059; Nov. 13.
Kurth, Franz J., Friedrich Honerkamp, B. Poeten, and H. K. Kunen, assignors to Anemostat Corporation of America, New York, N. Y. Air outlet device. 2,369,303; Feb. 13.
Kurth, Franz J., and F. Honerkamp, assignors to Anemostat Corporation of America, New York, N. Y. Air outlet device. 2,376,705; May 22.
Kurth, Fred W., Farmingdale, N. J. Tricycle. 2,390,719; Dec. 11.
Kury, Josef: *See*—
Bobst, H., and Kury.
Küry, Josef, Lausanne, assignor to J. Bobst & Fils S. A., Prilly, Switzerland. Machine for the working of blanks. 2,385,581; Sept. 25.
Kurtz, Cyrus B., Lakeside, Ohio. Control mechanism. 2,377,700; June 5.
Kurtz, Jacob, Teaneck, assignor to Callite Tungsten Corporation, Union City, N. J. Die mount and making the same. 2,374,942; May 1.
Kurtz, Jacob, Teaneck, N. J., J. D. Waldie, New York, N. Y., and J. Spina, Cliffside Park, assignors to Callite Tungsten Corporation, Union City, N. J. Diamond drilling. 2,377,159; May 29.
Kurtz, Jacob, Teaneck, assignor to Callite Tungsten Corporation, Union City, N. J. Refractory body of high electronic emission. 2,389,060; Nov. 13.

Kurtz, John C., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,378,487; June 19.
Kurtz, Robert, Portland, Pa. Oar and paddle construction. 2,367,222; Jan. 16.
Kurzbin, Karl, Berkeley, Calif. Fish packing machine. 2,382,729; Aug. 14.
Kuschel, Clarence H., and H. C. Brill, assignors to Briggs Manufacturing Company, Detroit, Mich. Head-lamp closure or shutter. 2,388,787; Nov. 13.
Kuschel, Clarence H., and H. C. Brill, assignors to Briggs Manufacturing Company, Detroit, Mich. Head-lamp closure or shutter. 2,388,788; Nov. 13.
Kuser, Dryden, trustee, et al.: *See*—
Woodhull, Frederick W., assignor.
Kuser, Louis M., et al.: *See*—
Woodhull, Frederick W., assignor.
Kuss, Ernst, and H. Hohn, Duisburg, Germany; vested in the Alien Property Custodian. Zinc compounds. 2,371,829; Mar. 20.
Kuszyk, Frank, Pottstown, Pa., Comb. 2,376,065; May 15.
Kutil Engineering Company: *See*—
Kutil, Michael, assignor.
Kutil, Michael, Sheboygan, Wis., assignor to Kutil Engineering Company. Jarring screen. 2,367,785; Jan. 23.
Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Sash hinging hardware. 2,383,395; Aug. 21.
Kuzinski, Adolph W., Passaic, N. J. Tentering machine speed control. 2,387,333; Oct. 23.
Kuzmick, Jerome, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Powdered metal body and making same. 2,389,061; Nov. 13.
Kvalnes, Donovan E.: *See*—
Reynolds, W. B., Rossander, and Kvalnes.
Kvalnes, Donovan E., Penns Grove, and B. G. Carson, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing nylon. 2,374,106; Apr. 17.
Kvalnes, Donovan E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Red monazo wool dyes. 2,374,157; Apr. 17.
Kylemo, Folke: *See*—
Noren, H., and Kylemo.
Kylin, Henrik O.: *See*—
Kylin, Oskar and H. O., and Valentino.
Kylin, Oskar and H. O., and M. L. Valentino, Cleveland Heights, Ohio, assignors to Bardons and Oliver, Inc., Cleveland, Ohio. Automatic chuck and stock feed for machine tools. 2,369,466; Feb. 13.
Kylin, Oskar, Cleveland Heights, Ohio. Turret slide clamp. 2,373,637; Apr. 10.
Kylin, Oskar, Cleveland Heights, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Indexing mechanism. 2,375,114; May 1.
Kylin, Oskar, Cleveland Heights, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Collet chuck operating mechanism. 2,375,115; May 1.
Kylin, Oskar, Cleveland Heights, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Adjustable supporting tool. 2,382,571; Aug. 14.
Kyle, Anthony, and J. A. Johnson, Los Angeles, Calif. Tool holder assembly. 2,389,858; Nov. 27.
Kyrides, Lucas P., Webster Groves, and J. K. Craver, Affton, assignors to Monsanto Chemical Company, St. Louis, Mo. Production of lactones. 2,368,366; Jan. 30.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkoxy-substituted aliphatic carboxylic acid compounds. 2,377,246; May 29.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Mono-alkenyl-succinic acid mono ester salts. 2,380,699; July 31.
Kyrides, Lucas P., Webster Groves, and F. B. Zienty, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparing gamma-acetopropanol. 2,382,071; Aug. 14.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of aminopyrimidines. 2,385,761; Sept. 25.
Labadie, Jacob T., Gary, Ind. Manufacturing stopper rods. 2,389,517; Nov. 20.
La Bille, Joseph A., Chicago, Ill. Inhaler. 2,380,182; July 10.
La Bille, Joseph A., Chicago, Ill. Inhaler. 2,387,917; Oct. 30.
La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Fluid power transmitter. 2,389,441; Nov. 20.
Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn. Direct reading phasemeter. 2,368,551; Jan. 30.
Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, as trustee. Generating frequency modulated waves. 2,372,210; Mar. 27.
Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Electronic device. 2,372,328; Mar. 27.
Labin, Edouard, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Producing frequency modulated waves for radio transmission. 2,385,085; Sept. 18.
La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Sheet-feeding mechanism. 2,369,914; Feb. 20.
La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Sealing machine and the like. 2,379,361; June 26.
La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Automatic sheet feeding mechanism. 2,381,853; Aug. 7.
Labombarde, Harold S., assignor to The International Paper Box Machine Company, Nashua, N. H. Stacker accumulator. 2,391,170; Dec. 18.
La Bour, Harry E., Elkhart, Ind. Pump for mobile fire pumpers. 2,367,032; Jan. 9.
La Bour, Harry E., Elkhart, Ind. Liquid sealed pump. 2,381,823; Aug. 7.
La Bour, Harry E., Elkhart, Ind. Vertical self-priming pump. 2,381,824; Aug. 7.
La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Hydrodynamic transmission. 2,373,122; Apr. 10.
La Brie, Ludger E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch. 2,374,688; May 1.
Lacart, Rollin H.: *See*—
Beekley, H. L., and Lacart.
Lacart, Rollin H., Chicago, R. H. Gilbert, Oak Park, and H. L. Beekley, Glen Ellyn, Ill., assignors to The Electrimatic Corporation. Automatic valve. 2,388,696; Nov. 13.
Lacerda, Harry A., Green Island, N. Y. Firebox and combustion chamber construction. 2,373,571; Apr. 10.
Lacey, Harold T.: *See*—
Loukomsky, S. A., and Lacey.
Lacey, Harold T., Plainfield, and R. E. Brouillard, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of symmetrical diaryl hydrazines. 2,383,134; Aug. 21.
La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe bottom finishing machine. 2,371,301; Mar. 13.
La Chapelle, Euclid I., Brockton, Mass. Boot and shoe. 2,377,635; June 5.
La Chapelle, Evelyn M., administratrix: *See*—
La Chapelle, Fred N.
La Chapelle, Fred N., deceased, by E. M. La Chapelle, administratrix, Beverly, Mass. Box toe cap. 2,379,010; June 26.
La Chapelle, Fred N., Beverly, assignor to S. H. Huberman, Boston, Mass. Shoe. 2,388,333; Nov. 6.
Lacks, Hyman: *See*—
Cordiano, H. V., De Paolo, and Lacks.
Lacoe, Ralph D., Jr., San Diego, Calif. Master cylinder. 2,377,017; May 29.
Lacomastic Corporation: *See*—
Lindelow, Herbert C., assignor.
Lacombe, Louis: *See*—
Fosse, H., Palou, and Lacombe.
Lacombe, Martinien, et al.: *See*—
Wheeler, Byrhl F., assignor.
Lacomble, Antoine E., Hillsborough, assignor to Shell Development Company, San Francisco, Calif. Preparation of hydrogen peroxide. 2,376,257; May 15.
La Coste, Lucien J. B., and A. Romberg, Austin, Tex. Force measuring instrument. 2,377,889; June 12.
La Crosse Rubber Mills Company: *See*—
Larkin, L. J. and G. A., and Regan, assignors.
Lacy Manufacturing Company: *See*—
Sandberg, William A., assignor.
Lacy, Roscoe B.: *See*—
Siemers, Eric, assignor.
Lada, Edmund J., et al.: *See*—
Harding, Lloyd E., assignor.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. Re. 22,597; Jan. 30.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Tanning. 2,367,589; Jan. 16.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,368,667; Feb. 6.
Ladd, Elbert C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,379,723; July 3.
Laddon, Isaac M., and E. Berger, San Diego, Calif., assignors to Consolidated Vultee Aircraft Corporation. Sliding closure for aircraft. 2,378,856; June 19.
La-Del Conveyor & Manufacturing Company: *See*—
Adams, T. O., Jr., and Troller, assignors.
Troller, Theodor H., assignor.
Ladner, Lawrence A., Camden, N. J., assignor to F. F. Slocomb Corporation, Wilmington, Del. Safety device. 2,381,671; Aug. 7.
La Doal, Nicolas J.: *See*—
Lamendola, Nick J.
La Fave, William O., Anaconda, Mont. Equilibrium grain separator. 2,384,181; Sept. 4.
Lafferty, Jerome C., Los Angeles, Calif. Astronomical device. 2,382,643; Aug. 14.

Lafond, Willie L., Woonsocket, assignor to Manville Jenckes Corporation, Manville, R. I. Mechanism for protecting thread shearing revolvers.. 2,374,821; May 1.

La Force, Jean, San Mateo, Calif., assignor to Union Carbide and Carbon Corporation. Acetylene generator. 2,385,087; Sept. 18.

La Forest, Louis Z., Morris Plains, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical control system. 2,372,435; Mar. 27.

La France, Albert, Fairlawn, N. J., assignor to The Manhattan Shirt Company, New York, N. Y. Garment. 2,374,440; Apr. 24.

La France, Alfred, assignor to Hytron Corporation, Salem, Mass. Machine for making radio tube heater elements. 2,380,320; July 10.

La France, Donald S.: *See*—
Hearne, G. W., and La France.

La France Industries: *See*—
Kavanagh, Robert G., assignor.

Laganas, Christos, Lowell, Mass. Shoe and making. 2,368,308; Jan. 30.

Lagelbauer, Ernest, New York, N. Y. Direct propulsion of aircraft or the like. 2,377,247; May 29.

Lago, Francisco, Staten Island, N. Y. Hand punch press. 2,390,655; Dec. 11.

La Hatte, Cicero, Vicksburg, Miss. Meat holder. 2,388,162; Oct. 30.

La Hatte, James A., Atlanta, Ga., and R. B. Smith, assignors to The Reynolds & Reynolds Company, Dayton, Ohio. Apparatus for applying carbon to sheets. 2,366,411; Jan. 2.

Lahr, Thomas M., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Die. 2,378,562; June 19.

Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of electron discharge devices. 2,374,546; Apr. 24.

Laikam, John P., Fowler, Calif. Plow. 2,386,559; Oct. 9.

Lainson, Hal, and A. J. Semotan, assignors to Dutton-Lainson Company, Hastings, Nebr. Pump oiler. 2,389,518; Nov. 20.

Laird, Hubert C., and H. C. Otis, Dallas, Tex.; said Laird assignor to said Otis. Well control device. 2,373,034; Apr. 3.

Laird, Royal B., Merced, Calif. Scraper dump control. 2,389,199; Nov. 20.

Laird, Wilbur G., Pleasantville, N. Y. Floating roof storage tank and storing liquids. 2,366,911; Jan. 9.

Laird, Wilbur G., Pleasantville, N. Y. Liquid-sealed fluid storage apparatus. 2,383,555; Aug. 28.

Laird, Wilbur G., Pleasantville, N. Y. Storage container for fluids. 2,388,163; Oct. 30.

Laird, William A., South Gate, Calif. Automatic, positive action packer. 2,379,162; June 26.

Laitinen, Arthur, Kimball, Minn. Colter. 2,375,372; May 8.

Lakatos, Alexander J., Jr., Dayton, Ohio. Protecting apparatus. 2,378,563; June 19.

Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,366,861; Jan. 9.

Lake, Clair D., Binghamton, and G. F. Daly, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,375,307; May 8.

Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Serial punching and card counting apparatus for use with perforating machines. 2,377,791; June 5.

Lake, George R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Distillation process. 2,375,478; May 8.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Web feeding device. 2,389,200; Nov. 20.

Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator. 2,391,056; Dec. 18.

Lake, Simon, deceased, Milford, Conn., T. A. E. Lake, administrator. Apparatus for molding tubular concrete bodies. 2,386,961; Oct. 16.

Lake, Thomas A. E., administrator: *See*—
Lake, Simon.

Lake, Thomas A. E., Milford, Conn., assignor to G. B. Cluett, 2nd, Troy, N. Y. Displacement-hydroplane boat. 2,370,318; Feb. 27.

Lake, William W., et al.: *See*—
Wade, John L., assignor.

Lakeside Engineering Corporation: *See*—
Montgomery, J. A., and Livingston, assignors.

Lakso, Eino E.: *See*—
Von Hofe, G. W., and Lakso.

Lakso, Eino E., Fitchburg, Mass. Article handling machine. 2,377,431; June 5.

Lalande, Frank F., Challis, Idaho. Smokestack and fluepipe adapter. 2,374,489; Apr. 24.

La Lande, William A., Jr., Upper Darby, assignor to Porocel Corporation, Philadelphia, Pa. Raising the pH of saccharine liquids. 2,371,527; Mar. 13.

La Lande, William A., Jr., Upper Darby, assignor to Attapulgus Clay Company, Philadelphia, Pa. Decolorizing hydrocarbon oil. 2,381,293; Aug. 7.

La Lande, William A., Jr., Upper Darby, assignor to Attapulgus Clay Company, Philadelphia, Pa. Use of dehumidification agents. 2,388,616; Nov. 6.

Laliberte, Albert J., Naugatuck, assignor to Safety Fuel, Incorporated, West Cheshire, Conn. Lightweight portable still. 2,376,876; May 29.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,361; Sept. 25.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,362; Sept. 25.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel, Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,363; Sept. 25.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,817; Oct. 2.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel, Inc., West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,385,818; Oct. 2.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid materials. 2,386,804; Oct. 16.

Laliberte, Albert J., Naugatuck, assignor to Safety-Fuel Incorporated, West Cheshire, Conn. Solidified normally liquid hydrocarbons. 2,386,805; Oct. 16.

Lamach, John, Billings, Mont. Gate lock. 2,376,066; May 15.

Lamar, David H., Fairmont, W. Va. Fireplace heater. 2,371,398; Mar. 13.

Lamar, Harry H., Wilkinsburg, Pa. Valve structure. 2,382,235; Aug. 14.

Lamar Slide Fastener Corp.: *See*—
Rabinowitz, L. M., assignor.

La Marquise Footwear, Inc.: *See*—
Pipitone, Sal, assignor.

Lamb, Anthony H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Magnetic contact. 2,380,851; July 31.

Lamb, Arthur: *See*—
McCaslin, S. N., and Lamb.

Lamb, Ernest P., Grosse Point Park, and R. H. Duff, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,390,218; Dec. 4.

Lamb, Eugene J., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Making stencil cards. 2,375,308; May 8.

Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical instrument. 2,384,316; Sept. 4.

Lamb, Frank D., Hyattsville, and L. Banning, Berwyn, Md., assignors to the Government of the United States, as represented by the Secretary of the Interior. Beneficiation of beryllium ores. 2,385,819; Oct. 2.

Lamb, George G., assignor to Standard Oil Company, Chicago, Ill. Making shock absorber and hydraulic brake fluid. 2,366,794; Jan. 9.

Lamb, Newton, Saginaw, and W. C. Mast, Bag City, assignor to The Dow Chemical Company, Midland, Mich. Preparation of fluorinated olefins. 2,377,297; May 29.

Lamb, Thomas, New York, N. Y. Handle. 2,390,544; Dec. 11.

Lambach, Fritz, Tenafly, N. J. Method and machine for making hosiery. 2,366,340; Jan. 2.

Lambach, Fritz, Fairview, N. J. Beamer. 2,370,672; Mar. 6.

Lambach, Fritz, Tenafly, N. J. Assembly of beams and a construction for the connection thereof with parts of a warp knitting machine. 2,376,364; May 22.

Lambach, Fritz, Tenafly, N. J. Beamer. 2,384,474; Sept. 11.

Lambach, Fritz, Tenafly, N. J. Warping or beaming machine. 2,388,269; Nov. 6.

Lambach, Fritz, Tenafly, and W. Siegel, Union City, assignors to Robert Reiner, Inc., Weehawken, N. J. Drop needle control and an electrically operated stop motion for warping or beaming plants. 2,389,625; Nov. 27.

Lambers, Bernard: *See*—
Harriss, L. J., and Lambers.

Lambert Brake Corporation: *See*—
Lambert, Homer T., assignor.
Parrett, Dent, assignor.

Lambert, Edgar D.: *See*—
Fraser, L. B., and Lambert.

Lambert, Enoch E., assignor of one-half to C. A. Ritz, Otis, Oreg. Chain saw tooth setting device. 2,385,868; Oct. 2.

Lambert, Estelle: *See*—
Halpert, J., and Lambert.

Lambert, Francis M., Narberth, Pa., assignor to Heintz Manufacturing Company. Quick-acting door. 2,373,480; Apr. 10.

Lambert, Harry, Methuen, assignor to Pacific Mills, Lawrence, Mass. Bobbin marking mechanism. 2,389,859; Nov. 27.

Lambert, Harry L., Enfield, assignor, by mesne assignments, to W. J. Pickering, New York, N. Y. Mercury tube switch. 2,366,631; Jan. 2.

Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Calculating machine. 2,389,062; Nov. 13.
Lambert, Homer T., assignor to The Lambert Brake Corporation, St. Joseph, Mich. Valve construction. 2,366,412; Jan. 2.
Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Disk brake. 2,368,417; Jan. 30.
Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Liquid cooled brake. 2,373,572; Apr. 10.
Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Heavy-duty disk brake. 2,375,854; May 15.
Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Multiple disk brake. 2,375,855; May 15.
Lambert, Homer T., assignor to Lambert Brake Corporation, St. Joseph, Mich. Adapter brake mechanism. 2,379,972; July 10.
Lambert, John H.: *See*—
Odom, L. M., and Lambert.
Lambert, Pierre, New Rochelle, R. H. Riemenschneider, Pleasantville, and J. A. Gibb, Northport, assignors to The Lummus Company, New York, N. Y. Fractionating plate construction. 2,380,852; July 31.
Lambet, Gustave: *See*—
Caro, M., and Lambet.
Lamborn, Bayard T., Matawan, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose mixed esters. 2,368,764; Feb. 6.
Lamborn, Bayard T., Matawan, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose esters. 2,374,547; Apr. 24.
Lamendola, Nick J., Des Moines, Iowa, now by judicial change of name N. J. La Doal. Drop plate vending machine. 2,386,123; Oct. 2.
Lamm, Warren H., Kildare, Okla. Cap retainer for tubes. 2,376,786; May 22.
Lamm, Uno, and J. Plöen, Ludvika, assignors to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Operating vapor ionic valves for current conversion. 2,386,322; Oct. 9.
Lammertse, Meindert: *See*—
George, E. D., and Lammertse.
Lamont, Robert W.: *See*—
Patch, Allen J., assignor.
Lamoreaux, George R., Grandville, Mich. Propeller. 2,366,795; Jan. 9.
Lamphere, P. H. et al.: *See*—
Strong, Jules Q., assignor.
Lamphere, Richard: *See*—
Berkey, W. E., and Lamphere.
Lamson Corporation: *See*—
Burton, Calvin A., assignor.
Lancaster, Billy R., assignor to Boeing Aircraft Company, Seattle, Wash. Tube bender. 2,371,695; Mar. 20.
Lancaster, Eustis A., Jr., Johnson City, Tenn., assignor to Architectural and Industrial Sales Corporation. Hearth plate. 2,375,743; May 8.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,368,849; Feb. 6.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,374,359; Apr. 24.
Lance, David: *See*—
Goodman, M., and Lance.
Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Device for measuring vertical angular deviation. 2,372,091; Mar. 20.
Land, Edwin H., and M. Grabau, Cambridge, Mass., assignors to Polaroid Corporation, Dover, Del. Apparatus for generating sound waves. 2,376,493; May 22.
Land, Edwin H., Boston, Mass., assignor to Polaroid Corporation, Dover, Del. Light polarizing image and manufacture. 2,373,035; Apr. 3.
Land, Edwin H., and R. P. Blake, Cambridge, Mass., assignors to Polaroid Corporation, Dover, Del. Light polarizer and manufacture. 2,380,363; July 10.
Land, Harry A.: *See*—
Hubert, C. A., and Land.
Landahl, Eugene E., Detroit, Mich. Self-aligning idler for conveyer belts. 2,391,249; Dec. 18.
Landay, Horace J., Woodmere, N. Y., and C. W. Warren, North Plainfield, N. J. Gauging apparatus. 2,382,885; Aug. 14.
Landberg, Erik G., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Bearing. 2,386,165; Oct. 2.
Lande, Julius M., New York, N. Y. Interpreting device. 2,385,452; Sept. 25.
Landee, Franc A.: *See*—
Hooker, G. W., and Landee.
Landen, Bernard, Ida Grove, Iowa. Drawbar for harrows. 2,377,945; June 12.
Landers, Frary & Clark: *See*—
Anderson, Oscar M., assignor.
Badger, H. M., and Anderson, assignors.
Landers, Lovell, Jr., Ossining, N. Y. System for vaporizing crude oil for use as a fuel for internal-combustion engines and converters functionable therein. 2,384,472; Sept. 11.
Landers, Lovell, Jr., Ossining, N. Y. System for vaporizing crude oil for use as a fuel for internal-combustion engines and converters functionable therein. 2,384,473; Sept. 11.
Landis, George G., South Euclid, and N. J. Hoenie, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Work support. 2,383,503; Aug. 28.
Landis, George G., University Heights, and N. J. Hoenie, Cleveland Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Electric welding apparatus. 2,383,725; Aug. 28.
Landis & Gyr, A-G.: *See*—
Finckh, Leonard, assignor.
Heynisch, Paul, assignor.
Koenig, Werner, assignor.
Moos, Paul, assignor.
Perret, Henri, assignor.
Vannini, P., and Hungerbühler, assignors.
Wiedemeier, Alfred, assignor.
Landis & Gyr, Aktiengesellschaft: *See*—
Berger, Karl, assignor.
Landis Machine Company: *See*—
Reimschissel, Charles A., assignor.
Landis Tool Company: *See*—
Balsiger, H. E., and Price, assignors.
Elberty, Robert S., Jr., assignor.
Jones, Alvin J., assignor.
Ott, Conrad L., assignor.
Landolt, Albert, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Chlorinating textiles colored with dyestuffs sensitive to chlorine. 2,373,191; Apr. 10.
Landon, Kenneth L., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Producing molded product. 2,379,163; June 26.
Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Controlling means. 2,372,436; Mar. 27.
Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Burner control means. 2,389,519; Nov. 20.
Landow, William E., Chicago, Ill. Structure and forming the same. 2,377,160; May 29.
Landry, Henry J.: *See*—
Bockus, R. C., and Landry.
Landry, William J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Can opener. 2,378,090; June 12.
Landry, William J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Cutter assembly for can openers. 2,383,929; Aug. 28.
Landwier, William G., Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Work handling apparatus for mechanical presses. 2,368,478; Jan. 30.
Landy, Arney, Deer River, Minn. Endless crawler tread cycle. 2,373,316; Apr. 10.
Lane, Arthur C., Rugby, England, assignor to General Electric Company. Dynamoelectric machine. 2,371,962; Mar. 20.
Lane, Arthur W.: *See*—
Beach, L. F., Esval, and Lane.
Lane, Arthur W., Freeport, and R. S. Curry, Jr., Baldwin, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Controller for gyro instruments. 2,389,158; Nov. 20.
Lane Company, Inc., The: *See*—
Crocker, Ernest C., assignor.
Lane, Dwight L., Dayton, Ohio. Antivibration or shock absorber mount. 2,384,476; Sept. 11.
Lane, Gerould T., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic stripping film. 2,391,171; Dec. 18.
Lane, Harold, and W. A. Barton, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Wire-feeding means for fastening inserting machines. 2,376,924; May 29.
Lane, Joseph, New York, N. Y. Closing for garments. 2,381,601; Aug. 7.
Lane, Paul S., and D. Hamm, assignors to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring manufacture. 2,380,654; July 31.
Lane, Thomas P., Providence, R. I. Pile protector. 2,385,869; Oct. 2.
Lane-Wells Company: *See*—
Barnes, Charles H., assignor.
Batchelder, Dean E., assignor.
Lynd, William E., assignor.
Quintrell, Harry J., assignor.
Turechek, George F., assignor.
Young, John, Jr., assignor.
Lanese, Donald C., assignor to Designers for Industry, Inc., Cleveland, Ohio. Combined baby crib and bassinet. 2,381,759; Aug. 7.
Lanfranconi, Frederick A., Surbiton, England. Tap. 2,390,950; Dec. 11.
Lanfranconi, Frederick Alexander, Kingston-by-pass, Surbiton, England. Screw cutting die and stock therefor. 2,373,836; Apr. 17.
Lang, Benjamin, New York, N. Y. Cutting table and attachment therefor. 2,373,968; Apr. 17.

Lang, Ervin G., New Ulm, Minn. Denture prosthesis. 2,389,063; Nov. 13.
Lang, Eugene M., New York, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Inserting tool for tangless inserts. 2,390,545; Dec. 11.
Lang, George F., Jenkintown, Pa. Wearing apparel. 2,368,714; Feb. 6.
Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Fastening pin or the like. 2,377,086; May 29.
Lang, Joseph C., Pittsburgh, Pa., assignor to Bocjl Corporation. Staple and stapling. 2,380,655; July 31.
Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Staple. 2,383,135; Aug. 21.
Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Staple and making same. 2,384,475; Sept. 11.
Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Staple and its manufacture. 2,384,477; Sept. 11.
Lang, Joseph C., assignor to Bocjl Corporation, Pittsburgh, Pa. Fastening nut. 2,389,261; Nov. 20.
Lang, Richard, Ravensburg, and J. von Fahland and H. Gros, Friedrichshafen, Bodensee, Germany; vested in the Alien Property Custodian. Hydraulic torque converter. 2,384,841; Sept. 18.
Lang, Rudolph C., assignor to National Biscuit Company, New York, N. Y. Coating machine. 2,381,502; Aug. 7.
Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Calculating machine for effecting division. 2,386,481; Oct. 9.
Lang, William C., Sharpsville, Pa. Method and apparatus for producing coated wire. 2,370,973; Mar. 6.
Lang, Wilmarth Y.: *See*—
Kinkead, F. S., and Lang.
Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective telegraph system. 2,377,890; June 12.
Langa, Morris, Philadelphia, Pa. Making spaced cross-stitches. 2,369,470; Feb. 13.
Langan, Thomas, Annapolis, Md. Bilge pump. 2,382,797; Aug. 14.
Langan, Thomas, Annapolis, Md. Bilge pump. 2,382,798; Aug. 14.
Langdon, Clarence E., Janesville, Wis. Portable scaffold. 2,369,743; Feb. 20.
Langdon, Jesse D., Downey, Calif., and J. J. Delany, Brooklyn, N. Y. Foot pedal. 2,369,056; Feb. 6.
Langdon, Jesse D., Brooklyn, N. Y. Valve. 2,371,449; Mar. 13.
Langdon, Jesse D., Brooklyn, N. Y. Pneumohydraulic ram. 2,371,450; Mar. 13.
Langdon, Jesse D., Los Angeles, Calif. Combined stop and float valve. 2,371,830; Mar. 20.
Langdon, Jesse D., Downey, Calif. Check valve device. 2,372,726; Apr. 3.
Langdon, Jesse D., Downey, Calif. Combat vehicle. 2,375,240; May 8.
Langdon, Jesse D., Downey, Calif. Airship. 2,381,456; Aug. 7.
Langdon, Jesse D., Los Angeles, Calif. Siphon breaker and valve. 2,382,427; Aug. 14.
Langdon, Jesse D., Long Beach, Calif. Combined check valve and vacuum breaker. 2,390,108; Dec. 4.
Langdon, Lawrence E., Wilmette, assignor to Pacific Flush Tank Company, Chicago, Ill. Treating sewage or other waste material. 2,370,974; Mar. 6.
Langdon, Robert S.: *See*—
Chriswell, F. W., and Langdon.
Langdon, Samuel W., assignor to Marful Specialties Incorporated, Rochester, N. Y. Light sensitive material feeding mechanism. 2,388,423; Nov. 6.
Lange, Edward H., Baltimore, Md. Thermionic device for converting frequency-modulation into amplitude-modulation. 2,369,055; Feb. 6.
Lange, Edward H., Baltimore, Md. Universal demodulator for frequency and amplitude modulation. 2,382,014; Aug. 14.
Lange, Edward H., Baltimore, Md. Demodulator for frequency and amplitude modulation. 2,382,015; Aug. 14.
Lange, Edward H., Baltimore, Md. Demodulator device for frequency and amplitude modulation. 2,383,323; Aug. 21.
Lange, Frederick E., Lincoln, Nebr., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,368,850; Feb. 6.
Lange, Frederick E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electronic control device. 2,379,873; July 10.
Lange, Paul H.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.
Bullard, E. P., III, Cowell, and Lange.
Langenberg, George O., Ballwin, assignor of one-half to E. D. English, Clayton, Mo. Cutting machine. 2,390,376; Dec. 4.
Langer, Alois, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radiometric titration method. 2,367,949; Jan. 23.
Langer, Bernard F.: *See*—
Alben, F. L., and Langer.
Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Strain measuring system. 2,385,005; Sept. 18.
Langer, Bernard F., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Indicating system. 2,390,797; Dec. 11.
Langford, Cecil T., and R. L. Slotter, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Production of wheat starch. 2,368,668; Feb. 6.
Langford, Ernest E., and A. T. Garnett, assignors to A. J. Garnett Limited, London, England. Holdall, suit case, or the like. 2,373,573; Apr. 10.
Langford, George W., A. C. Barrows, and J. V. Haidler, assignors to Economy Baler Company, Ann Arbor, Mich. Bale ejector for scrap metal baling presses. 2,371,762; Mar. 20.
Langford, Thomas W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure type connector and making the same. 2,374,107; Apr. 17.
Langhaar, Louis, Mount Olive Township, Morris County, N. J. Speed governor for internal-combustion engines. 2,375,479; May 8.
Langhaar, Louis, Mount Olive Township, Morris County, N. J. Internal-combustion engine. 2,377,248; May 29.
Langhorst, Howard C., Dayton, Ohio. Shaper. 2,366,200; Jan. 2.
Langhorst, Howard C., Dayton, Ohio. Hinge. 2,369,148; Feb. 13.
Langkammerer, Carl M.: *See*—
Gocher, W. S., Jennings, and Langkammerer
Langkammerer, Carl M., Wilmington, Del., assignor to Remington Arms Company, Inc. Shot shell closure. 2,387,665; Oct. 23.
Langley Aviation Corporation: *See*—
Bendix, Vincent, assignor.
Jensen, Martin, assignor.
Langley, Sarah L., administratrix: *See*—
Neely, Charles A.
Langlois, Harry F., et al.: *See*—
McKay, William R., assignor.
Langlois, Herbert N., et al.: *See*—
McKay, William R., assignor.
Langmuir, Robert V.: *See*—
Hoskins, E. E., and Langmuir.
Langmuir, Robert V., assignor, by mesne assignments, to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,370,673; Mar. 6.
Langmuir, Robert V., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,376,877; May 29.
Langmuir, Robert V., Schenectady, N. Y., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,378,936; June 26.
Langston, Samuel M., Co.: *See*—
Behrens, Herbert C., assignor.
Langstroth, Hall, Greenwich, Conn., assignor to Maguire Industries, Incorporated. Circuit breaker. 2,381,294; Aug. 7.
Langworthy, Norval B., Evanston, Ill. Portfolio. 2,378,020; June 12.
Lanham, Colonel W., assignor to L. W. Lanham, Chicago, Ill. Seed planter. 2,379,724; July 3.
Lanham, William W.: *See*—
Lanham, Colonel W., assignor.
Laning, Edwin R., Philadelphia, Pa., asssignor to Joseph Stokes Rubber Co., Inc. Article formed of impact resistant rubber. 2,367,786; Jan. 23.
Laning, Willard A.: *See*—
Werner, L. C., and Laning.
Lank, Everett S., Green Acres, Md., assignor to Timber Engineering Company, Washington, D. C. Timber truss and the like. 2,385,142; Sept. 18.
Lankelma, Herman P.: *See*—
Burk, Robert E., and Lankelma.
Lannen, Joseph P., Detroit, Mich. Balance testing machine. 2,367,787; Jan. 23.
Lannert, Kenneth: *See*—
Korte, A. C., and Lannert.
Lanning, Daniel D.: *See*—
Mitchell, J. A., and Lanning.
Lanphere, Clive W., New York 52, N. Y. Automatic transmission. 2,379,808; July 3.
Lansden, Gail A., Woodburn, Oreg. Headrest. 2,387,079; Oct. 16.
Lansing, Horace L., Rutherford, N. J., assignor to Poor & Company, New York, N. Y. Unbalanced splice bar with balanced ratios. Re. 22,632; Apr. 17.
Lanson, Herman J.: *See*—
Bernstein, I. M., and Lanson.
Lanston Monotype Machine Company: *See*—
Costello, Joseph F., assignor.
Lanz, Adrian B., Zurich, Switzerland. Ski binding. 2,383,064; Aug. 21.
Lapczenski, Emil V.: *See*—
Golan, Leonard J., assignor.
Lapelle Co.: *See*—
Kleinberg, Benjamin W.
Lapeyre, Fernand S., New Orleans, La. Picture hanger. 2,384,478; Sept. 11.

Lapeyre, Gaston, Tarbes, Hautes-Pyrenees, France; vested in the Alien Property Custodian. Chain transmission more particularly for cycles. 2,368,147; Jan. 30.
Lapham, Sidney D., Martinez, assignor to Shell Development Company, San Francisco, Calif. Spray nozzle. 2,370,975; Mar. 6.
La Piana, Fred G., Forest Hills, N. Y., and H. S. Bosland, Providence, R. I., assignors to Stein, Hall & Company, Inc., New York, N. Y. Sizing and finishing compositions. 2,385,714; Sept. 25.
La Pierre, Alfred T., Worcester, Mass., assignor to Harrington & Richardson Arms Company. Cord holder for line throwing guns. 2,388,749; Nov. 13.
La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Scanning apparatus for moving strip. 2,371,963; Mar. 20.
Lapin Products, Inc.: *See*—
Rosenheim, David, assignor.
La Place, Desmond R., Pittsburgh, Pa., assignor to Bocjl Corporation. Stapling apparatus. 2,368,552; Jan. 30.
La Place, Desmond R., assignor to Bocjl Corporation, Pittsburgh, Pa. Staple. 2,390,219; Dec. 4.
La Plant-Choate Mfg. Co., Inc.: *See*—
Austin, Ellsworth W., assignor.
Laplant-Choate Manufacturing Co. Inc.: *See*—
Paulsen, Thomas R., assignor.
Lapointe, Francis J., and J. W. Podesta, assignors to American Broach & Machine Co., Ann Arbor, Mich. Broaching machine. 2,371,053; Mar. 6.
La Pointe Machine Tool Company, The: *See*—
Bonnafe, Oliver W., assignor.
Lapp, Hans: *See*—
Meyer, K., and Lapp.
Lappin, David, Long Island City, N. Y. Stop leak pipe joint clamp. 2,366,341; Jan. 2.
Lapsley, Robert: *See*—
Backofen, R., and Lapsley.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission. 2,368,148; Jan. 30.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Berrien, Mich. Torque converter. 2,389,520; Nov. 20.
Lapworth, Morvan: *See*—
Heywood, B. J., Knight, and Lapworth.
Laquay, Rudolf: *See*—
Maurer, F., and Laquay.
Larabee, Albert F., Jeannette, assignor to Pennsylvania Rubber Company, Borough of Jeannette, Pa. Tire manufacture. 2,376,494; May 22.
Laraque, Roland, Paris, France; vested in the Alien Property Custodian. Shock absorbing means for aircraft landing gear. 2,378,712; June 19.
Larché, Kurt: *See*—
Kalsing, H., Krefft, and Larché.
Large, Wayne V. K.: *See*—
Fitch, K. E., Large, and Lucek.
Large, Wayne V. K., Glenwood Landing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite teletypewriter switching system. 2,375,856; May 15.
Large, Wayne V. K., Glenwood Landing, and F. J. Singer, Rockville Centre, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Satellite teletypewriter switching system. 2,372,329; Mar. 27.
Larimore, Harvey T., Congress Park, assignor to Kalva Venders, Inc., Chicago, Ill. Multiple-flavor vending machine. 2,389,442; Nov. 20.
La Rizza, Anthony, Chelsea, Mass. Game cabinet. 2,370,050; Feb. 20.
Larkin, David, Kirkwood, assignor to Broderick & Bascom Rope Company, St. Louis, Mo. Mine sweeping cable. 2,384,038; Sept. 4.
Larkin, Gerald A.: *See*—
Larkin, L. J. and G. A., and Regan.
Larkin, John A., New York, N. Y. Riveted construction. 2,375,116; May 1.
Larkin, Leo J. and G. A., and J. J. Regan, assignors to La Crosse Rubber Mills Company, La Crosse, Wis. Footwear vulcanizer. 2,385,628; Sept. 25.
Larkin, Lester U., Chicago, Ill., assignor to Lul Products, Inc., Baltimore, Md. Apparatus for the manufacture of finned structures. 2,379,973; July 10.
La Rocque, Joseph E.: *See*—
Peterson, W. R., and La Rocque.
Larrecq, Anthony J., Indianapolis, Ind., assignor to General Electric Company, New York, N. Y. Combined centrifugal compressor and cooler. 2,367,223; Jan. 16.
Larrecq, Anthony J., Indianapolis, Ind., assignor to General Electric Company. Supercharged combustion engine arrangement. 2,375,006; May 1.
Larrison, Millard S., La Fayette, and H. B. Hass, West La Fayette, assignors to Purdue Research Foundation, La Fayette, Ind. Condensation of nitroalkanes with ketones. 2,383,603; Aug. 28.
Larsen, Andrew H., Green Bay, Wis. Garment hanger. 2,374,689; May 1.
Larsen, Earl I.: *See*—
Hensel, F. R., and Larsen.
Larsen, Earl I., V. E. Heil, and E. F. Swazy, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical contact. 2,390,595; Dec. 11.
Larsen, Einer W., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for positioning parts. 2,390,596; Dec. 11.
Larsen, James M., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor and liquid contact device. 2,391,464; Dec. 25.
Larsen, Olai F., Jr., Demarest, N. J., assignor, by mesne assignments, to Noma Electric Corporation, New York, N. Y. Pseudo-tracked vehicular toy. 2,384,687; Sept. 11.
Larsen, Olai F., Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y. Ball-operated toy. 2,390,442; Dec. 4.
Larsen, Paul V., Oakland, Calif., assignor to Pettibone Mulliken Corporation. Latching means for dipper doors. 2,374,108; Apr. 17.
Larsen, Robert G., Berkeley, and E. W. Zublin, assignors to Shell Development Company, San Francisco, Calif. Compounded mineral oil. 2,372,588; Mar. 27.
Larsen, Robert G., Albany, and H. Diamond, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Antifoaming composition. 2,375,007; May 1.
Larsen, Victor A., Altadena, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Two-speed transmission. 2,379,164; June 26.
Larson, Anton L., assignor of one-fourth to O. E. Larson, Sturgeon Lake, one-fourth to P. A. Monson, and one-fourth to E. T. Monson, Minneapolis, Minn. Jar clamping device. 2,369,787; Feb. 20.
Larson, Arthur G., and C. S. Kelley, Forest Hills, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,379,306; June 26.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electrode structure. 2,384,423; Sept. 4.
Larson, Charles O., Co.: *See*—
Larson, Charles O., assignor.
Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Pivotal awning or shade. 2,373,574; Apr. 10.
Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Saw horse. 2,376,787; May 22.
Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Picture hanger. 2,383,658; Aug. 28.
Larson, David C.: *See*—
Lautrup, G. W., and Larson.
Larson, Donald E., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Lifter roof. 2,369,581; Feb. 13.
Larson, Frank W., Sioux City, Iowa. Rain gauge. 2,381,602; Aug. 7.
Larson, Glen M.: *See*—
Lewis, H. B., and Larson.
Larson, Gustave A., Wauwatosa, Wis. Dehydrator. 2,381,354; Aug. 7.
Larson, Kenneth R., Des Plaines, Ill., and G. M. Walraven, assignors to Snap-On Tools Corporation, Kenosha, Wis. Torque wrench. 2,367,224; Jan. 16.
Larson, Kenneth R., Des Plaines, Ill., and G. M. Walraven, assignors to Snap-On-Tools Corporation, Kenosha, Wis. Ratchet measuring wrench. 2,374,217; Apr. 24.
Larson, Larry A., et al.: *See*—
Wilson, Edgar I., assignor.
Larson, Olga E., et al.: *See*—
Larson, Anton L., assignor.
Larson, Robert C., Los Angeles, Calif. Tilting mechanism for Venetian blinds. 2,388,000; Oct. 30.
Larson, Robert E., St. Paul, Minn. Attached filler cap. 2,385,364; Sept. 25.
Larson, Swan E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Rotary pump shaft seal. 2,391,577; Dec. 25.
Larson, Warren H., Minneapolis, Minn. Universal indicator clamp. 2,371,451; Mar. 13.
Larson, Werner J., West Hartford, Conn. Making woven resistance units. 2,375,997; May 15.
Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Car coupling equipment. 2,381,603; Aug. 7.
Larsson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector head and trolley pole harp. 2,385,582; Sept. 25.
Larsson, Johan D. S., Eskilstuna, Sweden. Door check and closer. 2,377,636; June 5.
Larsson, Sven, Sandviken, Sweden. Multiple roll mill. 2,368,030; Jan. 23.
LaSalle National Bank trustee: *See*—
Hatch, W. E., and Rollins, assignors.
Haug, Eugene H., assignor.
Lasar, William, Huntington Park, Calif. Meat cutting machine. 2,380,700; July 31.
Lashar, Walter B., Fairfield, and R. F. Warren, Jr., Stratford, Conn. Cushion. 2,385,870; Oct. 2.
Lasher, Edward A.: *See*—
Bush, W. A., and Lasher.
Lasher, George: *See*—
Eastman, Harold, assignor.
Laskin, Jacob E., Shaker Heights, Ohio. Orthodontic bracket. 2,368,851; Feb. 6.
Laskin, Jacob E., Shaker Heights, Ohio. Orthodontia appliance. 2,379,011; June 26.
Laskin, Jacob E., Shaker Heights, Ohio. Orthodontic bracket spring. 2,381,128; Aug. 7.
Laskin, Jacob E., Shaker Heights, Ohio. Arch bar clip. 2,386,124; Oct. 2.

Lassagne, Theodore H.: *See*—
Avery, H. T., and Lassagne.
Lassen, Eivind U., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for motor operated machines. 2,375,928; May 15.
Lassen, Eivind U., Whitefish Bay, Wis., and A. A. Johnson, Forest Hills, N. Y.; said Lassen assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for towing winches and other machines. 2,372,963; Apr. 3.
Lassen, Eivind U., Whitefish Bay, and J. M. Newman, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,381,604; Aug. 7.
Lassen, Sven H., assignor of one-half to Phillip R. Park, Inc., San Pedro, and one-half to Van Camp Sea Food Company, Inc., Terminal Island, Calif. Treating fish press. 2,372,677; Apr. 3.
Lassiat, Raymond C.: *See*—
Thayer, C. H., and Lassiat.
Lassiat, Raymond C., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for effecting contacting reactions. 2,376,365; May 22.
Latchum, John W., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,390,720; Dec. 11.
Latchum, John W., Jr., and J. D. Upham, Bartlesville, Okla., assignors to Phillips Petroleum Company. Removal of metal halides from fluids. 2,368,309; Jan. 30.
Lateiner, Charles, New Rochelle, assignor to Elba Trading Corporation, Brooklyn, N. Y. Camera construction. 2,380,453; July 31.
Latham, Allen, Jr., Jamaica Plain, Mass., assignor to Arthur D. Little, Inc., Cambridge, Mass. Supplying clarified liquid. 2,381,760; Aug. 7.
Latham, Allen, Jr., Jamaica Plain, assignor to Arthur D. Little, Inc., Cambridge, Mass. Method of and apparatus for distillation. 2,389,064; Nov. 13.
Latham, Allen, Jr., Jamaica Plain, assignor to Arthur D. Little, Inc., Cambridge, Mass. Distillation method and apparatus. 2,389,789; Nov. 27.
Latham, George H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compositions comprising solid ethylene polymers. 2,369,471; Feb. 13.
Lathrop, Elbert C., and S. I. Aronovsky, Peoria, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Filter medium. 2,372,437; Mar. 27.
Lathrop, Frank C.: *See*—
Lathrop, Harvey B.
Lathrop, Fred H.: *See*—
Kahler, W., and Lathrop.
Lathrop, Harold F., Grabill, Ind., assignor to General Electric Company. Refrigerating system. 2,388,556; Nov. 6.
Lathrop, Harry D., and E. E. Hageline, assignors to The Lathrop-Paulson Company, Chicago, Ill. Washing mechanism. 2,369,358; Feb. 13.
Lathrop, Harvey, Forest Hills, N. Y. Traveling case. 2,389,788; Nov. 27.
Lathrop, Harvey B., St. Cloud, assignor of twenty-five per cent to F. C. Lathrop, Moorhead, Minn. Prefabricating jig. 2,376,604; May 22.
Lathrop-Paulson Company, The: *See*—
Lathrop, H. D., and Hageline, assignors.
La Torraca, Anthony, Newark, N. J. Hair waving appliance. 2,374,943; May 1.
La Tour, Harry: *See*—
Wolford, D. S., and La Tour.
Latour, Theodore R., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized rubber hydrochloride sheet. 2,374,759; May 1.
Latscher-Latka, Eric, Vienna, Germany; vested in the Alien Property Custodian. Motorcycle springing. 2,376,788; May 22.
Latta, Lynn H.: *See*—
Nuffer, J. H., and Latta.
Latter, Barney, assignor to J. B. Simpson, Inc., Chicago, Ill. Garment construction. 2,366,862; Jan. 9.
Laube, Grover, assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Lens cap. 2,375,420; May 8.
Lauck, John A., South Euclid, assignor to Pesco Products Co., Cleveland, Ohio. Equalizer and shutoff valve. 2,368,852; Feb. 6.
Lauck, John A., South Euclid, assignor to Pesco Products Co., Cleveland, Ohio. Multiple unit compact gear divider assembly. 2,386,219; Oct. 9.
Laucks, I. F., Inc.: *See*—
Carmichael, Ogden, assignor.
Golick, A. J., and Dike, assignors.
Luacks, I. F., Merritt, Lawshe, and Dike, assignors.
Laucks, Irving F., Seattle, Wash., E. H. Merritt, Lockport, N. Y., and W. D. Lawshe and T. W. Dike, assignors to I. F. Laucks, Inc., Seattle, Wash. Handling and pressing means and method. 2,390,159; Dec. 4.
Laue, Charles E., Chicago, Ill. Valve. 2,374,690; May 1.
Laue, Charles E., Chicago, Ill. Compression fitting. 2,377,891; June 12.
Laue, Karl E. E., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Making a bleaching agent. 2,384,629; Sept. 11.

Lauer, Carleton J., and R. L. Bowers, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,380,656; July 31.
Lauer, Walter M., St. Paul, Minn., assignor, by mesne assignments, to United States Secretary of Agriculture, or his successors in office. Antioxidants. 2,373,192; Apr. 10.
Laufenberg, Walter, Berlin-Lankwitz, E. Maslanka, Birkenwerder, near Berlin, and H. Weissenburger, Berlin-Tempelhof, Germany, assignors, by mesne assignments, to The Licoro Corporation, New York, N. Y. Synthetic plastics and films and producing them. 2,382,238; Aug. 14.
Laufer, Louis, assignor to Schwarz Laboratories, Inc., New York, N. Y. Nucleic acid. 2,379,912; July 10.
Laufer, Louis, and J. Charney, assignors to Schwarz Laboratories Inc., New York, N. Y. Recovery of rare sugars. 2,379,913; July 10.
Laufer, Louis, and J. Charney, assignors to Schwarz Laboratories, Inc., New York, N. Y. Recovery of rare sugars. 2,379,914; July 10.
Laughlin, Homer, China Company, The: *See*—
Emerson, Walter H., assignor.
Laughton, George W., Jr., assignor to Marine Iron & Ship Building Company, Duluth, Minn. Cutting metal. 2,381,355; Aug. 7.
Laukhuff, Walter: *See*—
Wagner, M., and Laukhuff.
Lauks, I. F., Inc.: *See*—
Hubert, Ernest E., assignor.
Laundrey, Chalmers F., et al.: *See*—
Kling, Alan L., assignor.
Lauper, Werner, Bienne, assignor to Nouvelle Zesar S. A. Nidau, near Bienne, Switzerland. Speed change gear. 2,366,912; Jan. 9.
Laurain, Roy C., Dearborn, Mich. Double-action piston rod. 2,383,136; Aug. 21.
Laurent, Milton P., Houston, Tex. Plug structure. 2,370,804; Mar. 6.
Lausberg, Charles E. A., Paterson, N. J. Heddle bar support. 2,376,258; May 15.
Lautenschläger, Franz, Berlin-Nikolassee, Germany; vested in the Alien Property Custodian. Syringe for medical purposes. 2,375,929; May 15.
Lautmann, Alfred J., assignor to Iodent Chemical Company, Detroit, Mich. Welding. 2,380,054; July 10.
Lautrup, George W., and D. C. Larson, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Moving stairway handrail drive. 2,373,764; Apr. 17.
Lautsch, Willy: *See*—
Freudenberg, K., and Lautsch.
Lavietes, David P.: *See*—
Calhoun, Earl E., assignor.
Lavietes, David P., Brooklyn, N. Y. Curing briar for pipe manufacture. 2,367,360; Jan. 16.
Lavin, John J., Chicago, Ill. Automatic overload and power releasing device. 2,376,925; May 29.
Law, George H., and J. H. Purse, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Insecticides. 2,390,597; Dec. 11.
Law, Hugh, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Work handling mechanism. 2,376,495; May 22.
Lawe, Thomas: *See*—
Sturrock, M. G., and Lawe.
Lawler Automatic Controls: *See*—
Lawler, James R., assignor.
Lawler, Frank P., Chicago, Ill., assignor to Service Supply Corporation, Philadelphia, Pa. Double drum hoist. 2,376,972; May 29.
Lawler, James R., Pelham, assignor to Lawler Automatic Controls, Mt. Vernon, N. Y. Heating system. 2,369,242; Feb. 13.
Lawler, John A., Los Angeles, Calif., and S. K. Hoffman, Williamsport, Pa., assignors to Aviation Corporation, New York, N. Y. Two-speed driving mechanism. 2,386,220; Oct. 9.
Lawler, William R., Burbank, Calif. Safety rivet set. 2,379,809; July 3.
Lawlor, Joseph P., Ames, Iowa. Method and apparatus for treating water. 2,376,543; May 22.
Lawlor, Joseph P., Ames, Iowa. Method and apparatus for treating water. 2,382,490; Aug. 14.
Lawlor, Reed C., Pasadena, and H. E. Metcalf, San Francisco, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Geochemical prospecting system. 2,376,366; May 22.
Lawrence, A. C., Leather Company: *See*—
Griffin, R. L., and Moore, assignors.
Lawrence, Alfred A., Port Chester, N. Y., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Stiffened fabrics. 2,370,550; Feb. 27.
Lawrence, Charles K., Baldwinsville, and R. F. Engle, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Preventing corrosion of ferrous metals by ammoniacal solutions of ammonium nitrate. 2,366,796; Jan. 9.
Lawrence, Charles K., Baldwinsville, and R. F. Engle, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Preventing corrosion of ferrous metals by solutions of electrolytes. 2,377,792; June 5.
Lawrence, Donald M., Caldwell, N. J., and S. K. Lehman, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Flow regulating system. 2,390,487; Dec. 4.

Lawrence, George S., Chester, Pa. Toy tank. 2,388,638; Nov. 6.
Lawrence, Harold J., Mariemont, assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Crutch for surgical tables. 2,366,972; Jan. 9.
Lawrence, Harold J., Milwaukee, Wis., assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Crutch. 2,391,717; Dec. 25.
Lawrence, Howard C., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Ultra-high frequency wavemeter. 2,379,165; June 26.
Lawrence, Howard C., Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Radio receiver. 2,387,666; Oct. 23.
Lawrence, Howard F., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa. Position control mechanism. 2,391,578; Dec. 25.
Lawrence Paper Company: *See*—
Anderson, Roy D., assignor.
Lawrence, Richard R., Liberty, Tex. Wire line safety control packer. 2,376,605; May 22.
Lawrence, Richard R., Liberty, Tex. Pulling tool. 2,377,249; May 29.
Lawrence, Robert H., Fort Worth, Tex., assignor of one-half to Henry T. Marshall, Sweetwater, Tex. Attachment for sport or similar shoes. 2,372,501; Mar. 27.
Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter. 2,368,765; Feb. 6.
Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Carbonaceous material. 2,375,008; May 1.
Lawrence, Thomas B.: *See*—
Erwin, G. C., and Lawrence.
Lawrence, Walter P.: *See*—
Murdock, H. R., and Lawrence.
Lawrenz, Otto, Chicago, Ill. Cutting recesses. 2,389,201; Nov. 20.
Lawshe, Errol R., assignor to Becton, Dickinson & Co., Rutherford, N. J. Blood collecting instrument. 2,376,436; May 22.
Lawshe, Walter D.: *See*—
Laucks, I. F., Merritt, Lawshe, and Dike.
Lawson, Birdsall P., assignor to Pelling Chain Company, Providence, R. I. Mechanism for forming sliders. 2,366,269; Jan. 2.
Lawson, Elmer J.: *See*—
Marker, R. E., and Lawson.
Parke, H. C., and Lawson.
Lawson, Elmer J., and H. C. Parke, assignors to Parke, Davis & Company, Detroit, Mich. Preparation of vitamin intermediate. 2,372,092; Mar. 20.
Lawson, Everett L., and R. V. Stegman. Los Angeles, Calif. Cutting tool. 2,379,307; June 26.
Lawson, Gerald W., Malden, Mass., assignor to General Electric Company. Gas turbine. 2,385,006; Sept. 18.
Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,377,250; May 29.
Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lighting system. 2,383,202; Aug. 21.
Lawson, John W., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,385,629; Sept. 25.
Lawson, Lloyd, et al.: *See*—
Rainsford, Thomas F., assignor.
Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Power transmitting mechanism. 2,374,360; Apr. 24.
Lawson, Robert H., Lakeport, assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitted fabric with elastic selvage. 2,380,768; July 31.
Lawson, Robert H., and P. W. Bristow, Laconia, N. H., assignors to Scott & Williams, Incorporated. Knitting machine. 2,388,750; Nov. 13.
Lawson, Thomas A., San Francisco, Calif. Roof covering. 2,373,317; Apr. 10.
Lawson, Walter E.: *See*—
Castner, J. B., and Lawson.
Lawton, C. A., Company, The: *See*—
Witbro, Alexander W., assignor.
Lawton, George W., assignor to The United States Bung Manufacturing Company, Cincinnati, Ohio. Forming bungs. 2,378,713; June 19.
Lawton, Jarvis K., Allentown, Pa. Drain pipe cleaning gun. 2,386,870; Oct. 16.
Lax, Henry, New York, N. Y. Oscillosphygmograph. 2,371,244; Mar. 13.
Laxo, Ed, Riverside, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for tinning margins of black iron can body blanks. 2,382,236; Aug. 14.
Laxo, Ed, Riverside, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for tinning margins of black iron can body blanks. 2,382,237; Aug. 14.
Laxo, Ed., Riverside, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for tinning the edges of can body blanks. 2,384,556; Sept. 11.
Layng, Edwin T., assignor to The Polymerization Process Corporation, Jersey City, N. J. Catalyst preparation. 2,367,877; Jan. 23.
Layng, Edwin T., Jersey City, N. J., and D. E. Payne, Chicago, Ill., assignors of one-half to Standard Oil Company, and one-half to The M. W. Kellogg Company. Multistage dehydroaromatization. 2,374,109; Apr. 17.
Laystrom, C. A., et al.: *See*—
Barna, Joseph W., assignor.
Lazan, Benjamin J., State College, Pa. Materials testing apparatus. 2,366,342; Jan. 2.
Lazar, Arthur, Concord, P. M. Ruedrich, Berkeley, and R. L. Frazier, Concord, Calif., assignor to Associated Oil Company, and Tide Water Associated Oil Company. Lubricant and preparing the same. 2,371,763; Mar. 20.
Lazarus, Meyer, Forrest Hills, N. Y. Contacting terminal structure for oxidation products of electrical devices. 2,370,104; Feb. 20.
Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of vinyl halides. 2,389,626; Nov. 27.
Lazier, Wilbur A., Wilmington, and G. M. Whitman, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of vinyl chloride. 2,391,465; Dec. 25.
Lea, Henry V., and L. W. Schmidt, Rio Vista, Calif., assignors of twenty-one and one-fourth percent to C. A. Loucks, thirty-six and one-fourth percent to L. K. Schmidt, twenty-one and one-fourth percent to A. M. Jongeneel and twenty-one and one-fourth percent to G. P. du Bose. Plow assembly for beet harvesters. 2,377,347; June 5.
Lea, Henry V., and L. W. Schmidt, Rio Vista, and G. P. du Bose, Stockton, Calif., assignors of twenty-one and one-fourth per cent to C. A. Loucks, thirty-six and one-fourth per cent to L. K. Schmidt, twenty-one and one-fourth per cent to A. M. Jongeneel and twenty-one and one-fourth per cent to said du Bose. Leaf cutting attachment for beet harvesters. 2,380,701; July 31.
Lea, Percy R., Stockton, Calif. Automatic propeller pitch control device. 2,382,072; Aug. 14.
Lea, William C., Los Angeles, Calif. Collet holder. 2,389,372; Nov. 20.
Leach Company: *See*—
Mott, Carl W., assignor.
Leach, George O.: *See*—
Jones, Ernest G.
Leach, Jonathan L.: *See*—
Hubbard, K. H., Mason, and Leach.
Leach, Lawrence D., and L. G. Strom, Minneapolis, Minn.; said Strom assignor to said Leach. Brush holder. 2,382,799; Aug. 14.
Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloys. 2,383,976; Sept. 4.
Leadbetter, Ralph L., Wheaton, assignor, by mesne assignments, to Burgess-Manning Company, Chicago, Ill. Silencer and solid particle separator. 2,389,988; Nov. 27.
Leander, Russell J., assignor to The Leaton Corporation, Chicago, Ill. Indicia and applying. 2,381,605; Aug. 7.
Leander, Russell J., assignor to The Leaton Corporation, Chicago, Ill. Stencil and stenciling. 2,383,913; Aug. 28.
Leape, Charles B., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Scraper head for wire. 2,370,051; Feb. 20.
Leape, Charles B., and G. R. Haywood, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for testing enameled wire. 2,372,093; Mar. 20.
Lear Avia, Inc.: *See*—
Lear, William P., assignor.
Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Brake for hoists. 2,382,644; Aug. 14.
Lear, Earl B., Garfield Heights, and J. A. Hope, Lakewood, assignors, by mesne assignments, to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Hoist control. 2,378,225; June 12.
Lear, Incorporated: *See*—
Lear, William P., assignor.
Lear, William P., assignor to Lear Avia, Inc., Piqua, Ohio. Multiple actuator system. 2,366,734; Jan. 9.
Lear, William P., North Hollywood, Calif., assignor to Lear Avia, Inc., Piqua, Ohio. Actuator mounting. 2,367,033; Jan. 9.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio Selective driving system. 2,370,976; Mar. 6.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Direction radio transmitting system. 2,375,421; May 8.
Lear, William P., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Radio cabinet. 2,377,432; June 5.
Lear, William P., Dayton, assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Radio guidance system. 2,379,362; June 26.
Lear, William P., Dayton, assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Aircraft radio localizer system. 2,379,363; June 26.
Lear, William P., Chicago, Ill., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Radio direction finding system. 2,384,317; Sept. 4.

Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Variable drive control. 2,385,630; Sept. 25.
Leary, Richard E., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method of and apparatus for shaping thermoplastic sheets. 2,377,946; June 12.
Leary, Richard E., Newark, and B. M. Marks, Upper Montclair, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating acrylic resins. 2,369,057; Feb. 6.
Lease, John F., assignor of one-half to G. H. Barnes, Pico, Calif. Folding metal chicken crate. 2,373,481; Apr. 10.
Leatherman, Martin, Hyattsville, Md. Fireproofing compositions. 2,378,714; June 19.
Leatherman, Martin, Hyattsville, Md. Fireproofing compositions. 2,378,715; June 19.
Leathers, Chester F., assignor to Progressive Welder Company, Detroit, Mich. Welding apparatus. 2,372,211; Mar. 27.
Leathers, Lou E., Dixon, Calif. Wrench. 2,386,616; Oct. 9.
Leathers, Ward, Brooklyn, assignor to Quadrex Corporation, New York, N. Y. Strain-relief for electric cords. 2,375,373; May 8.
Leathers, Ward, Brooklyn, and H. Panissidi, Jamaica, assignors to International Business Machines Corporation, New York, N. Y. Data storing device and data selecting means therefor. 2,385,007; Sept. 18.
Leathers, Ward, and J. Haddad, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Data storing device and selecting means therefor. 2,386,482; Oct. 9.
Leaton Corporation, The: *See*—
Leander, Russell J., assignor.
Leaver, Paul J., Lowell, Mass., and P. W. Matthews, Fontana, Calif. Propeller hoist. 2,381,913; Aug. 14.
Leavitt Machine Company, The: *See*—
Wilcox, Philip E., assignor.
Leavitt, Roger P.: *See*—
Koch, G. J., and Leavitt.
Le Baron, Ira M., Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,381,219; Aug. 7.
Le Beau, Arthur, Chicago, Ill., assignor to Petrogalar Laboratories, Inc. Box opening machine. 2,379,090; June 26.
Lebedeff, Yurii E.: *See*—
Betterton, J. O., and Lebedeff.
Lebedeff, Yurii E., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Reclaiming magnesium from scrap. 2,383,659; Aug. 28.
Lebermann, August A., Highland Park, Mich. Utility tooth rest. 2,368,225; Jan. 30.
Le Bleu, Charles, Los Angeles, Calif. Selector, control valve and the like. 2,384,318; Sept. 4.
Le Blond, R. K., Machine Tool Company, The: *See*—
Blond, R. K., and Kemper, assignors.
Carr, Charles M., assignor.
Groene, William F., assignor.
Groene, W. F., and Aufderhar, assignors.
Groene, W. F., and Meyer, assignors.
Le Blond, Richard K., Cincinnati, and H. C. Kemper, Goshen Township, Clermont County, assignors to The R. K. Le Blond Machine Tool Co., Cincinnati, Ohio. Milling machine drive mechanism. 2,389,627; Nov. 27.
Lebold, Samuel N., assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,389,318; Nov. 20.
Le Bras, Jean N. L.: *See*—
Compagnon, P. H. M., and Le Bras.
Lebrecht, Carl E., San Antonio, Tex. Dispensing device. 2,380,533; July 31.
Le Brun, Rosario W., Waterloo, N. Y. Dial indicator. 2,368,479; Jan. 30.
Lebus, William A., assignor to Prismacolor, Inc., Chicago, Ill. Projector. 2,384,319; Sept. 4.
Lecher, Hans Z.: *See*—
Adams, F. H., Lecher, and Hardy.
Lecher, Hans Z., Plainfield, and W. B. Hardy and F. H. Adams, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Stabilization of coloring compositions containing diazonium salts. 2,378,305; June 12.
Lecher, Hans Z., Plainfield, J. P. Goulding, Neshanic Station, and R. P. Parker, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuff derivatives of 6-amino-1,3 benzodioxan. 2,379,725; July 3.
Lecher, Hans Z., Plainfield, and J. K. Dixon, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Acetylation of cyanohydrins. 2,383,137; Aug. 21.
Lecher, Hans Z., Plainfield, R. P. Parker and R. S. Long, Somerville, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuffs from 5-amino coumaran. 2,383,264; Aug. 21.
Lecher, Hans Z., Plainfield, R. P. Parker, Somerville, and J. J. Denton, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. N-substituted derivatives of 4,4'-diamino-diphenyl ether. 2,385,088; Sept. 18.
Lecher, Hans Z., Plainfield, and W. B. Hardy, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of the addition compound of trimethylamine and sulphur trioxide. 2,386,693; Oct. 9.
Lecher, Hans Z., Plainfield, and J. P. Goulding, Neshanic Station, N. J., assignors to American Cyanamid Company, New York, N. Y. Azo dyestuff derivatives of 5-amino-1,3 benzodioxole. 2,387,848; Oct. 30.
Lechler, Bruno C., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Safety electric control for fluid-operated machines. 2,369,243; Feb. 13.
Lechthaler, Charles H., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Method and apparatus for the conversion of hydrocarbons. 2,384,932; Sept. 18.
Lecky, Prescott, and J. J. Shively, New York, N. Y. Explosive and detonating apparatus. 2,368,310; Jan. 30.
Le Clair, Camille C. S., Acton, London, England. Reciprocating pump. 2,371,054; Mar. 6.
Le Clair, Camille C. S., Acton, London, England. Pump. 2,377,251; May 29.
Le Clair, Camille C. S., Acton, London, England. Reciprocating pump. 2,383,324; Aug. 21.
Le Clair, Camille C. S., Ealing, London, England. Preventing the aeration of liquid in liquid circulating systems. 2,374,822; May 1.
Le Clair, Camille C. S., Ealing, London, England. Feeding deicing liquids to air foil surfaces. 2,386,125; Oct. 2.
Le Clair, Camille C. S., Ealing, London, England. Reciprocating pump. 2,390,798; Dec. 11.
Le Clair, Titus G., Chicago, Ill. Automatic printing and totalizing metering system. 2,366,913; Jan. 9.
Le Clair, Titus G., Chicago, Ill., J. R. Harrington, Mansfield, and B. H. Smith, Shelby, Ohio; said Harrington and said Smith assignors to said Le Clair. Printing mechanism. 2,366,914; Jan. 9.
Le Clair, William, Martinsdale, Mont. Carcass handling apparatus. 2,366,535; Jan. 2.
Le Compte, George C.: *See*—
Johnston, A., and Le Compte.
Lecorguillier, Jean, Suresnes, France; vested in the Alien Property Custodian. Device for starting and feeding electric discharge tubes. 2,373,402; Apr. 10.
Ledbetter, Leonard L., et al.: *See*—
Deavenport, Ben M., assignor.
Lederer, Iven W.: *See*—
Stephens, L. A., and Lederer.
Lederer, Karl M., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Resistance element. 2,379,530; July 3.
Lederle Laboratories, Inc.: *See*—
Baker, Bernard R., assignor.
Carlson, G. H., and Hotchkiss, assignors.
Carlson, G. H., and Safir, assignors.
Dyas, Clair S., assignor.
Moos, A. M., and Price, assignors.
Parfentjev, Ivan A., assignor.
Stirn, Frank E., assignor.
Lederman, Mack E., Seattle, Wash. Surface waxing and polishing machine. 2,388,486; Nov. 6.
Ledin, Charles, and P. T. Krause, Stamford, Conn. Latch bolt holdback. 2,379,810; July 3.
Leditschke, Heinrich: *See*—
Bockmühl, M., Schaumann, Bartholomäus, and Leditschke.
Ledoux, Robert F., Springfield, Mass. Reproduction method. 2,386,806; Oct. 16.
Leduc, Wilbur: *See*—
Eaton, W. C., and Leduc.
Ledwin, Richard D.: *See*—
Koester, N. C., Benzel, and Ledwin.
Ledwinka, Joseph, assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Truck, especially for rail cars. 2,370,605; Feb. 27.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Truck. 2,374,218; Apr. 24.
Lee, Alan P., Madison, and W. G. King, Jr., Montclair, N. J. Purification and deodorization process. 2,368,669; Feb. 6.
Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Shuttle car. 2,381,672; Aug. 7.
Lee, Arthur L., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,387,159; Oct. 16.
Lee, Asa R., assignor to Designers For Industry, Inc., Cleveland, Ohio. Altimeter. 2,378,226; June 12.
Lee, Asa R., assignor to Designers For Industry, Inc., Cleveland, Ohio. Rate-of-climb indicator. 2,378,227; June 12.
Lee, Bernard F., Framingham, assignor to Jacob Sandler, Brookline, Mass. Shoemaking. 2,381,356; Aug. 7.
Lee, Charles A., U. S. Navy, Laramie, Wyo. Apparatus for hydrodynamic-testing of ship models. 2,378,412; June 19.
Lee, Charles A., U. S. Navy, Laramie, Wyo. Circulating water channel. 2,382,999; Aug. 21.

Lee, Edward C., deceased, Chicago, Ill., by J. S. Lee, Ames, Iowa, administratrix, and J. E. Ahlberg, New York, N. Y., assignors to Universal Oil Products Company, Chicago, Ill. Catalytic conversion process. 2,381,825; Aug. 7.

Lee, Edward C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oil. 2,382,239; Aug. 14.

Lee, Edwin C., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Attachment of metal fittings to insulators. 2,374,638; Apr. 24.

Lee, Edwin C., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Articles formed from paper impregnated with polymerised material. 2,389,733; Nov. 27.

Lee, Elizabeth K.: *See*—
Lee, H. C., Lee, and Schoenlaub.

Lee, Floyd J.: *See*—
Griswold, G. G., and Lee.
Hull, J. L., and Lee, assignors.

Lee, Floyd J., La Habra, assignor of one-half to J. L. Hull, Los Angeles, Calif. Fire extinguishing apparatus. 2,381,606; Aug. 7.

Lee, Floyd J., La Habra, assignor of one-half to J. L. Hull, Los Angeles, Calif. Liquid-ejecting apparatus. 2,381,607; Aug. 7.

Lee Foundation for Nutritional Research: *See*—
Lee, Royal, assignor.

Lee, Frederick W., Owings Mills, Md., assignor to the Government of the United States as represented by the Secretary of the Interior. Producing artificial thermals. 2,371,629; Mar. 20.

Lee, Harley C., and E. K. Lee, Columbus, and R. A. Schoenlaub, Tiffin, assignors to Basic Refractories, Inc., Cleveland, Ohio. Treatment of lime-containing raw materials. 2,382,886; Aug. 14.

Lee, Harold, Seattle, Wash. Prefabricated vessel construction. 2,371,964; Mar. 20.

Lee, Harry E., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Method of and apparatus for producing valved or sleeved bags. 2,387,274; Oct. 23.

Lee, Harry F., Grand Junction, Colo. Aerial cannon. 2,384,320; Sept. 4.

Lee, Harry F., Grand Junction, Colo. Variable camber airplane wing. 2,384,933; Sept. 18.

Lee, Henry B., assignor to The Ludlow Valve Manufacturing Co., Inc., Troy, N. Y. Check valve. 2,368,149; Jan. 30.

Lee, Jess M., Los Angeles, Calif. Heat-treating system. 2,383,203; Aug. 21.

Lee, John, assignor to Hoffmann-La Roche, Inc., Nutley, N. J. Betaine esters. 2,367,878; Jan. 23.

Lee, John, Nutley, N. J., and S. D. Heineman, New York, N. Y. Manufacture of pantothenic acid. 2,371,245; Mar. 13.

Lee, John, Nutley, N. J., and S. D. Heineman, New York, N. Y., assignors to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of nicotinic acid. 2,389,065; Nov. 13.

Lee, John, Essex Fells, and L. Berger, assignors to Hoffman-LaRoche, Inc., Nutley, N. J. α-Aniline-N-d-ribofuranoside and manufacture thereof. 2,383,977; Sept. 4.

Lee, John, Essex Fells, U. V. Solmssen, Clifton, and L. Berger, assignors to Hoffmann-LaRoche, Inc., Nutley, N. J. Aromatic amine-n-pentapyranosides and manufacture of same. 2,384,102; Sept. 4.

Lee, John, Essex Fells, U. V. Solmssen, Clifton, and L. Berger, assignors to Hoffmann-LaRoche, Inc., Nutley, N. J. Manufacture of pentoses. 2,384,103; Sept. 4.

Lee, John, Essex Fells, and L. Berger, assignors to Hoffmann-La Roche, Inc., Nutley, N. J. Triacyl pentoses and manufacture thereof. 2,384,104; Sept. 4.

Lee, John, Essex Fells, U. V. Solmssen, Clifton, and L. Berger, assignors to Hoffmann-LaRoche, Inc., Roche Park, Nutley, N. J. Ribitylaminobenzenes and manufacture thereof. 2,384,105; Sept. 4.

Lee, Julia S., administratrix: *See*—
Lee, E. C., and Ahlberg.

Lee, Lewis B.: *See*—
Dake, Charles W., assignor.

Lee, Martin L., Brooklyn, N. Y. Projectile. 2,372,383; Mar. 27.

Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Company, Inc. Coined wire splice. 2,375,480; May 8.

Lee, Marvin, Rye, and I. F. Matthysse, Bronx, N. Y., assignors to Burndy Engineering Company, Inc. Manufacturing a connector tubular splice with worked inner serrations. 2,375,481; May 8.

Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,374,022; Apr. 17.

Lee, Robert E., assignor to The Standard Register Company, Dayton, Ohio. Stationery. 2,377,348; June 5.

Lee, Robert J. L., Cleveland, assignor to The McBee Company, Athens, Ohio. Comparative data file. 2,368,226; Jan. 30.

Lee, Roger K., Detroit, Mich. Control device for automotive vehicles. 2,366,413; Jan. 2.

Lee, Roger K., Detroit, Mich. Spring suspension for vehicles. 2,379,012; June 26.

Lee, Royal, assignor to Lee Foundation for Nutritional Research, Milwaukee, Wis. Preservation of liquid foods. 2,374,219; Apr. 24.

Lee, William McC.: *See*—
Schreiber, R. P., and Lee.

Leeds and Northrup Company: *See*—
Bristol, Edward S., assignor.
Godshalk, James B., assignor.
Stein, Irving M., assignor.
Williams, Albert J., Jr., assignor.

Leeds, Benjamin L., North Pelham, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sighting instrument. 2,378,937; June 26.

Leeds, Winthrop M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,372,094; Mar. 20.

Leeds, Winthrop M., Wilkinsburg, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,372,589; Mar. 27.

Leeds, Winthrop M., Wilkinsburg, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,385,008; Sept. 18.

Leedy, Nelson J.: *See*—
Fletcher, E., and Leedy.

Leekley, Robert M.: *See*—
Agre, C. L., and Leekley.

Leeper, Lawrence W., deceased, Dallas, Tex.; N. K. Leeper, executrix. Revolving chopper. 2,389,790; Nov. 27.

Leeper, Naomi K., executrix: *See*—
Leeper, Lawrence W.

Leermakers, John A.: *See*—
Fallesen, G. E., and Leermakers, assignors.
Jackel, E. C., Leermakers, and Staud.

Lees, Milton H., Jr., Pasadena, Calif. Rivet. 2,371,452; Mar. 13.

Lees, Milton H., Jr., Pasadena, Calif. Rivet construction. 2,384,321; Sept. 4.

Lefebure, Victor: *See*—
Etridge, J. J., Himsworth, and Lefebure.

Le Febvre, Alfred L.: *See*—
Cave, H., Fuller, and Le Febvre.

Le Fever, Mortier W., Arlington County, Va. Calculating device. 2,375,666; May 8.

Le Fevre, Walter J.: *See*—
Britton, E. C., and Le Fevre.

Leffingwell, Wallace B.: *See*—
Weesner, C. W., and Leffingwell.

Lefforge, John W., near Columbia, Tenn. Flotation of magnesite. 2,373,123; Apr. 10.

Lefkowitz, Elizabeth: *See*—
Nunes, John S., assignor.

Leflar, Jerome, and V. L. Darnell, assignors to The Master Electric Company, Dayton, Ohio. Motor housing. 2,381,914; Aug. 14.

Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Dispensing device. 2,373,124; Apr. 10.

Legat, Robert C., assignor to The G. E. Prentice Mfg. Co., New Britain, Conn. Slider for separable fasteners. 2,366,797; Jan. 9.

Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Distillation process. 2,369,058; Feb. 6.

Leger, Alfred H.: *See*—
Fickett, E. L., Leger, and Stocking.

Leger, Edward N., assignor of one-half to N. Pandiscio, Fitchburg, Mass. Black out device or the like. 2,371,764; Mar. 20.

Legere, Alderic C., Beachmont, assignor to Industrial Engineering Corporation, Boston, Mass. Ice refrigerator. 2,374,159; Apr. 17.

Le Gere, Joseph F.: *See*—
Blackmon, J. M., and Le Gere.

Legg, David A., and S. C. Beesch, Philadelphia, Pa., assignors to Publicker Commercial Alcohol Company. Production of substances rich in riboflavin. 2,370,177; Feb. 27.

Legg, Eugene H., Bergoo, assignor of one-half to C. M. Blankenship, Adrian, W. Va. Pipe wrench. 2,374,604; Apr. 24.

Leggett, Herbert, and Z. J. Pucci, Kansas City, Mo.; said Leggett assignor to said Pucci. Bottle carrier. 2,385,997; Oct. 2.

Legowik, Thaddeus, A. B., Great Falls, Mont. Composite beam. 2,391,250; Dec. 18.

Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Self-laying track. 2,385,453; Sept. 25.

Leguillon, Charles W., and H. L. Young, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for uniting plastic material. 2,377,018; May 29.

Lehane, Timothy J., and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Inner tube radiation with internal metallic conduction. 2,372,502; Mar. 27.

Lehane, Timothy J., and E. H. Burgess, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostat control circuit. 2,382,073; Aug. 14.

Lehane, Timothy J., and E. H. Burgess, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Temperature control by overhead ventilation. 2,389,860; Nov. 27.

Lehde, Henry, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Electromagnetic device. 2,381,673; Aug. 7.
Lehde, Henry, Brooklyn, N. Y., assignor to The Brown Instrument Company, Philadelphia, Pa. Apparatus for automatically adjusting electrical networks. 2,385,454; Sept. 25.
Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,366,201; Jan. 2.
Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,389,262; Nov. 20.
Lehman, Laurence N.: *See*—
Spurlino, P., Colley, Lehman, and Gantner.
Lehman, Louis H., Philadelphia, Pa. Shower enclosure. 2,374,490; Apr. 24.
Lehman, Max I., New York, N. Y. Child's garment 2,386,871; Oct. 16.
Lehman, Samuel K.: *See*—
Lawrence, D. M., and Lehman.
Lehman, Samuel K., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid filter. 2,383,065; Aug. 21.
Lehmann, J. M., Co., Inc.: *See*—
Hollstein, Paul, assignor.
Lehmann, Rudolph: *See*—
Riggs, W. S., and Lehmann.
Lehmberg, William H.: *See*—
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.
Lehmberg, William H., Dudley, assignor to American Optical Company, Southbridge, Mass. Respirator. 2,371,965; Mar. 20.
Lehmberg, William H., Riverside, Conn., C. A. Baratelli, Cambridge, and W. Lown, Boston, assignors to American Optical Company, Southbridge, Mass. Eye protection means and supporting means thereof. 2,387,849; Oct. 30.
Lehmeier, Carl F., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Punching device. 2,378,777; June 19.
Lehnhard, Philip J., Jr., Houston, Tex., assignor to The Dow Chemical Company, Midland, Mich. Determining the permeability of earth formations. 2,376,878; May 29.
Lehon Company, The: *See*—
Cuno, Charles W., assignor.
Lehrecke, Hans, assignor to Aktiebolaget Kemiska Patenter, Landskrona, Sweden. Filtering apparatus. 2,377,252; May 29.
Lehrman, Leo A., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,383,265; Aug. 21.
Leib, Francis E., Jefferson, and H. R. Wilbur, Reading, assignors to Copperweld Steel Company, Glassport, Pa. Vibration damper for suspended wires and cables. 2,374,823; May 1.
Leibe, Frank A.: *See*—
McLarn, E. S., and Leibe.
Leibe, Frank A., Quakertown, Pa., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Field telephone system. 2,376,367; May 22.
Leibfritz, William F., Villa Park, Ill., assignor to H. Quest and J. H. McAlvin. Manifolding flat pack. 2,387,667; Oct. 23.
Leibow, Saul, Providence, R. I. Fluorescent maintenance apparatus. 2,385,820; Oct. 2.
Leidgen, Mildred: *See*—
Leidgen, Nicholas C., assignor.
Leidgen, Nicholas C., Lansing, Mich., assignor, by decree of distribution, to M. Leidgen. Window sash control device. 2,381,976; Aug. 14.
Leifer, Charles L., Forest Hills, N. Y. Paper collating machine. 2,389,066; Nov. 13.
Leininger, Floyd F., Plant City, Fla. Electrical firearm. 2,381,547; Aug. 7.
Leinweber, William H., Chicago, Ill. Combination valve nozzle. 2,388,334; Nov. 6.
Leisen, Frederic A., Grosse Pointe Farms, Mich. Aircraft structure. 2,389,917; Nov. 27.
Leisenring, Arthur C., Denver, Colo. Wrench. 2,382,074; Aug. 14.
Leiserson, Joseph L.: *See*—
Weissberger, A., and Leiserson.
Leishman, Leroy J.: *See*—
Soffietti, Giuseppe, assignor.
Leishman, Le Roy J., Los Angeles, Calif. Push button tuner. 2,374,293; Apr. 24.
Leishman, Le Roy J., Los Angeles, Calif. Automatic tuner. 2,374,824; May 1.
Leishman, Le Roy J., Los Angeles, Calif. Automatic tuner. 2,378,023; June 12.
Leistensnider, George P., and H. G. Koch, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Packing. 2,372,095; Mar. 20.
Leistensnider, George P., Somerville, and H. H. Rinehart, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Thermal insulation and manufacture. 2,383,604; Aug. 28.
Leisure, James R., Compton, Calif. Nut anchor. 2,374,548; Apr. 24.
Leithiser, George L., York, Pa., assignor to General Electric Company. Tensioning device. 2,388,982; Nov. 13.
Le Jeune, Frank H., assignor to Hayes Industries, Inc., Jackson, Mich. Lock ring. 2,367,788; Jan. 23.
Le Jeune, Frank H., assignor to Hayes Industries, Inc., Jackson, Mich. Counterbalance for wheels. 2,370,361; Feb. 27.
Lejeune, Leon M. S., Paris, France; vested in the Alien Property Custodian. Manufacturing balls for games. 2,373,899; Apr. 17.
Leland Electric Company, The: *See*—
Moore, Thomas W., assignor.
Leland, George H., Dayton, Ohio. Bomb rack. 2,379,364; June 26.
Leland, George H., Dayton, Ohio. Bomb rack. 2,389,202; Nov. 20.
Leland, George H., Dayton, Ohio. Hoisting mechanism. 2,391,172; Dec. 18.
Leland, Robert W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Landing gear. 2,375,422; May 8.
Leland, Robert W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor control. 2,387,799; Oct. 30.
Leland, Robert W., and C. J. Werner, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Actuator. 2,387,800; Oct. 30.
Leland Stanford Junior University, The, The Board of Trustees of: *See*—
Hansen, William W., assignor.
Hansen, W. W., and Varian, assignors.
Varian, R. H., Hansen, and Ginzton, assignors.
Lelinski, Valentine: *See*—
Cameron, A. M., and Lelinski.
Leming, Robert L., Florissant, Mo. Layout and drill V-block. 2,371,831; Mar. 20.
Lemke, Charles B., Chicago, Ill. Heel lift. 2,387,334; Oct. 23.
Lemmel, Paul T., Madison, Wis., and H. P. Fell, assignors to The Borden Company, New York, N. Y. Preparation of concentrated fluid milk products. 2,381,761; Aug. 7.
Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Fluorescent tube coating. 2,366,270; Jan. 2.
Lemmers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Method and apparatus for testing sealed envelopes. 2,370,475; Feb. 27.
Lemmon, Alexis W., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,373,765; Apr. 17.
Lemmon, Alexis W., Upper Arlington, Ohio, assignor to The Jeffrey Manufacturing Company. Chain attachment. 2,377,253; May 29.
Lemonier, Camille R., East Aurora, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation. Control mechanism for aircraft. 2,373,575; Apr. 10.
Lempco Products, Inc.: *See*—
Blazek, John Y., assignor.
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring instrument. 2,367,950; Jan. 23.
Lenik, Peter: *See*—
Baker, Calvin A., assignor.
Lenk, Kurt H., assignor to Parker Manufacturing Company, Worcester, Mass. Saw frame. 2,388,655; Nov. 6.
Lent, Clifford M., Peekskill, N. Y., assignor, by mesne assignments, to Interchemical Corporation. Flat coating composition and an oilcloth made therefrom. 2,381,915; Aug. 14.
Lento, Louis L., Jr., and A. G. Houpt, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Purification of ferricyanide. 2,366,915; Jan. 9.
Lentz, Alfred P., Maywood, assignor to Richfield Oil Corporation, Los Angeles, Calif. Asphaltic compound. 2,375,117; May 1.
Lentz, Anton, Heidelberg, Germany; vested in the Alien Property Custodian. Driver's seat, especially for tractors and agricultural machines. 2,373,694; Apr. 17.
Lentz, Clarence J., and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Producing zinc oxide. 2,370,977; Mar. 6.
Lenz, Charles E., Baltimore, Md. Cushion structure. 2,368,930; Feb. 6.
Lenz, Joseph L.: *See*—
Thomas, Allan H., assignor.
Leo, Herbert T., and C. C. Taylor, assignors to Mutual Citrus Products Company, Anaheim, Calif. Citrus juice powder and making same. 2,367,131; Jan. 9.
Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Preparing pectin. 2,367,132; Jan. 9.
Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Making a food product from lemon juice. 2,367,789; Jan. 23.
Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Pectous food product. 2,369,059; Feb. 6.
Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Company, Anaheim, Calif. Treating gum solutions. 2,380,115; July 10.
Leon, Harry J., Hartford, Conn. Garment. 2,381,295; Aug. 7.

Leonard, Edward J.: *See*—
Heckethorn, J. E., Bourg, and Leonard.
Leonard, Henry K., assignor to Toledo Scale Company, Toledo, Ohio. Sensing mechanism. 2,370,805; Mar. 6.
Leonard, Lloyd H., Washington, D. C. Aircraft. 2,387,762; Oct. 30.
Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus and systems. 2,376,789; May 22.
Leonard, Merrill G., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,389,373; Nov. 20.
Leonard, William E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Rubber adherent wire. 2,387,335; Oct. 23.
Leone, Domenico: *See*—
Weiss, Ugo, and Leone.
Leonhart, William F., Mount Lebanon, Pa., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Sheet feeding mechanism. 2,378,306; June 12.
Leopold, F. B., Company, Inc.: *See*—
Myron, John P., assignor.
Le Page, Wilbur R., Pikesville, Md., assignor to Radio Corporation of America. Plural feed-back system for light sources. 2,388,854; Nov. 13.
Lepkowski, Thomas, Washington, D. C. Cable or rope capping machine. 2,390,598; Dec. 11.
Lepp, William H., Afton, assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Hold-down clip for carton closure flaps. 2,375,374; May 8.
Leppla, Rudolph, assignor to McConway & Torley Corporation, Pittsburgh, Pa. Railway car truck. 2,373,576; Apr. 10.
Leppla, Rudolph, assignor to McConway & Torley Corp., Pittsburgh, Pa. Car truck. 2,375,930; May 15.
Leppla, Rudolph, assignor to McConway & Torley Corporation, Pittsburgh, Pa. Railway car truck. 2,389,521; Nov. 20.
Leppla, Rudolph, Pittsburgh, Pa., assignor to The Bettendorf Company, Bettendorf, Iowa. Valve retainer. 2,389,522; Nov. 20.
Lepsoe, Robert, Trail, British Columbia, assignor to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Atomization process. 2,371,105; Mar. 6.
Lepsoe, Robert, and B. G. Hunt, Trail, British Columbia, Canada, assignors, by mesne assignments, to The Mathieson Alkali Works (Inc.). Purification of magnesium chloride. 2,375,009; May 1.
Lepsoe, Robert, G. S. Ortner, and J. H. Salter, Trail, British Columbia, Canada, assignors, by mesne assignments, to The Mathieson Alkali Works, Inc. Production of anhydrous magnesium chloride. 2,384,479; Sept. 11.
Lerch, Brooke W., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for stripping material. 2,366,271; Jan. 2.
Lerer, Henry: *See*—
Wolteger, Z., and Lerer.
LeRette, William P., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making platform shoes. 2,381,503; Aug. 7.
Lermont, Basil, assignor to Cairns Corporation, New York, N. Y. Metal ski. 2,377,504; June 5.
Lermont, Basil, New York, and A. M. Wolf, assignors to Cairns Corporation, Brooklyn, N. Y. Device for shaping metal sheets. 2,378,413; June 19.
Lerner, Maurice: *See*—
Hodges, John S., assignor.
Lerner, Sanley, Bronx, N. Y. Rotary metering valve for Diesel engines. 2,385,089; Sept. 18.
Le Roi Company: *See*—
Frantz, John R., assignor.
Le Roy, Franklin J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,390,261; Dec. 4.
Le Roy, Gene: *See*—
Nicholson, William M., assignor.
Le Roy, Robert B.: *See*—
Weeks, N. E., and Le Roy.
Le Roy, Robert B., Rutherford, N. J., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Closure. 2,376,790; May 22.
Lesavoy, I. Lawrence, Allentown, Pa., and I. Brecher, New York, N. Y. Carton. 2,382,240; Aug. 14.
Lescisin, George A.: *See*—
Reeder, W. H., III, and Lescisin.
Lesher, William C., Pittsfield, Mass., assignor to General Electric Company. Operating mechanism. 2,372,503; Mar. 27.
Leshin, Joseph, New York, N. Y. Container. 2,383,726; Aug. 28.
Leskiewicz, Stanley, assignor to North Shore Cutting Die Company, Lynn, Mass. Apparatus for cutting dies. 2,367,225; Jan. 16.
Leslie Company: *See*—
Soderberg, Sten, assignor.
Leslie, Freeland H., Chicago, Ill. Vertical wall louver. 2,382,075; Aug. 14.
Leslie, Freeland H., Chicago, Ill. Slant roof louver. 2,382,076; Aug. 14.
Leslie, Freeland H., Chicago, Ill. Power press brake and die set. 2,382,077; Aug. 14.
Leslie, John H., II, Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Pressure responsive switch. 2,386,807; Oct. 16.
Leslie, John H., II, Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Aircraft heater control apparatus. 2,388,855; Nov. 13.
Lesser, Otto, Berlin, Germany; vested in the Alien Property Custodian. Adhesive unit. 2,387,593; Oct. 23.
Lessey, Samuel K., Chappaqua, N. Y., assignor to The Electric Storage Battery Company. System for controlling charging of storage batteries. 2,385,455; Sept. 25.
Lessmann, Gerhard P., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Opposed-angle brush holder. 2,383,325; Aug. 21.
Lessmann, Gerhard P., Wilkinsburg, and L. G. Tubbs, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction regulator. 2,372,096; Mar. 20.
Lester, Stephen T., Cleveland Heights, Ohio. Measuring apparatus. 2,371,302; Mar. 13.
Lestershire Spool and Manufacturing Company: *See*—
Crooks, Earl G., assignor.
Lesti, Arnold, Rochester, assignor, by mesne assignments, to Fa-Cile Fastener Corporation, New York, N. Y. Hinge. 2,375,118; May 1.
Le Strange, Augustus J., Jackson Heights, and J. D. Gibson, Pelham, N. Y. Electric safety water light. 2,377,161; May 29.
Letoile, Albert, North Providence, R. I. Window casing bracket for shades or curtains. 2,382,887; Aug. 14.
Le Tourneau, R. G., Inc.: *See*—
Brooking, Edgar C., assignor.
Le Tourneau, R. G., assignor.
Le Tourneau, Robert G., assignor.
Magee, Robert B., assignor.
Peterson, Oscar R., assignor.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Crank press. 2,366,272; Jan. 2.
Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Portable overpass. 2,366,916; Jan. 9.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Portable bridge. 2,367,291; Jan. 16.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Boring head. 2,367,292; Jan. 16.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Lever press. 2,370,739; Mar. 6.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Pigeonhole rack truck. 2,371,055; Mar. 6.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Cable anchor 2,374,111; Apr. 17.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Flame hardening apparatus. 2,375,119; May 1.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Folding crane. 2,375,799; May 15.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Mobile crane. 2,375,800; May 15.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Material moving implement. 2,375,801; May 15.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Adjustable rolling mill. 2,376,544; May 22.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Contour cutting lathe. 2,377,701; June 5.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau Inc., Stockton, Calif. Chuck. 2,379,091; June 26.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Lathe tool mounting and actuating mechanism. 2,379,583; July 3.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Feed carriage assembly for lathes. 2,383,266; Aug. 21.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Scraper tail-gate mount and control. 2,383,978; Sept. 4.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau Inc., Stockton, Calif. Extensible axle assembly. 2,385,416; Sept. 25.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Power steering mechanism. 2,386,483; Oct. 9.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Self-locking differential. 2,387,031; Oct. 16.
Lett, Julian T., et al.: *See*—
Wiley, Lee M., assignor.
Letvin, Samuel: *See*—
Bonvillian, C. A., Brierly, and Letvin.
Leuck, Gerald J., Evanston, Ill., assignor to Corn Products Refining Company, New York, N. Y. Polymerization of dextrose. 2,375,564; May 8.

Leuck, Gerald J., Evanston, Ill., assignor to Corn Products Refining Company, New York, N. Y. Polymerization of sugars. 2,387,275; Oct. 23.

Leukert, Wilhelm: *See*—
Koppelmann, F., and Leukert.

Leukhardt, Arthur R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Gear shifting mechanism. 2,374,869; May 1.

Leum, Leonard N., Upper Darby, E. R. Birkhimer and J. H. McCullough, assignors to The Atlantic Refining Company, Philadelphia, Pa. Recovery of phenols from alkaline treating solutions. 2,368,931; Feb. 6.

Leum, Leonard N., Upper Darby, and F. G. Clapetta, Yeadon, assignors to The Atlantic Refining Company, Philadelphia, Pa. Production of isobutylene. 2,390,951; Dec. 11.

Leupold & Stevens Instruments: *See*—
Clark, Charles A., assignor.
Stevens, John C., assignor.

Leutwiler, Richard W.: *See*—
Ehretsman, J. L., and Leutwiler.

Leuvelink, Bernard, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Clamping device. 2,382,428; Aug. 14.

Lev, Andrew J., Maple Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Sheet holder. 2,373,482; Apr. 10.

Lev, Benjamin, Chicago, Ill. Mechanism for capturing freed lint and other particles. 2,370,865; Mar. 6.

Levaggi, Victor J., Jr., Beverly, Mass., assignor, by mesne assignments., to United Last Company, Portland, Maine. Device for use in making templates. 2,368,853; Feb. 6.

Levaggi, Victor J., Jr., Beverly, Mass., assignor to United Last Company, Portland, Maine. Two-part last. 2,386,808; Oct. 16.

Le Van, James O., assignor to Hamilton Watch Company, Lancaster, Pa. Jewel hole opening apparatus. 2,385,287; Sept. 18.

Levenson, Bennett H.: *See*—
Balzarini, Martin L., assignor.

Levenson, Bennett H., et al.: *See*—
McGillicuddy, Addeline J., assignor.

Le Veque, Gustave E., Detroit, Mich. Lifting jack. 2,383,204; Aug. 21.

Lever Bias Machine Corporation: *See*—
Gardner, P., and Kagan, assignors.

Lever Brothers Company: *See*—
Gudheim, Arne, assignor.
Henderson, Lloyd F., assignor.
Pease, Fred F., assignor.
Thomas, R., and Whitham, assignors.

Lever Brothers & Unilever Limited: *See*—
Hackett, Daniel A., assignor.

Leverenz, Ernest G., assignor to American Steel Foundries, Chicago, Ill. Brake beam. 2,368,854; Feb. 6.

Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent screen and method of manufacture. 2,376,437; May 22.

Levers, James F.: *See*—
Taylor, W. I., and Levers.

Le Vesconte, Harold J.: *See*—
Eggert, R. E., and Le Vesconte.

Le Vesconte, Harold J., Glendale, Calif., assignor to Adel Precision Products Corp. Stamped lock nut. 2,385,821; Oct. 2.

Le Vesconte, Harold J., Western Springs, and A. M. Schweda, assignors to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,385,288; Sept. 18.

Le Vesconte, Harold J., Western Springs, and A. M. Schweda, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine drive. 2,390,220; Dec. 4.

Levetus, Francis B., and J. W. Wilson, assignors to The Keelavite Company Limited, Allesley, Coventry, England. Pressure fluid connection between relatively rotary parts. 2,371,528; Mar. 13.

Levey, Fred'k H., Co., Inc.: *See*—
Kroeger, J. W., and O'Connor, assignors.

Levin, Arnold, Brooklyn, N. Y. Shoe. 2,385,289; Sept. 18.

Levin, David E.: *See*—
Gregg, J., and Levin.

Levin, Irvin: *See*—
Weisberg, S. M., and Levin.

Levin, Irvin, Asbury Park, N. J. Adjustable triangle. 2,391,466; Dec. 25.

Levin, Nathan, Trenton, N. J. Knitted article of apparel and fabric therefor. 2,384,934; Sept. 18.

Levin, Nathan, assignor of one-half to R. M. Peitzman, Trenton, N. J. Match holder and matches. 2,372,836; Apr. 3.

Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Loading machine. 2,366,536; Jan. 2.

Levine, Arthur R.: *See*—
Stone, R., and Levine.

Levine, Avrom C., Buffalo, N. Y. Plastic treating apparatus. 2,385,143; Sept. 18.

Levine, Benjamin B., Pittsburgh, Pa. Parasol. 2,390,952; Dec. 11.

Levine, Martin: *See*—
Edwards, M. A., and Levine.

Levine, Martin, Schenectady, assignor to General Electric Company. Regulating mechanism. 2,376,144; May 15.

Levine, Max, assignor to Iowa State College Research Foundation, Ames, Iowa. System for and method of treating sewage or other waste material. 2,366,917; Jan. 9.

Levine, Samuel, New York, N. Y. Extensible bracelet. 2,371,765; Mar. 20.

Levinson, Arthur A., Chicago, P. L. Julian, Maywood, and A. G. Engstrom, Itasca, Ill., assignors to The Glidden Company, Cleveland, Ohio. Protein composition of matter and making. 2,381,407; Aug. 7.

Levinson, Benjamin L., Great Neck, N. Y. Centrifugal casting apparatus. 2,385,631; Sept. 25.

Levinson, Nathan, North Hollywood, Calif., assignor to Radio Corporation of America. Preparing control track records. 2,367,293; Jan. 16.

Levinson, Nathan, North Hollywood, Calif., assignor to Radio Corporation of America. Control track. 2,367,294; Jan. 16.

Levis, Robert H., II: *See*—
Chew, C., and Levis.

Levison, Jacob H., Point Pleasant Beach, N. J. Stretcher. 2,379,365; June 26.

Levitan, Nathan I., Buffalo, and R. Kuoch, Tonawanda, assignors to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Anhydrous hydrogen peroxide and making same. 2,386,484; Oct. 9.

Levitch, Robert G.: *See*—
Quinn, F. B., and Levitch.

Levitt, Percy B.: *See*—
Morgan, J. D., and Levitt.

Levitt, Percy B., Millburn, N. J., assignor to Cities Service Oil Company, New York, N. Y. Helical electric immersion heater. 2,371,696; Mar. 20.

Levkoff, David, Brooklyn, N. Y. Greaseproof folding box. 2,368,553; Jan. 30.

Levkoff, David, Brooklyn, N. Y. Folding box. 2,379,726; July 3.

Levon, Walter P., assignor to F. L. Jacobs Company, Detroit, Mich. Motor operated door closing device. 2,371,336; Mar. 13.

Levy, Barney B., Midleboro, Mass. Tire. 2,391,579; Dec. 25.

Levy, Baruch, New York, N. Y. Diamond polishing device. 2,388,751; Nov. 13.

Levy, Leon D., New York, N. Y. Sanitary phone attachment. 2,374,024; Apr. 17.

Levy, Lionel, Forest Hills, N. Y. Portable, adjustable soap rack and tray. 2,374,023; Apr. 17.

Levy, Norman, Norton Hall, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of nitroparaffins. 2,382,241; Aug. 14.

Levy, René L., Paris, France, assignor to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M., Geneva, Switzerland. Landing gear. 2,368,855; Feb. 6.

Levy, René L., Paris, France, assignor to Societe D'Inventions Aeronautiques Et Mecaniques S. I. A. M., Geneva, Switzerland. High-pressure hydraulic pump. 2,389,374; Nov. 20.

Levy-Savoye, Charles, New York, N. Y., assignor to General Aircraft Equipment, Inc. Indicating device responsive to a condition. 2,381,826; Aug. 7.

Levy, William B., Wilmington, Del. Thermocouple mounting for furnaces. 2,382,888; Aug. 14.

Levyn, Joseph I., Brooklyn, N. Y. Window construction. 2,382,162; Aug. 14.

Lewers, Mary L., administratrix: *See*—
Lewers, T. R., and Cairns.

Lewers, Thomas R., deceased, Kelowna, British Columbia, by M. L. Lewers, administratrix, and G. Cairns, Kelowna, assignors of thirty-three and one-third per cent to G. S. Pettapiece, Vancouver, British Columbia, Canada. Burner unit. 2,367,590; Jan. 16.

Lewin, Gerhard, Geneva, Ill., assignor to American Electro Metal Corporation, Yonkers, N. Y. Electrical heating element. 2,372,212; Mar. 27.

Lewin, Jacob W., Oak Park, Ill. Pipe bender. 2,381,064; Aug. 7.

Lewin, Walter J., Southport, England. Snowplow. 2,373,318; Apr. 10.

Lewis, Alfred G., Linden, N. J. Sample washer. 2,369,582; Feb. 13.

Lewis, Arthur J., Stratford, and L. W. Barnes, Long Hill, assignors to The Baird Machine Company, Stratford, Conn. Washing barrel. 2,391,634; Dec. 25.

Lewis, Arthur L., Medfield, and F. J. Shepard, Jr., West Newton, assignors to Lewis-Shepard Company, Watertown, Mass. Portable platform. 2,371,106; Mar. 6.

Lewis, Clifford L.: *See*—
Scott, W. W., and Lewis.

Lewis, Clyde O., Cleveland, Ohio. Storm window. 2,379,727; July 3.

Lewis, Delbert S. and E. F., Seattle, Wash., assignors to Boeing Aircraft Company. Interconnected bomb rack control. 2,376,157; May 15.

Lewis, Donald E., assignor to The Torrington Company, Torrington, Conn. Unit-type antifriction bearing and making the same. 2,383,727; Aug. 28.

Lewis, Edward G., London, Ohio, assignor to The Jeffrey Manufacturing Company. Loading machine. 2,377,505; June 5.

Lewis, Edward G., London, Ohio, assignor to The Jeffrey Manufacturing Company. Power operated clutch. 2,384,182; Sept. 4.
Lewis, Edward Z., Evanston, Ill., assignor to General Manifold & Printing Co. Duplicating pad or sales book. 2,386,872; Oct. 16.
Lewis, Erving F.: *See*—
Lewis, Delbert S. and E. F.
Lewis, Everett M., Tulsa, Okla. Hypodermic syringe. 2,369,304; Feb. 13.
Lewis, Frank D.: *See*—
Cicchetti, E. G., and Lewis.
Lewis, Frederick G., assignor to Harris Manufacturing Company, Stockton, Calif. Baled hay loader. 2,372,902; Apr. 3.
Lewis, George E.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.
Lewis, George W.: *See*—
Eberhard, H. S., and Lewis.
Lewis, Herbert A., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fuse construction. 2,379,013; June 26.
Lewis, Howard B., Venice, assignor to Salsbury Corporation, Los Angeles, Calif. Industrial truck. 2,370,866; Mar. 6.
Lewis, Howard B., Venice, assignor to B. F. McDonald Company, Los Angeles, Calif. Eye protector. 2,390,599; Dec. 11.
Lewis, Howard B., and G. M. Larson, assignors to Kirkhill, Inc., Los Angeles, Calif. Ball cock. 2,367,951; Jan. 23.
Lewis, Howard W., Newton Lower Falls, Mass. Autographic register machine. 2,374,361; Apr. 24.
Lewis Invisible Stitch Machine Company: *See*—
Mann, Joseph, assignor.
Lewis, Jack W., Tyler, Tex. Orthopedic arch. 2,370,251; Feb. 27.
Lewis, Jacob D.: *See*—
Lindquist, D. L., and Lewis.
Lewis, Jacob D., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Motor control system. 2,391,320; Dec. 18.
Lewis, James H., Greenwood, S. C. Metal rake. 2,386,617; Oct. 9.
Lewis, James O., Houston, assignor of one-half to R. T. Wilson, Corpus Christi, Tex. Method and apparatus for obtaining samples. 2,380,977; Aug. 7.
Lewis, Leroy M., Rosemont, Pa. Valve for fire protective systems. 2,377,947; June 12.
Lewis, Lloyd V.: *See*—
Jerome, A. L., and Lewis.
Lewis, Michael, Detroit, Mich. Permanent bowknot. 2,376,259; May 15.
Lewis, Paul F.: *See*—
Chenoweth, O. E., and Lewis.
Lewis, Reese G.: *See*—
Oswald, E. C., and Lewis.
Lewis, Richard C., Winnetka, Ill. Baby's bath cabinet device. 2,374,110; Apr. 17.
Lewis, Richard C., Winnetka, Ill. Infant's toilet seat. 2,388,856; Nov. 13.
Lewis, Russell K., Elkhart, Ind., assignor to Finnell System, Inc. Handle for floor treating machines. 2,370,907; Mar. 6.
Lewis-Shepard Company: *See*—
Lewis, A. L., and Shepard, assignor.
Lewis Supply Company: *See*—
Womble, Ewing, assignor.
Lewis, Walter W., Birmingham, England. Dividing head. 2,373,578; Apr. 10.
Lewis, Warren J., assignor to The Ohio Brass Company, Mansfield, Ohio. Frog pan. 2,373,577; Apr. 10.
Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Treating hydrocarbon oils with light hydrocarbons. Re. 22,612; Mar. 6.
Lewis, William H., Los Angeles, Calif. Road edger for asphalt finishers and spreaders. 2,386,221; Oct. 9.
Lewis, William L.: *See*—
Watson, A. K., Lewis, and Walsh.
Lewis, William W., Port Washington, N. Y. Cord adjusting apparatus for Venetian blinds. 2,378,145; June 12.
Lewyt Corporation: *See*—
Grill, George M., assignor.
Leyda, Frank A., Berkeley, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Barium calcium magnesium stearate. 2,389,523; Nov. 20.
Leyerle, Arthur R., assignor to Vitreous Steel Products Co., Cleveland, Ohio. Dehydration tray. 2,381,608; Aug. 7.
Leyland Motors Limited: *See*—
Charnock, Andrew J., assignor.
Liakopulos, James, Douglas, Ariz. Star-shaped ash tray chair arm attachment. 2,375,565; May 8.
Libbey-Owens-Ford Glass Company: *See*—
Binkert, C. F., and Jendrisak, assignors.
Boicey, J. H., and Willey, assignor.
Colbert, William H., assignor.
Colbert, W. H., and Morgan, assignors.
Colbert, W. H., and Weinrich, assignors.
Collins, William P., assignor.
Cordier, David E., assignor.
Dodge, Henry M., assignor.
Libbey-Owens-Ford Glass Company: *See*—Continued
Dunipace, Donald W., assignor.
Fowler, I. G., and McMaster, assignors.
Gaumer, Robert T., assignor.
Haven, Charles D., assignor.
Howald, Arthur M., assignor.
Howald, A. M., and Meyer, assignors.
Hubbard, William J., assignor.
Knight, M., and Lowry, assignors.
Knight, M., Wampler, and Arner, assignors.
Louviaux, Leon I., assignor.
McMaster, H. A., and Rodman, assignors.
Meyer, Leonard S., assignor.
Morgan, Willard L., assignor.
Morris, Joseph R., assignor.
Mustered, Ralph A., assignor.
Ogle, J. C., Jr., and Weinrich, assignors.
Paddock, Ormond H., assignor.
Paddock, O. H., and Drake, assignors.
Putnam, Erle T., assignor.
Ryan, Joseph D., assignor.
Ryan, J. D., and Shaw, assignors.
Simons, J. K., and Weaver, assignors.
Walter, Henry A., assignor.
Watkins, George B., assignor.
White, Gerald, assignor.
White, G., and Grimes, assignors.
Liber, Walter F., Meriden, Conn. Steady rest for lathes. 2,390,888; Dec. 11.
Liberty Glass Company, The: *See*—
Playford, Harry E., assignor.
Liberty, Joseph B., Royal Oak, Mich. Air locked window. 2,381,504; Aug. 7.
Librascope, Incorporated: *See*—
Imm, Lewis W., assignor.
Licht, Anna, New York, N. Y. Brassière. 2,380,978; Aug. 7.
Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Pavement finishing machine. 2,374,025; Apr. 17.
Lichtenstein, Arthur: *See*—
Abbott, A. L., Spencer, and Lichtenstein.
Lichtenstein, Hans J.: *See*—
Tuerck, K. H. W., and Lichtenstein.
Lichtwitz, Otto, Seven Kings, England. Dividing head. 2,367,952; Jan. 23.
Lichty, Joy G.: *See*—
Clifford, A. M., and Lichty.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. New compound. 2,371,766; Mar. 20.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Alkoxy nitriles. 2,384,106; Sept. 4.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Plasticized butadiene-acrylonitrile copolymer. 2,385,290; Sept. 18.
Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Chemical compound. 2,386,694; Oct. 9.
Lichty, Joy G., Stow, and N. V. Seeger, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Paint compositions. 2,388,656; Nov. 6.
Licoro Corporation, The: *See*—
Laufenberg, W., Maslanka, and Weissenburger, assignors.
Licwinko, Boleslaw, Conshohocken, Pa. Work holder for lathes. 2,372,787; Apr. 3.
Lidard, Edgar: *See*—
Warth, A. H., and Lidard.
Liebert, Dora, New York, N. Y. Combination garment. 2,385,871; Oct. 2.
Liebegott, George H., Philadelphia, and M. Seel, Lansdowne, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Rack structure for freight vehicles. 2,370,551; Feb. 27.
Liebel-Flarsheim Company, The: *See*—
Holston, Samuel C., assignor.
Lawrence, Harold J., assignor.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricating composition, a wax depressor therefor, and its method of preparation. 2,366,735; Jan. 9.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation products and preparing and using the same. 2,377,433; June 5.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation products and preparing and using same. 2,384,107; Sept. 4.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation products and preparing and using the same. 2,384,935; Sept. 18.
Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensed halogenated tall oil products and making the same. 2,389,203; Nov. 20.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricant. 2,382,730; Aug. 14.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricants. 2,369,149; Feb. 13.
Lieber, Eugene, West New Brighton, Staten Island, N. Y., and H. T. Rice, Roselle, N. J., assignors to Standard Oil Development Company. Preparing polymerization products. 2,379,728; July 3.

Lieber, Eugene, West New Brighton, Staten Island, and M. E. Thorner, Brooklyn, N. Y., assignors to Standard Oil Development Company. Condensation products and preparing and using same. 2,381,457; Aug. 7.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and C. E. Hodges, Elizabeth, N. J., assignors, by mesne assignments, to Standard Catalytic Company. Lubricants and preparation thereof. 2,383,605; Aug. 28.

Lieber, Eugene, Staten Island, and M. E. Thorner, Brooklyn, N. Y., assignors to Standard Oil Development Company. Condensation products and preparing and using the same. 2,383,606; Aug. 28.

Lieber, Eugene, West New Brighton, Staten Island, N. Y., and R. M. Dean, Westfield, N. J., assignors to Standard Oil Development Company. Lubricant and preparation. 2,383,869; Aug. 28.

Lieber, Herman F.: *See*—
Bradbury, W. T., Chesser, and Lieber.

Lieberherr, Hans, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Piston for two-stroke internal-combustion engine. 2,381,065; Aug. 7.

Lieberman, Edgar M., Kansas City, Mo. Thermal pump. 2,389,067; Nov. 13.

Lieberman, Joseph: *See*—
Strome, M. P., and Lieberman.

Liebert, Margaret K.: *See*—
Field, Patrick H., assignor.

Liebknecht, Otto, Neubabelsberg, near Berlin, Germany, assignor to The Permutit Company, New York, N. Y. Exchanging cations from aqueous solutions. 2,378,307; June 12.

Liebmann, Alfred J., Cincinnati, Ohio, and G. de Becze, Lawrenceburg, Ind., assignors to Schenley Distillers Corporation, New York, N. Y. Producing 2:3 butanediol. 2,389,263; Nov. 20.

Liebmann, August G., Washington, D. C., assignor of one-half to H. A. Blessing. Cartridge container. 2,371,630; Mar. 20.

Liebmann, August G., assignor of one-half to H. A. Blessing, Washington, D. C. Airport landing signal apparatus. 2,390,109; Dec. 4.

Liebowitz, Benjamin: *See*—
Jacob, Ezeliel J., assignor.

Liebowitz, Benjamin, Lewisboro, N. Y. Method and apparatus for grinding lenses. 2,371,303; Mar. 13.

Liebrecht, Walter: *See*—
Bettmann, Ernest H., assignor.

Lieff, Morris: *See*—
Elmendorf, A., and Lieff.

Lien, George O., Sacramento, Calif. Exhibiting instrument. 2,373,695; Apr. 17.

Liese, Herman H., and H. C. Brinkman, assignors to The Stacey Bros. Gas Construction Company, Cincinnati, Ohio. Sealing means for the piston of a gas-holder. 2,371,966; Mar. 20.

Liesken, Auguste H., Brussels, Belgium; vested in the Alien Property Custodian. Swing front face drawer for vertical filing cabinets. 2,388,922; Nov. 13.

Ligh, David R., Stamford, assignor to Darli Industrial Management, Incorporated, Hartford, Conn. Flexible coupling. 2,378,564; June 19.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,366,918; Jan. 9.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,366,973; Jan. 9.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,367,510; Jan. 16.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,368,856; Feb. 6.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,228; June 12.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,229; June 12.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,414; June 19.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,378,415; June 19.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,385,009; Sept. 18.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,388,229; Oct. 30.

Light, David M., Chicago, Ill., assignor to American Steel Foundries. Snubber. 2,388,230; Oct. 30.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Spring group. 2,390,110; Dec. 4.

Light, David M., and F. E. Bachman, assignors to American Steel Foundries, Chicago, Ill. Spring group. 2,370,107; Feb. 20.

Light, Donald W., Longmeadow, Mass., assignor to American Cyanamid Company, New York, N. Y. Finishing of cloth. 2,370,362; Feb. 27.

Light, Donald W., Old Greenwich, and R. L. Morgan, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Emulsification of synthetic waxes. 2,369,472; Feb. 13.

Lightbown, Irving E., Roselle, and W. J. Sparks, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorported. Stabilized polymer compositions. 2,387,518; Oct. 23.

Lighter, Stephen, Milwaukee, Wis. Carton corner construction. 2,367,410; Jan. 16.

Lightner, Max W.: *See*—
Hodge, J. M., and Lightner.

Like, Ralph M., Los Angeles, Calif. Combination sound and picture device. 2,378,416; June 19.

Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Power actuator. 2,386,402; Oct. 9.

Lillard, James G., Baytown, and R. F. Pfennig, Goose Creek, Tex., assignors to Standard Oil Development Company. Recovery of sulphuric acid from acid sludge. 2,387,519; Oct. 23.

Liller, Elmer T.: *See*—
Truba, D. O., and Liller.

Lilley, Samuel C., Hamden, and E. E. Foster, Southport, Conn., assignors to United Elastic Corporation, Easthampton, Mass. Elastic fabric and producing the same. 2,384,936; Sept. 18.

Lillis, Stephen M.: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell.

Lillis, Stephen M., assignor to Victor Manufacturing & Gasket Co., Chicago, Ill. Oil seal construction. 2,367,411; Jan. 16.

Lilliston Implement Company: *See*—
Robinson, Samuel S., assignor.

Lillquist, Arvid E., Milwaukee, and O. Proudfoot, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Lifting magnet. 2,366,919; Jan. 9.

Lillquist, Arvid E., Milwaukee, and O. P. Proudfoot, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for lifting magnets. 2,390,377; Dec. 4.

Lillquist, Torsten O.: *See*—
Dilworth, R. M., and Lillquist.

Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Diesel electric drive and control system. 2,371,832; Mar. 20.

Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric traction and control system. 2,371,833; Mar. 20.

Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric drive and control system. 2,381,827; Aug. 7.

Lilly, Eli, and Company: *See*—
Elderfield, R. C., and Blout, assignors.
Elderfield, R. C., and Uhle, assignors.
Shonle, H. A., and Rohrmann, assignors.

Lilly, Russell M., Kermit, assignor to The Guiberson Corporation, Dallas, Tex. Pipe union. 2,366,798; Jan. 9.

Limbach, Alex, Carmel, N. Y. Closure for containers. 2,390,889; Dec. 11.

Limberis, Mike, et al.: *See*—
Richardson, Thomas B., assignor.

Limoges China Company, et al.: *See*—
Turner, James, assignor.

Lincks, George F.: *See*—
Suits, C. G., and Lincks.

Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Electric cutout. 2,379,729; July 3.

Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Reclosing circuit-interrupting device. 2,380,769; July 31.

Lincoln, Bert H., G. D. Byrkit, and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Synthetic lubricant. 2,367,133; Jan. 9.

Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,368,670; Feb. 6.

Lincoln, Bert H., and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 2,369,150; Feb. 13.

Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors to Continental Oil Company. Lubricant. 2,371,631; Mar. 20.

Lincoln, Bert H., Ponca City, Okla., and G. D. Byrkit, Niagara Falls, N. Y., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,380,454; July 31.

Lincoln, Bert H., Ponca City, Okla., and G. D. Byrkit, Niagara Falls, N. Y., assignors to Continental Oil Company, Ponca City, Okla. Lubricant. 2,386,222; Oct. 9.

Lincoln, Bert H., and C. A. Neilson, assignors to Continental Oil Company, Ponca City, Okla. Inhibiting deterioration of organic compounds. 2,370,552; Feb. 27.

Lincoln Creosoting Company, Incorporated: *See*—
Hayes, J. R., and Foley, assignors.

Lincoln Electric Company, The: *See*—
Landis, G. G., and Hoenie, assignors.

Lincoln Engineering Company: *See*—
Rotter, Lutwin C., assignor.
Rotter, L. C., and Klein, assignors.
Rotter, L. C., Klein, Reisert, and Schneller, assignors.

Lincoln Park Industries, Inc.: *See*—
Eglinton, George F., assignor.

Lincoln, Paul A., Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for rock drills. 2,368,932; Feb. 6.

Lincoln, Paul A., Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Feeding device for rock drills. 2,379,811; July 3.

Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Boston, Mass. Cinder collector. 2,371,583; Mar. 13.

Lincoln, Roland L., Dover, assignor to B. F. Sturtevant Company, Boston, Mass. Combined centrifugal fan and dust collector. 2,373,969; Apr. 17.

Lind, Alvin C., assignor to National Automotive Fibres, Inc., Detroit, Mich. Stapling mechanism. 2,380,116; July 10.

Lind, Alvin C., and A. Carlin, assignors to National Automotive Fibres, Inc., Detroit, Mich. Apparatus for applying trim molding. 2,372,097; Mar. 20.

Lind, Arthur C., and F. G. Stuller, assignors to Chain Belt Company, Milwaukee, Wis. Seal for journal bearings. 2,369,911; Feb. 20.

Lind, Francis T.: *See*—
Amidon, M., Lind, and Lindberg.

Lind, Otto H., Cincinnati, Ohio. Storm sash. 2,381,129; Aug. 7.

Lindabury, Tryon S., University City, Mo., assignor to Curtiss-Wright Corporation. Fair-leader. 2,387,520; Oct. 23.

Lindall, Walter I., Saugus, Mass. Tool for slitting wire or cable covering. 2,368,227; Jan. 30.

Lindauer and Co.: *See*—
Chuck, Faw Y., assignor.

Lindberg, Charles A., and R. W. Skinner, Rockford, Ill.; C. E. Lindberg, executor of said C. A. Lindberg, deceased. Drawer guide. 2,373,696; Apr. 17.

Lindberg, C. Edward, executor: *See*—
Lindberg, C. A., and Skinner.

Lindberg, Oscar P.: *See*—
Amidon, M., Lind, and Lindberg.

Lindblad, Axel R.: *See*—
Fåhraeus, G. E., Lindblad, and Wallden.

Linde Air Products Company, The: *See*—
Baird, Albert W., assignor.
Day, R. O., and Gordon, assignors.
Hansen, Odd A., assignor.
Hansen, O. A., and Riede, assignors.
Hoffman, James A., assignor.
Kennedy, H. E., and Rotermund, assignors.
Scherl, Egon B., assignor.
Skinner, George M., assignor.
Timmerman, P. E., and Johanson, assignors.

Linde, Leonard J., et al.: *See*—
Strang, H. E., Reed, and Linde.

Lindeen, Edward C., New York, N. Y., assignor to Baltimore Paper Company, Kansas City, Mo. Wave-set envelope. 2,369,060; Feb. 6.

Lindelow, Herbert C., Larchmont, assignor to Lacomastic Corporation, New York, N. Y. Supporting element. 2,370,052; Feb. 20.

Lindeman, Charles A., Jr., Maywood, Ill. Internal-combustion engine. 2,368,933; Feb. 6.

Lindemann, Charles A., Bridgeport, Conn., assignor to General Electric Company. Washing machine. 2,391,718; Dec. 25.

Lindemuth, Lewis B., Port Washington, N. Y., assignor by mesne assignments, to Steel Ingot Production, Inc. Casting ingots. 2,373,036; Apr. 3.

Linden, Carl E., Cincinnati, and R. H. McClellan, Hamilton, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio. Clamping mechanism for machine tools. 2,375,169; May 1.

Linden, Carl E., Cincinnati, and R. H. McClellan, Hamilton, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio. Clamping mechanism for machine tools. 2,380,055; July 10.

Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Directive antenna system. 2,370,053; Feb. 20.

Lindenblad, Nils E., Rocky Point, and J. L. Finch, East Rockaway, assignors to Radio Corporation of America. Investigating ether propagation paths. 2,366,632; Jan. 2.

Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Ultra high frequency electronic device. 2,373,837; Apr. 17.

Linder, Rudolph, Stuttgart-Degerloch, Germany; vested in the Alien Property Custodian. Electric circuit for motor vehicles. 2,372,438; Mar. 27.

Lindgren, Hans O., Appelviken, and H. Thylefors, Stockholm, Sweden, assignors to The De Lavel Separator Company, New York, N. Y. Centrifugal separating bowl. 2,378,778; June 19.

Lindgren, Henry W., Pistakee Bay, and F. H. Nemitz, Waukegan, Ill., asignors to American Can Company, New York, N. Y. Sheet stacking machine. 2,375,241; May 8.

Lindh, Gunnar, assignor to The Udylite Corporation, Detroit, Mich. Protective coatings for articles. 2,366,414; Jan. 2.

Lindh, Gunnar, assignor to The Udylite Corporation, Detroit, Mich. Protective coating for articles. 2,367,880; Jan. 23.

Lindh, Gunnar, and W. M. Phillips, Jr., assignor to The Udylite Corporation, Detroit, Mich. Joining thermoplastic materials. 2,367,725; Jan. 23.

Lindhardt, Erik J.: *See*—
Joyce, F. E., and Lindhardt.

Lindholm, Arthur W., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Automatic weighing machine. 2,373,838; Apr. 17.

Lindholm, Arthur W., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,381,565; Aug. 7.

Lindley Box & Paper Company: *See*—
Powell, Francis V., assignor.

Lindow, Carl W., and J. J. Thompson, assignors to Kellogg Company, Battle Creek, Mich. Food composition. 2,382,242; Aug. 14.

Lindquist, David L., Hartsdale, and J. D. Lewis, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Motor control system. 2,373,579; Apr. 10.

Lindquist, Louis T.: *See*—
Fairley, F. E., Lindquist, Michaels, and Rodgers.

Lindros, Hjalmer C., assignor to Art Metal Construction Company, Jamestown, N. Y. File cabinet. 2,372,504; Mar. 27.

Lindsay, Alexander R.: *See*—
Deisley, E. J., Ulrich, and Lindsay.

Lindsay, Charles H.: *See*—
White, C. B., and Lindsay.

Lindsay, Charles H., Elmira, assignor to American-La France-Foamite Corporation, Elmira, N. Y. Carbon dioxide discharge system. 2,373,037; Apr. 3.

Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Making reinforced gas flasks. 2,373,038; Apr. 3.

Lindsay, Harvey B., Evanston, assignor to Lindsay & Lindsay, Chicago, Ill. Prefabricated structure for containers and the like. Re. 22,693; Nov. 20.

Lindsay, Harvey B., Evanston, assignor to Lindsay & Lindsay, Chicago, Ill. Prefabricated structure for containers and the like. 2,377,702; June 5.

Lindsay, James R., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Electric control system. 2,366,415; Jan. 2.

Lindsay, James R., Bexley, Ohio, assignor to The Traylor Vibrator Company. Motor control. 2,376,791; May 22.

Lindsay & Lindsay: *See*—
Lindsay, Harvey B., assignor.

Lindsay, Maxwell H. A., Summit, N. J., and K. Woloschak, Port Chester, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Alarm system. 2,390,221; Dec. 4.

Lindsay Wire Weaving Company: *See*—
Hanemann, Herman G., assignor.

Lindsey, Ernest E., assignor to A. T. Case Company, Los Angeles, Calif. Making emulsified food products. 2,369,744; Feb. 20.

Lindsey, Henry A. D., Hickam Field, Hawaii. Antisubmarine device. 2,379,447; July 3.

Lindsey, John W.: *See*—
Leo, H. T., Taylor, and Lindsey.

Lindsey, Joseph T., Rochester, N. Y. Saw sharpening machine. 2,371,572; Mar. 13.

Lindsley, Forester: *See*—
Coxon, J. E., Lindsley, and Shelley.

Lindsley, Lawrence B., Los Gatos, Calif. Pneumatic clutch control. 2,388,857; Nov. 13.

Lindstaedt, Frank F., San Anselmo, Calif. Hosiery run inhibiting preparation. 2,384,382; Sept. 4.

Lindstein, Vigo W., assignor to Svenska Kassaregisteraktiebolaget, Stockholm, Sweden. Calculating machine. 2,374,760; May 1.

Lindstrom, Ture, Edgewood, and J. W. May, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,370,054; Feb. 20.

Lindy, Mordie L., Irvington, N. J. Frame construction for receptacles. 2,389,916; Nov. 27.

Line Material Company: *See*—
Brown, Chester W., assignor.
Earl, R. H., and Amundson, assignors.
Earle, Ralph H., assignor.
Link, Edwin A., assignor.
Luebke, Arthur H., assignor.
Mayberry, Walter R., assignor.
Nelson, Rolland D., assignor.
Runke, Glenn R., assignor.
Schultz, William O., assignor.
Steinmayer, Alwin G., assignor.

Linell, Charles S., Oak Park, assignor to F. Raffles, Chicago, Ill. Telephone unit. 2,371,453; Mar. 13.

Lineweaver, Hans, and R. M. McCready, Berkeley, Calif., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors. Accelerating the alkaline de-esterification of pectin. 2,386,323; Oct. 9.

Lingal, Harry J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bushing. 2,372,098; Mar. 20.

Lingel, Frederick J., Bluffton, Ohio, assignor to The Liquidometer Corporation, Long Island City, N. Y. Electrical telemetering system. 2,391,057; Dec. 18.

Lingel, Frederick J., Bluffton, Ohio, assignor to The Liquidometer Corporation, Long Island City, N. Y. Electrical instrument and system. 2,391,058; Dec. 18.

Lingenbrink, Hermann E. F. C., Hilltown, assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Injector. 2,369,151; Feb. 13.

Lingle, Charles, Los Angeles, Calif. Apparatus for drying or heating printed or engraved sheets. 2,376,368; May 22.

Link Aviation Devices, Inc.: *See*—
Kail, Karl A., assignor.

Link-Belt Company: *See*—
Suman, Robert W., assignor.

Link-Belt Speeder Corporation: *See*—
Deal, T. M., and Baker, assignors.
Link, Edwin A., Binghamton, N. Y. Training device. 2,385,291; Sept. 18.
Link, Edwin A., assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,376,793; May 22.
Link, Edwin A., assignor to Line Material Company, South Milwaukee, Wis. Switch construction. 2,388,617; Nov. 6.
Link, Edwin A., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Conductor tap-off clamp. 2,391,428; Dec. 25.
Link, Karl P., assignor to Wisconsin Alumni Research Foundation, Madison, Wis. Salicylic acid compounds for safer therapeutic use. 2,385,365; Sept. 25.
Link, Oscar J., Beaver Dam, Wis., assignor to Kraft Cheese Company. Cream cheese manufacture. 2,387,276; Oct. 23.
Linlor, William I., Schenectady, N. Y., assignor to General Electric Company. Ignition system. 2,377,793; June 5.
Linn, Carl B.: *See*—
Grosse, A. V., and Linn.
Ipatieff, V. N., and Linn.
Linn, Carl B., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,372,505; Mar. 27.
Linn, Carl B., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,373,580; Apr. 10.
Linn, Carl B., and V. N. Ipatieff, Riverside, Ill., assignors to Universal Oil Products Company. Alkylation of isoparaffins. 2,366,736; Jan. 9.
Linn, Carl B., and V. N. Ipatieff, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,381,828; Aug. 7.
Linn, James G., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric current converting system. 2,391,787; Dec. 25.
Linn, Norman F., Roselle Park, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Refining process. 2,377,087; May 29.
Linn, Norman F., Roselle Park, N. J., assignor to Standard Oil Development Company. Handling pulverulent material. 2,379,448; July 3.
Linn, Norman F., Mountainside, and C. O. Tongberg, Westfield, N. J., assignors to Standard Oil Development Company. Producing aromatic hydrocarbons. 2,380,853; July 31.
Linn, William J., Pittsburgh, Pa. Fuel vaporizer. 2,377,088; May 29.
Linotone Corporation: *See*—
Huggins, Owen R., assignor.
Linotype Parts Company: *See*—
Swenson, F., and Erikson, assignors.
Linscott, Leroy N., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Apparatus for making pile products. 2,385,925; Oct. 2.
Linscott, Leroy N., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Apparatus for feeding and cutting material into definite lengths. 2,385,926; Oct. 2.
Linsenmeyer, John Z., and L. C. Poole, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,390,799; Dec. 11.
Linsley, Douglas F., Greenwich, Conn. Shock absorber. 2,378,417; June 19.
Linyard, William W., Compton, Calif. Toolholder for radius cutting. 2,377,561; June 5.
Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Producing tungsten containing ferrous alloys. 2,381,674; Aug. 7.
Linz, Arthur, assignor to Climax Molybdenum Company, New York, N. Y. Briquettes for alloying. 2,381,675; Aug. 7.
Linzell, Harry K., Long Lake, assignor to United States Gypsum Company, Chicago, Ill. Making compressed fiber products. 2,388,487; Nov. 6.
Lion Oil Refining Company: *See*—
Odell, W. W., and Harbert, assignors.
Lionel Corporation, The: *See*—
Ayres, Waldemar A., assignor.
Ferri, Henry J., assignor.
Lipani, Joseph, Brooklyn, N. Y. Duplex reversible toolholder. 2,385,010; Sept. 18.
Lipari, Evelyn Z., New York, N. Y. Device for interchanging bows or ornaments on shoes. 2,391,429; Dec. 29.
Lipe-Rollway Corporation: *See*—
Spase, Charles B., assignor.
Lipke, Paul H., Jr.: *See*—
Bass, S. L., Rauner, and Lipke.
Lipp, Elmer L., Glendale, assignor to H. H. Helbush, Los Angeles, Calif. Skin clamp-applying tool. 2,373,193; Apr. 10.
Lippart, John, Prospect Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding apparatus. 2,379,531; July 3.
Lippert, Hans J., Zurich, Switzerland. Automatic firearm. 2,370,363; Feb. 27.
Lippert, Hanns, Zurich, Switzerland. Sear control mechanism for automatic firearms. 2,381,916; Aug. 14.
Lippert, Hanns, and E. Hepperle, Zurich, Switzerland. Automatic firearm. 2,380,455; July 31.
Lippert, Walter C.: *See*—
Gaines, E. F., and Lippert.
Lippincott, Donald K.: *See*—
Goble, R. W., Phillips, and Lippincott.
Lippincott, Joshua G.: *See*—
Negbaur H., and Lippincott.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Elbow head flashlight. 2,366,202; Jan. 2.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Dohner & Lippincott, Stamford, Conn. Paper perforator. 2,370,319; Feb. 27.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,371,632; Mar. 20.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,371,633; Mar. 20.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Bag molding apparatus. 2,377,892; June 12.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,389,791; Nov. 27.
Lippincott, Wells A., Evanston, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Accumulator. 2,389,792; Nov. 27.
Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Wilmington, Del. Condensate deflector for bottle fillers. 2,389,672; Nov. 27.
Lippow, David, Milwaukee, Wis. Cycle lock. 2,366,863; Jan. 9.
Lipps, Walter M., Birmingham, Mich., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Rotor disk for brakes. 2,375,566; May 8.
Lipschutz, George, Philadelphia, Pa. Luggage handle clip. 2,368,934; Feb. 6.
Lipsius, Harry M.: *See*—
Bowles, A. F., and Lipsius.
Lipton, Sarah: *See*—
Brill, R. L., and Lipton.
Lipton, Sarah, deceased, New York, N. Y.; J. L. Orban, administratrix. Hat adjusting means. 2,383,396; Aug. 21.
Lipton, Sarah, New York, N. Y., deceased, Jane L. Orban, administratrix. Anchoring means for flexible members. 2,391,788; Dec. 25.
Liquid Carbonic Corporation, The: *See*—
Becker, Ernest R., assignor.
Kantor, James, assignor.
Matthei, Robert, assignor.
Liquidometer Corporation, The: *See*—
De Giers, Clarence A., assignor.
De Giers, C. A., and Wickesser, assignors.
Denisoff, Alexander C., assignor.
Lingel, Frederick J., assignor.
Lisenbee, George W.: *See*—
Bishop, William C., assignor.
Lisi, Giuseppe, Spoleto, Italy; vested in the Alien Property Custodian. Parachute with variable surface. 2,371,898; Mar. 20.
Lisle, Dallas V., Mount Lebanon, Pa. Display card. 2,386,618; Oct. 9.
Lissiansky, Alexander, New York, assignor to International Mutoscope Corporation, Long Island City, N. Y. Suction head. 2,386,166; Oct. 2.
Lister, Charles H., Oldsmar, Fla. Fresh fruit treating machine. 2,378,418; June 19.
Lister and Company, Limited: *See*—
Garner, Walter, assignor.
Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Resin distillation. 2,374,220; Apr. 24.
Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Pitch. 2,374,491; Apr. 24.
Lister, Donald A., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Reacting terpenes. 2,376,369; May 22.
Lister-Torsen, Aksel, Brooklyn, N. Y. Window blind. 2,386,695; Oct. 9.
Lithgow, John, Oak Park, Ill., and L. K. Jackson, Cleveland, Ohio, assignors to Sears, Roebuck and Co., Chicago, Ill. Absorption refrigerator. 2,380,979; Aug. 7.
Litho Equipment & Supply Co.: *See*—
Rausch, Joseph J., assignor.
Lithograph Press Manufacturing Company, The: *See*—
Stempel, Laszlo M., assignor.
Lithographic Technical Foundation, Inc., The: *See*—
King, Charles F., assignor.
Lithomat Corporation: *See*—
Mullen, William G., assignor.
Litman, Morris, Springfield, Mass. Dust collecting apparatus. 2,384,688; Sept. 11.
Littell, F. J., Machine Company: *See*—
Littell, Frederick M., assignor.
Skriba, R. A., Miller, and Littell, assignors.
Littell, Frederick M.: *See*—
Skriba, R. A., Miller, and Littell.
Littell, Frederick M., Detroit, Mich., assignor to F. J. Littell Machine Company, Chicago, Ill. Coil supporting reel. 2,391,321; Dec. 18.
Littell, Nelson: *See*—
Jeffreys, George A., assignor.

Little, Arthur D., Inc.: *See*—
Hall, Walter T., assignor.
Harford, Charles G., assignor.
Latham, Allen, Jr., assignor.
Little, John W., Scarsdale, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Package. 2,383,728; Aug. 28.
Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated rubber emulsion. 2,371,899; Mar. 20.
Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Resin dispersions and producing. 2,378,230; June 12.
Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,379,812; July 3.
Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Cellulosic lacquer. 2,379,974; July 10.
Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Adhesive. 2,382,731; Aug. 14.
Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Transparentizing paper. 2,383,660; Aug. 28.
Little, Lawrence E., Epsom, England. Folding perambulator. 2,381,066; Aug. 7.
Little, Ralph V., Jr., Swarthmore, Pa., assignor to Radio Corporation of America. Voltage regulator circuit. 2,376,438; May 22.
Little, Robert A., Donora, and J. A. Rice, Belle Vernon, Pa., assignors to The American Steel and Wire Company of New Jersey. Duplex head nail machine 2,381,171; Aug. 7.
Little, Robert J.: *See*—
Willing, J. E., and Little.
Little, Royal, Providence, and L. Jehu, Cranston, assignors to Textron, Incorporated, Providence, R. I. Winding textile packages. 2,388,557; Nov. 6.
Littlefield, Edgar E., West Hollywood, Los Angeles, Calif. Electrical apparatus. 2,373,697; Apr. 17.
Littlefuse, Inc.: *See*—
Sundt, E. V., and Purcell, assignors.
Littler, Clarence A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,387,336; Oct. 23.
Littleton, Jesse T.: *See*—
Guyer, E. M., Littleton, and Shaw.
Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Ultra-high-frequency tube. 2,372,213; Mar. 27.
Litton, Charles V., Redwood City, assignor of one-fourth to J. L. Markel and one-fourth to A. M. Poniatoff, San Francisco, Calif. Vacuum distillation apparatus. 2,374,870; May 1.
Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Making seal members. 2,379,584; July 3.
Livak, John E., assignor to The Dow Chemical Company, Midland, Mich. Di-halophenyl-dialkyl ethers. 2,366,203; Jan. 2.
Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Rectangular pot burner. 2,369,833; Feb. 20.
Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Heat exchanger. 2,373,900; Apr. 17.
Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Heating appliance. 2,389,264; Nov. 20.
Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Highland Park, Mich. Recirculation insulated space heater. 2,389,265; Nov. 20.
Livermont, Frank W., Glendale, assignor, by direct and mesne assignments, to Tubing Seal-Cap, Inc., Los Angeles, Calif. Closure cap. 2,371,900; Mar. 20.
Livermont, Frank W., assignor of twenty per cent to W. L. Hume, thirty per cent to R. A. Livingston, fifteen per cent to R. L. Ames, and five per cent to M. F. Vaughan, Los Angeles, Calif. Torque wrench. 2,371,901; Mar. 20.
Livermore, William T., Grosse Pointe, Mich. Transmission. 2,376,545; May 22.
Livers, Carlos B., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Tube coupling. 2,381,829; Aug. 7.
Livingood, Jesse F., West Finley, Pa. Boiler. 2,378,308; June 12.
Livingston, John W.: *See*—
Bone, H. L., and Livingston.
Livingston, John W., Lynbrook, N. Y., assignor to The Union Switch and Signal Company, Swissvale, Pa. Speed responsive device. 2,385,213; Sept. 18.
Livingston, John W., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of styrene. 2,389,793; Nov. 27.
Livingston, Louis E.: *See*—
Montgomery, J. A., and Livingston.
Livingston, Orrin W.: *See*—
Cooper, B., and Livingston.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,366,537; Jan. 2.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,370,178; Feb. 27.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve control system. 2,371,056; Mar. 6.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve control system. 2,372,964; Apr. 3.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,373,544; Apr. 10.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve system. 2,382,243; Aug. 14.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve translating apparatus. 2,384,937; Sept. 18.
Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,385,214; Sept. 18.
Livingston, Richard A., et al.: *See*—
Livermont, Frank W., assignor.
Livingstone, Harry, Longsight, Manchester, 12, assignor to Manchester Repetition Engineers Limited, Manchester, England. Roller box or steady for lathes and like machines. 2,390,312; Dec. 4.
Liwschitz-Garik, Michael: *See*—
Greene, N. J., and Liwschitz-Garik.
Ljunggren, Thor H., Charlestown, N. H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Machine feed mechanism. 2,368,992; Feb. 6.
Ljunggren, Thor H., Charlestown, N. H., and W. F. Moore, assignors to Bryant Chucking Grinder Company, Springfield, Vt. High speed induction motor rotor. 2,372,590; Mar. 27.
Llewellyn, Frederick B., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,367,295; Jan. 16.
Llewellyn, Frederick B., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,368,031; Jan. 23.
Llewellyn, Walter E., Nutley, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for cutting filaments. 2,391,719; Dec. 25.
Llorens, Jose A., Santurce, P. R. Oilstoning device for plane irons and chisel blades. 2,370,908; Mar. 6.
Llorens, Louis M., assignor, by mesne assignments, to Swift Business Machines Corporation, Great Barrington, Mass. Computing and listing machine. 2,368,311; Jan. 30.
Lloyd, A. H., Coventry, England, assignor to Alfred Herbert Limited, Edgwick, Coventry, England. Change-speed gearing for machine tools. 2,366,974; Jan. 9.
Lloyd, Charles W., assignor to Ginger Cola Dispenser Inc., Brooklyn, N. Y. Beverage dispensing device. 2,379,532; July 3.
Lloyd, Joseph, Salford, assignor to J. Mandleberg & Company Limited, Pendleton, England. Fuel tank or container. 2,367,953; Jan. 23.
Lloyd, Joseph, Pendleton, Salford 6, assignor to J. Mandleberg & Company Limited, Pendleton, Lancaster, England. Machine for coating textile fabrics. 2,377,637; June 5.
Lloyd, Joseph, Pendleton, Salford, 6, assignor to J. Mandleberg & Company Limited, Pendleton, England. Adhesive compositions. 2,386,696; Oct. 9.
Lloyd, Milby W., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Aircraft pyrotechnic. 2,381,130; Aug. 7.
Lloyd, Nicholas P., Wynnewood, Pa. Automatic lathe. 2,374,112; Apr. 17.
Lloyd, Thorne E., Bear Pond, N. J., assignor to Dwight & Lloyd Sintering Company, Inc., New York, N. Y. Heat-treating process and apparatus. 2,380,056; July 10.
Loane, Clarence M.: *See*—
Mixon, L. W., and Loane.
Loane, Clarence M., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Solvent composition. 2,381,506; Aug. 7.
Lobasso, Vincent, assignor to G. J. Rosenfeld, New York, N. Y. Fruit juice extractor. 2,369,305; Feb. 13.
Lobdell, Arthur M., Plympton, assignor, by mesne assignments, to Shaer and Turner Engineering Company, Inc., Boston, Mass. Cranberry picking machine. 2,376,260; May 15.
Lobdell, Prentiss, Elizabeth, N. J., assignor to Standard Oil Development Company. Controlling fluid flow. 2,379,240; June 26.
Lobel, Mervyn J., New York, N. Y. Medicinal preparation. 2,381,830; Aug. 7.
Lobelle, Marcel J. O., assignor to R. Malcolm Limited, Slough, England. Aircraft. 2,375,423; May 8.
Lobelle, Marcel J. O., assignor to Messrs. R. Malcolm Limited, Slough, England. Apparatus for supplying pressure air to aircraft, vehicles, and boats. 2,377,794; June 5.
Lobosco, Roscoe R., Elizabeth, N. J., assignor to Union Carbide and Carbon Corporation. Magnetic templet-following machine. 2,378,021; June 12.
Lochrane, Harold M.: *See*—
Frauenthal, H., and Lochrane.

Lock Joint Pipe Company: *See*—
Brend, William R., assignor.
Hirsh, Philip R., assignor.
Lock, Ritchie H., Chigwell, England. Manufacture of lactic acid and salts thereof. 2,382,889; Aug. 14.
Locke, Charles G., St. Marys, W. Va. Roof constructing tool. 2,373,403; Apr. 10.
Locke Insulator Corporation: *See*—
Skipper, Edward M., assignor.
Locke, Ronald S.: *See*—
Rooney, J. H., Locke, and Hawtin.
Locke, Sanford J., and W. J. Francey, Syracuse, assignors to United States Hoffman Machinery Corporation, New York, N. Y. Garment finishing apparatus. 2,378,565; June 19.
Locke Stove Company: *See*—
Esson, Edwin, assignor.
Lockhart, Marshall L., Detroit, Mich. Hypodermic injector. 2,380,534; July 31.
Lockheed Aircraft Corporation: *See*—
Alter, Horace J., assignor.
Burt, Robert C., assignor.
Carroll, George A., assignor.
Clark, N. C., and Carlson, assignors.
Cooke, John P., assignor.
Corte, Alfred, assignor.
Elmer, T., and Sowle, assignors.
Harasta, Clarence J., assignor.
Hathaway, Chester A., assignor.
Hunter, Frank B., assignor.
Kennedy, R., Hough, and Bodner, assignors.
Larsen, Victor A., assignor.
McConnell, A. M., and Braham, assignors.
Pearsall, E. S., Jr., and Richolt, assignors.
Price, Nathan C., assignor.
Rempt, Henry F., assignor.
Schubert, A. J., and Adelhanof, assignors.
Shonts, J. G., and Pray, assignors.
Stanley, Kenneth, assignor.
Sullivan, George C., assignor.
Tiffany, Frank E., assignor.
Lockridge, William R., administrator: *See*—
Loughridge, Matthew H.
Lockwood, Edwin H., and L. E. Lown, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating apparatus. 2,375,242; May 8.
Lockwood, Maysie, Dansville, N. Y. Roasting rack. 2,377,948; June 12.
Lockwood, Thorval J., Gering, Nebr. Potato grader chain. 2,387,918; Oct. 30.
Locomotive Economizer Corporation: *See*—
Thompson, Le Roy, assignor.
Loder, Donald J., and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. 1,3-dioxolane modified organic products. 2,366,737; Jan. 9.
Loder, Donald J., and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic acids modified by formaldehyde and glycol. 2,366,738; Jan. 9.
Loder, Donald J. and W. M. Bruner, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of nitriles. 2,369,061; Feb. 6.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic esters. 2,373,483; Apr. 10.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Conversion of methyl formate to formic acid. 2,373,583; Apr. 10.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of adiponitrile. 2,377,795; June 5.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,388,164; Oct. 30.
Lodge, Alvin: *See*—
Bruenner, A., and Lodge.
Cole, Paul M., and Lodge.
Lodge, Alvin, Detroit, Mich., assignor to American Viscose Corporation, Wilmington, Del. Spinning ring. 2,367,361; Jan. 16.
Lodwick, Albert I.: *See*—
Abel, C. F., and Lodwick.
Lodwig, Erwin, Franklin Square, assignor to Mobile Refrigeration, Inc., New York, N. Y. Chamber door construction. 2,368,935; Feb. 6.
Loeb, Felix F., Chicago, and J. E. Bales, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Display rack. 2,378,419; June 19.
Loeb, Felix F., Chicago, and J. E. Bales, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Cabinet with drawers. 2,382,429; Aug. 14.
Loeb, Felix F., Chicago, and J. E. Bales, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. 2,384,842; Sept. 18.
Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Sway brace. 2,372,214; Mar. 27.
Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Spring support. 2,373,125; Apr. 10.
Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Control apparatus. 2,387,668; Oct. 23.
Loepsinger, Albert J., assignor to Grinnell Corporation, Providence, R. I. Supporting means. 2,391,467; Dec. 25.
Loeser, Oscar, Jr.: *See*—
Rosendahl, C. E., and Loeser.
Loewe, Peter L., and E. L. Boyce, assignors to H. Goldberg, Chicago, Ill. Lawn mower. 2,378,488; June 19.
Loewe, Peter L., and E. L. Boyce, assignors to H. Goldberg, Chicago, Ill. Lawn mower. 2,388,165; Oct. 30.
Loewensohn, Samuel, Brooklyn, N. Y. Hair net. 2,372,330; Mar. 27.
Loewenstein, Jacob, New York, N. Y. Building caisson gates and similar structures. 2,373,484; Apr. 10.
Loewenstein, Jacob, New York, N. Y. Ship construction. 2,378,566; June 19.
Loewenstein, Jacob, New York, N. Y. Building construction. 2,380,600; July 31.
Loewenstern, Walter, assignor to Houston Oxygen Company, Houston, Tex. Chlorinating apparatus. 2,389,524; Nov. 20.
Loewer, Henry F., Rochester, N. Y., assignor to United Last Company, Portland, Maine. Shoe tree. 2,376,926; May 29.
Loewer, Henry F., Rochester, and L. W. Brown, Bellerose, N. Y., assignors to United Last Company, Portland, Maine. Full-form shoe tree. 2,375,931; May 15.
Loew's Incorporated: *See*—
Gillespie, A. A., Hauser, and Wise, assignors.
Loewy Engineering Company Limited, The: *See*—
Henschker, Erhard R., assignor.
Loewy, Ludwig, assignor.
Lorant, Hugo, assignor.
Loewy, Ludwig, Bournemouth, assignor to The Loewy Engineering Company Limited, London, England. Metal extrusion press and operating same. 2,388,558; Nov. 6.
Lofdahl, Herman L., Klamath Falls, Oreg. Block molding machine. 2,389,673; Nov. 27.
Lofgren, Gustaf E., Riverside, assignor to Electrolux Corporation, Old Greenwich, Conn. Vacuum cleaner. 2,371,767; Mar. 20.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, New York, N. Y. Garment bag. 2,372,439; Mar. 27.
Lofqwist, Olof J., London, England. Device for insertion into keyholes for obstructing same to prevent unauthorized entry. 2,383,397; Aug. 21.
Loftus, Alice M., et al.: *See*—
Salverda, Henry P., assignor.
Loftus Engineering Corporation: *See*—
Loftus, F. H., and (Troglione, assignors).
Wolf, John E., assignor.
Loftus, Fred H., Mount Lebanon, Pa. Furnace unloader. 2,382,491; Aug. 14.
Loftus, Fred H., Mount Lebanon, and V. R. Troglione, Wilkinsburg, said Troglione assignor to Loftus Engineering Corporation, Inc., Pittsburgh, Pa. Car-bottom furnace. 2,391,173; Dec. 18.
Logan, Clarence E., M. C. Dowling, and P. E. Hartung, assignors to The Dow Chemical Company, Midland, Mich. Metal pouring device. 2,372,628; Mar. 27.
Logan Engineering Co.: *See*—
Koht, Thorvald A. P. Thronsen, assignor.
Logan, Henry H., assignor.
Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Electric switch. 2,378,022; June 12.
Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Device for overcoming effects of shocks. 2,385,292; Sept. 18.
Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Device for overcoming effects of shocks. 2,385,293; Sept. 18.
Logan, George H., Los Angeles, and J. K. Hiss, Santa Monica, Calif. Collapsible crib. 2,378,231; June 12.
Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Bar feed for lathes. 2,376,606; May 22.
Logan, Mason A.: *See*—
Barry, J. F., and Logan.
Logan, Waldo H., Chicago, Ill. Article for neckwear. 2,377,019; May 29.
Logan, Waldo R., Sudbury, assignor to Waltham Watch Company, Waltham, Mass. Swaging tool. 2,371,697; Mar. 20.
Logemann, Clarence L., Milwaukee, Wis. Shoe machinery. Re. 22,676; Sept. 25.
Logemann, Willy: *See*—
Butenandt, A., and Logemann.
Logemann, Willy, Berlin-Charlottenburg, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of compounds of the cyclopentano-polyhydrophenanthrene series. 2,372,440; Mar. 27.
Logsdon, Harry, Newton, Iowa. Mailbox. 2,382,645; Aug. 14.
Logue, Eugene W., assignor to J. E. Logue, Caldwell, Kans. Forced draft heater. 2,382,800; Aug. 14.
Logue, Julia E.: *See*—
Logue, Eugene W., assignor.
Logue, Leland H., assignor to Mining Process and Patent Company, Denver, Colo. Aerating apparatus. 2,390,111; Dec. 4.

Lohner, Carl L., Chicago, and D. E. Rueckert, Mokena, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of animal carcasses. 2,371,967; Mar. 20.
Lohr, Freeman D., East Orange, and G. V. McGurl, Newark, N. J., assignors, by mesne assignments, to Koppers Company, Inc. Regulating the bulk density of coke oven charges. 2,378,420; June 19.
Lohse, Julius, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Continuous metallurgical treatment of raw materials. 2,375,932; May 15.
Loleit, Hans, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Dyestuff intermediate products. 2,378,779; June 19.
Lomax, Clarence E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,377,562; June 5.
Lomax, Clarence E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Signaling system. 2,384,938; Sept. 18.
Lomax, Clarence E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,386,126; Oct. 2.
Lomax, Clarence E., and P. Bakker, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Telephone system. 2,385,715; Sept. 25.
Lomax, Frank B., Chicago, Ill. Apparatus for treating eggs. 2,382,492; Aug. 14.
Lomax, Fred, Flixton, Manchester, England. Propeller. 2,367,879; Jan. 23.
Lomax, Sue: *See*—
Marsan, Charles R., assignor.
Lomazzo, Edmund J.: *See*—
Sparks, S. W., and Lomazzo.
Lombard, Herman, U. S. Navy. Release hanger or connector. 2,368,671; Feb. 6.
Lombard, Robert H., assignor to Norton Company, Worcester, Mass. Grinding wheel mounting. 2,388,697; Nov. 13.
Lombardi. Anthony J., Floral Park, assignor to the firm
Lombardi Knitting Machine Co., Inc.: *See*—
Lombardi, Vincent, assignor.
Lombardi, Vincent, Garden City, assignor to Lombardi Knitting Machine Co., Inc., Brooklyn, N. Y. Knitting machine. 2,373,126; Apr. 10.
Lombardi, Vincent, Montclair, N. J., assignor to Lombardi Knitting Machine Co., Inc., Brooklyn, N. Y. Knitted fabric. 2,378,780; June 19.
Lombardo, Frank, Kansas City, Mo. Severing apparatus. 2,372,788; Apr. 3.
London, Aaron, Brooklyn, N. Y. Necktie support. 2,382,430; Aug. 14.
Lone Star Cement Corporation: *See*—
Brown, Levi S., assignor.
Swayze, Myron A., assignor.
Loney, William W., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,387,160; Oct. 16.
Long, Armistead R., Fayetteville, W. Va., and J. B. Long, U. S. Navy, Fort Schuyler, N. Y., assignors to Long Super Mine Car Company, Fayetteville, W. Va. Tail section for chain conveyers. 2,386,619; Oct. 9.
Long, Douglas P.: *See*—
Christian, D. A., and Long.
Long, George A., Austin, Tex. Caisson and sinking. 2,373,319; Apr. 10.
Long, Jack L., U. S. Army. Portable telephone. 2,377,162; May 29.
Long, James: *See*—
Spickelmier, E., Long, McKinley, and Day.
Long, James W.: *See*—
Dirkes, R. F., Long, Melick, and Hewitt.
Long, John B.: *See*—
Long, A. R. and J. B.
Long, John R., Akron, Ohio. Sawhorse. 2,373,485; Apr. 10.
Long, John R., assignor to Wingfoot Corporation, Akron, Ohio. Derivatives of fatty acids and preparing same. 2,391,251; Dec. 18.
Long, John R., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Esterification. 2,370,055; Feb. 20.
Long, John R., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Unsaturated carboxylic acids. 2,376,067; May 15.
Long, John R., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Preparation of acid chlorides. 2,388,657; Nov. 6.
Long, Marshall C., Kansas City, Mo. Hydraulic torque converter. 2,371,337; Mar. 13.
Long, Paul H.: *See*—
Hudson, E. B., Long, and Pick.
Long, Ralph D.: *See*—
Oliver, T. C., Long, and Crosson.
Long, Richard H., Oakland, assignor, by mesne assignments, to California Research Corporation, San Francisco, Calif. Variable cycle timer. 2,382,078; Aug. 14.
Long, Robert, assignor to American Porcelain Enamel Company, Muskegon, Mich. Making manifolds. 2,391,468; Dec. 25.
Long, Robert S.: *See*—
Lecher, H. Z., Parker, and Long.
Long, Robert S., Martinsville, N. J., assignor to American Cyanamid Company, New York, N. Y. Metalized azo dyestuffs. 2,366,633; Jan. 2.
Long, Sidney L., Minneapolis, Minn. Toy. 2,376,261; May 15.
Long Super Mine Car Company: *See*—
Long, A. R. and J. B., assignors.
Long, Verne V., Torrington, Wyo. Index head. 2,371,902; Mar. 20.
Long, William H.: *See*—
Kelley, Lawrence E., assignor.
Longden, Eric, Greenside, Johannesburg, Transvaal, Union of South Africa. Filter. 2,390,841; Dec. 11.
Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Pump construction 2,381,220; Aug. 7.
Longenecker, Charles I., assignor to Chain Belt Company, Milwaukee, Wis. Pump for plastic concrete mixtures. 2,384,783; Sept. 11.
Longenecker, Charles I., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis., Self-priming centrifugal pump. 2,386,485; Oct. 9.
Longenecker, Jay H., Richmond, Va. Necktie and collar clasp. 2,379,533; July 3.
Longenecker, Levi S., Mount Lebanon, Pa. Furnace door. 2,387,594; Oct. 23.
Longerich, Ernest P., Mahwah, N. J. Anode ring motor. 2,379,730; July 3.
Longfellow, Harold R., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,386,127; Oct. 2.
Longhway, Joseph F., Oswego, N. Y. Dispensing apparatus. 2,389,068; Nov. 13.
Longini, Richard L., assignor, by mesne assignments, to Wheelco Instruments Company, Chicago, Ill. Burner control apparatus. 2,376,496; May 22.
Longnecker, Charles I., Wauwatosa, assignor to Chain Belt Company. Milwaukee, Wis. Pump construction. 2,375,802; May 15.
Longoria, Antonio, South Euclid, assignor of one-half to Unit Rays, Inc., Cleveland, Ohio. Process of and apparatus for bonding metals. 2,377,163; May 29.
Lonngren, Harald E., New York, N. Y. Cracking petroleum oils. 2,372,591; Mar. 27.
Lonsdale, William, Roselle Park, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for producing extended surface tubular members. 2,367,226; Jan. 16.
Lontz, John F.: *See*—
Kirby, J. E., and Lontz.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,377,703; June 5.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gun sight. 2,377,704; June 5.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2,387,669; Oct. 23.
Loomis, Glenn, McAllen, Tex. Irrigation border filler and temporary dam forming machine. 2,367,412; Jan. 16.
Looney, Leo E., Revere, Mass. Bearing cup puller. 2,380,980; Aug. 7.
Loos, Alexander, Jr., Williamsport, Ind. Buckle. 2,388,752; Nov. 13.
Loose, William S., assignor to The Dow Chemical Company, Midland, Mich. Removal of electrodeposited metals. 2,371,529; Mar. 13.
Looser, John J.: *See*—
Tucker, E. M., E. M., Jr., and J. M., assignors.
López, Enrique, New York, N. Y. Automobile jack. 2,383,661; Aug. 28.
Lopez, Mario S.: *See*—
Jost, Wilford E., assignor.
Lopez, Rufino: *See*—
Schaefer, R. K., Allen, and Lopez.
Lopez, Serafin G., New York, N. Y. Cap for pencil, pencil-pen combinations, or the like. 2,367,683; Jan. 23.
L'Orange Prosper, Stuttgart-Feuerbach, Germany; vested in the Alien Property Custodian. Regulation of the combustible mixture for internal-combustion engines. 2,387,277; Oct. 23.
Lorant, Hugo, New York, N. Y., assignor to The Loewy Engineering Company Limited, London, W. C. 2, England. Apparatus for forming cup-shaped hollow bodies. 2,371,304; Mar. 13.
Lorant, Hugo, New York, N. Y., assignor to The Loewy Engineering Company Limited, London, England. Discard shearing tool for extrusion presses. 2,385,144; Sept. 18.
Lorant, Hugh J., and A. Sadger, London, England; said Sadger assignor to said Lorant. Milling, grinding, turning, or other machine tool. 2,376,262; May 15.
Lorber, Charles, Louisville, Ky. Self-quiz test device. 2,380,657; July 31.
Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,371,530; Mar. 13.
Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,371,634; Mar. 20.
Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,384,108; Sept. 4.

Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,386,324; Oct. 9.
Lorch, Arthur E., Tenafly, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,386,325; Oct. 9.
Lord Baltimore Press, The: *See*—
Bouchelle, William T., assignor.
Lord & Burnham Company: *See*—
King, Thomas E., assignor.
Lord, Byron C., Clayton, Mich. Portable ladder and adjustable platform assembly. 2,384,939; Sept. 18.
Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Lock nut unit. 2,388,270; Nov. 6.
Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Flanged lock nut unit. 2,388,271; Nov. 6.
Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Internal lock nut. 2,388,272; Nov. 6.
Lord, Francis LeB., Bloomfield, assignor to Titelox Manufacturing Company, Montclair, N. J. Lock stud. 2,388,273; Nov. 6.
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,372,965; Apr. 3.
Lord, Hugh C., assignor to Lord Manufacturing Company, Erie, Pa. Frictional controlling device for rotating bodies. 2,382,373; Aug. 14.
Lord Manufacturing Company: *See*—
Henshaw, Richard C., assignor.
Kaemmerling, Gustav H., assignor.
Lord, Hugh C., assignor.
Strachovsky, Nikita B., assignor.
Wallerstein, Leon, Jr., assignor.
Yates, Tom L., assignor.
Lord, Royal B., U. S. Army, Washington, D. C. Gun turret. 2,373,127; Apr. 10.
Lorentz, Melvin E., et al: *See*—
Hedberg, Aldrich R., assignor.
Lorenz, George A., Edwardsville, Ill., assignor to Shell Development Company, San Francisco, Calif. Refining hydrocarbons. 2,368,554; Jan. 30.
Lorenzen, Howard O., Washington, D. C. Radio tube socket. 2,374,221; Apr. 24.
Lorenzen, Howard O., College Park, Md. Radio tube socket adaptations. 2,377,893; June 12.
Loria, Anthony: *See*—
Dickey, J. B., and Loria.
Lorig, Clarence H., assignor to Battelle Memorial Institute, Columbus, Ohio. Valve element. 2,380,854; July 31.
Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Fabricated multipurpose pressing head. 2,370,553; Feb. 27.
Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Fabricated pressing head. 2,370,612; Feb. 27.
Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Control for pressing machines. 2,381,917; Aug. 14.
Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Flow control for pressing machines. 2,381,918; Aug. 14.
Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Safety control for pressing machines. 2,382,322; Aug. 14.
Lornitzo, Frank C., Pawtucket, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Latch control for pressing machines. 2,382,323; Aug. 14.
Lose, James E., Wilkinsburg, Pa. Deep-drawing steel. 2,387,919; Oct. 30.
Losey, Arthur H., assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Grinding or polishing machine and contact roll therefor. 2,378,643; June 19.
Losey, Malcom S.: *See*—
Hall, Charles W., assignor.
Loth, William A. and S. M. H. Guyot, Paris, France; vested in the Alien Property Custodian. Swivelling screw propeller. 2,382,431; Aug. 14.
Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose-leaf binder construction. 2,387,337; Oct. 23.
Lotz, John F., Jr., Birmingham, Ala. Bag filling holder. 2,384,109; Sept. 4.
Lotz, Rudolph W.: *See*—
Cowles, Irving, assignor.
Loucks, Claude A., et al.: *See*—
Lea, H. V., and Schmidt, assignors.
Lea, H. V., Schmidt, and du Bose, assignors.
Louden, Harry M., Columbus, Ohio, and C. W. McCreery, Muncie, Ind., assignors to Owens-Illinois Glass Company. Mold lock. 2,383,556; Aug. 28.
Louden Machinery Company, The: *See*—
Bergen, Lloyd R., assignor.
Loudermilk, Earl R., Kansas City, Mo. Combination cigarette dispenser and ash tray. 2,390,657; Dec. 11.
Loufek, Anthony, Villa Park, Ill. Ice prevention means for aircraft. 2,374,441; Apr. 24.
Loughlin, James F., New York, N. Y. Separating and recovering constituents of tall oil. 2,382,890; Aug. 14.
Loughren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Corporation, Washington, D. C. Signal transmission system. 2,388,001; Oct. 30.
Loughridge, Matthew H., deceased, Bogota, N. J.; W. R. Lockridge, administrator. Fluid motor. 2,378,489; June 19.
Loughridge, Matthew H., Bogota, N. J., deceased, William R. Lockridge, administrator. Decoding system. 2,387,850; Oct. 30.
Louisiana State University and Agricultural and Mechanical College, Board of Supervisors of: *See*—
Fieger, E. A., and Williams, assignors.
Louisville Drying Machinery Company: *See*—
Ernst, Robert C., assignor.
Overton, Glen, assignor.
Loukomsky, Serge A., Bound Brook, and H. T. Lacey, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Porphine pigments. 2,375,120; May 1.
Loumiet et Lavigne, Jean, Playa de la Teja, Itabo, Cuba. Boiler feed regulating apparatus. 2,377,254; May 29.
Lounsbury, John C., Washington, D. C. Needle threader. 2,382,079; Aug. 14.
Louthan, Chester F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,391,252; Dec. 18.
Louthan, George R., assignor to Deere & Company, Moline, Ill. Centrifugal propelling device. 2,385,632; Sept. 25.
Louttit, James E.: *See*—
Records, E. H., and Louttit.
Louviaux, Leon I., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass inspection apparatus. 2,388,789; Nov. 13.
Love, Aubrey, Ridgewood, N. J., assignor of one-fourth to E. J. Garity, New York, N. Y. Aircraft control. 2,382,016; Aug. 14.
Love, Howard T., Mayaguez, P. R.; dedicated to the free use of the people of the territory of the United States. Extracting oil from avocados. 2,383,398; Aug. 21.
Love, James S., Madison, Tenn. Sawmill gauge. 2,373,486; Apr. 10.
Lovejoy, Fred C., and L. W. Buxton, St. Louis, Mo., assignors to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,375,803; May 15.
Lovelace, William R., II: *See*—
Akerman, J., Boothby, Bulbulian, and Lovelace.
Boothby, W., and Lovelace.
Loveless, Donald L., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Alloy steel process. 2,370,364; Feb. 27.
Lovell, Clarence A.: *See*—
Dunlap, K. S., Kelsall, Lovell, and Mallina.
Lovell Manufacturing Company: *See*—
Kauffman, Walter L., II, assignor.
Lovell, Raymond L., South Lyon, Mich. Poultry battery system and cleaning apparatus therefor. 2,383,326; Aug. 21.
Lovell, Stanley P., Newtonville, and F. H. Russell, Needham, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Shoe construction. 2,373,404; Apr. 10
Lovell, Wheeler G., and N. E. Phillips, assignors to General Motors Corporation, Detroit, Mich. Electrolytic reduction of aluminum bromide. 2,373,320; Apr. 10.
Lovely, John E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Fluid actuated double ended chuck spindle. 2,372,592; Mar. 27.
Loveman, William H., Shaker Heights, Ohio. Apparatus for applying and removaing valve fittings in gas cylinders. 2,374,871; May 1.
Loveridge, Gilbert T., Wethersfield, and H. E. Carlson, assignors to Hartford Rayon Corporation, Rocky Hill, Conn. Rayon bobbin spinning machine and operation. 2,379,813; July 3.
Lovers, Guy J., Astoria, and T. Karan, Elmhurst, N. Y. Pipe-cutting machine. 2,383,607; Aug. 28.
Lo Vico, Rosario, Astoria, Long Island, N. Y. Preset pressure can for frozen foods or the like. 2,372,331; Mar. 27.
Loving, George H.: *See*—
Chapman, F. F., Johnson, and Loving.
Lovisone, Louis, Lower Lake, Calif. Tree grafting gauge. 2,371,454; Mar. 13.
Low, Charles L., Lee Township, Allegan County, Mich. Printing machine. 2,386,962; Oct. 16.
Low, Richard, assignor to Conmar Products Corporation, Newark, N. J. Manufacture of sliders for slide fasteners. 2,372,837; Apr. 3.
Lowden, Gordon A., Miamisburg, Ohio. Optical work area locator. 2,379,534; July 3.
Lowe, Arthur R.: *See*—
Boon, W. R., and Lowe.
Lowe, Charles S., Upper Darby, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Solvent emulsion cleaner. 2,374,113; Apr. 17.
Lowe, Earl R., Detroit, Mich. Chuck. 2,373,321; Apr. 10.
Lowe, Earl W., assignor to Mueller Co., Decatur, Ill. Chain lock or fastener. 2,379,014; June 26.
Lowe, James M., Valleyfield, Quebec, Canada. Printing. 2,384,843; Sept. 18.
Lowe, Kenneth J., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,369,244; Feb. 13.
Lowe, Russell E.: *See*—
Morgan, J. D., and Lowe.

Lowe, Wesley G., and W. F. Fowler, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsions. 2,367,511; Jan. 16.

Lowe, Wesley G., and K. P. Griffin, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl alcohol emulsion coating. 2,376,371; May 22.

Lowell, Arthur L., New York, N. Y., and K. F. Fromuth, South Bend, Ind. Operation of bellows-type wing flaps and the like. 2,369,152; Feb. 13.

Lowell & Grayson: *See*—
Grayson, Richard D., assignor.

Löwenstein, Leo, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Preparing arsenates by anodic oxidation of salts of arsenious acid. 2,375,933; May 15.

Löwenstein, Leo, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Producing foam baths. 2,382,732; Aug. 14.

Lower, Donald P., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Oil ring. 2,386,963; Oct. 16.

Lower, Melvin S., Ravenna, Ohio. Scraper. 2,380,855; July 31.

Lowery, Thomas W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Boss forming process. 2,373,901; Apr. 17.

Lowey, Roy E., Evanston, assignor to Container Corporation of America, Chicago, Ill. Container. 2,381,067; Aug. 7.

Lowit, Rudolf, assignor to Callite Tungsten Corporation, Union City, N. J. Making seamless hollow bodies of refractory metals. 2,373,405; Apr. 10.

Lowit, Rudolf, assignor to Callite Tungsten Corporation, Union City, N. J. Electrical assembly. 2,377,164; May 29.

Lowman, John C.: *See*—
Hedges, W. D., Lowman, and Kerr.

Lown, Lester E.: *See*—
Lockwood, E. H., and Lown.

Lown, Walter: *See*—
Baratelli, C. A., Bernheim, and Lown.
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.
Lehmberg, W. H., Baratelli, and Lown.

Lown, Walter, Boston, and C. A. Baratelli, Cambridge, assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Goggles. 2,387,851; Oct. 30.

Lownsbery, Harry R., Elmira, N. Y. Fluid feeding and distributing apparatus. 2,391,174; Dec. 18.

Lowry, Charles D., Jr., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of inhibitors. 2,387,920; Oct. 30.

Lowry, Clyde D.: *See*—
Knight, M., and Lowry.

Lowry, Jesse R., assignor to National Milker Company, Des Moines, Iowa. Milker construction. 2,366,273; Jan. 2.

Lowry, Jesse R., Des Moines, Iowa. Pump. 2,382,080; Aug. 14.

Lowry, Robert W., Minneapolis, Minn. Knife. 2,387,032; Oct. 16.

Lowther, John W., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Core box. 2,386,326; Oct. 9.

Lowther, Wilfred W., Minneapolis, Minn. Air cleaner. 2,367,227; Jan. 16.

Lowther, Wilfred W., Minneapolis, Minn. Oil washed air cleaner. 2,387,278; Oct. 23.

Lowther, Wilfred W., Minneapolis, Minn. Fuel pump for internal-combustion engines. 2,389,159; Nov. 20.

Lowy, Arthur, Newark, N. J., assignor to New York Engineering Company, New York, N. Y. Bung bushing. 2,385,294; Sept. 18.

Lowy, Larry, New York, N. Y. Combined phonograph and projector. 2,380,250; July 10.

Lowy, Robert, Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Steering gear for ships. 2,385,090; Sept. 18.

Loy Corporation: *See*—
Loy, Egon, assignor.

Loy, Egon, assignor to Loy Corporation, New York, N. Y. Finishing treatment for felt and felt hat bodies. 2,379,643; July 3.

Loy, John W., McLean, Va., assignor to Phillips Petroleum Company. Catalyst chamber apparatus. 2,383,729; Aug. 28.

Loy, Thomas H., Columbus, Ohio. Garden tractor. 2,367,466; Jan. 16.

Loyd, Vivian G., Cumberley, England. Articulated bogie for track laying or other vehicles. 2,386,620; Oct. 9.

Lozinski, Ezra: *See*—
Butler, G. C., Lozinski, and Odell.

Luáces, Enrique L., Woodhaven, N. Y., assignor, by mesne assignments, to Research and Development Corporation, Wilmington, Del. Recovery of carbon bisulphide. 2,387,763; Oct. 30.

Luaces, Enrique L., Dayton, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Wrinkle coating from nonconjugated oils. 2,389,794; Nov. 27.

Luaces, Enrique L., Dayton, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Wrinkle coating from nonconjugated oils. 2,389,795; Nov. 27.

Luáces, Enrique L., and M. A. Crosby, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Treating wire for belt manufacture. 2,382,081; Aug. 14.

Luber-Finer, Inc.: *See*—
Russell, John K., assignor.

Luboshez, Benjamin E., assignor to Eastman Kodak Company, Rochester, N. Y. Exposure control for cameras. 2,369,473; Feb. 13.

Luboshez, Benjamin E., assignor to Eastman, Kodak Company, Rochester, N. Y. Range finder. 2,373,406; Apr. 10.

Luboshez, Benjamin E., assignor to Eastman Kodak Company Rochester, N. Y. Artificial horizon for sextants. 2,386,621; Oct. 9.

Lubri-Zol Development Corporation, The: *See*—
Lincoln, B. H., and Byrkit, assignors.
Werder, John F., assignor.

Lucarelle, Joseph M., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Clutch operating mechanism for phonographs. 2,367,413; Jan. 16.

Lucas, Jay J., assignor of 25 percent to I. Elenbas, Centerline, Mich. Pencil sharpener. 2,382,017; Aug. 14.

Lucas, Mildred F., assignor to Operadio Manufacturing Co., St. Charles, Ill. Loud-speaker. 2,386,964; Oct. 16.

Lucas, Stephen J., Chicago, Ill. Reed. 2,375,934; May 15.

Luccous, John C.: *See*—
Otis, H. C., and Luccous.

Luce, Richard W., Southport, Conn. Threaded locking device. 2,376,927; May 29.

Luce, Richard W., Southport, Conn. Anchor nut. 2,389,989; Nov. 27.

Luce, Robert C., Grand Rapids, Mich. Sash balance. 2,370,867; Mar. 6.

Luce, Roy: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.

Luce, Wilhelm: *See*—
Orthner, L., Luce, and Wagner.

Lucek, Charles W.: *See*—
Fitch, K. E., Large, and Lucek.

Lucek, Charles W., Port Chester, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter exchange system. 2,368,715; Feb. 6.

Lucia, Louis V.: *See*—
Wolcott, F. E., and Lucia.

Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Combination steaming and pressing iron. 2,369,677; Feb. 20.

Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Filtering device. 2,370,674; Mar. 6.

Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Circuit control and connection therefor. 2,373,248; Apr. 10.

Lucid, David E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making arcute molded articles. 2,369,583; Feb. 13.

Lucid, David E., Dayton, Ohio, assignor General Motors Corporation, Detroit, Mich. Making friction linings. 2,379,166; June 26.

Luck, David G. C., Merchantville, N. J., assignor to Radio Corporation of America. Rate of climb indicator. 2,369,788; Feb. 20.

Luck, David G. C., Hightstown, N. J., assignor to Radio Corporation of America. Radio direction finder. 2,387,670; Oct. 23.

Lucke, Henry J.: *See*—
Luckhaupt, Christopher.
Winter, Arthur C., assignor.

Luckenbach, William F., Jr., Oaklyn, N. J., assignor to Foote Mineral Company, Philadelphia, Pa. Composition comprising an organolithium product. 2,388,166; Oct. 30.

Luckenbill, David B.: *See*—
Shiras, R. N., and Luckenbill.

Luckhaupt, Christopher, Jamaica, N. Y., assignor to Henry J. Lucke, East Orange, N. J. Treating timber. 2,383,504; Aug. 28.

Luckhaupt, Christopher, Jamaica, N. Y., assignor to Luckite Processes, Inc., Delawanna, N. J. Treating cellulose matter and resulting product. 2,387,801; Oct. 30.

Luckite Processes, Inc.: *See*—
Luckhaupt, Christopher, assignor.

Lucks, Charles F.: *See*—
Russell, H. W., and Lucks.

Ludbrook, Leslie C., Cawston, near Rugby, England, assignor to General Electric Company. Electromagnetic gauge. 2,380,251; July 10.

Ludi, William C., and E. M. Fry, Jr., Matawan, N. J., assignor to Standard Oil Development Company. Alarm signal system for automatic valves. 2,389,204; Nov. 20.

Ludington, Charles T., Ardmore, Pa. Amphibian aircraft. 2,383,870; Aug. 28.

Ludlow Valve Manufacturing Co., Inc., The: *See*—
Lee, Henry B., assignor.
Weinberg, Edwin A., assignor.

Ludwell, Frederick R., San Jose, assignor to E. D. Bullard Company, San Francisco, Calif. Safety headgear. 2,384,183; Sept. 4.

Ludwig, Andrew H., New York, N. Y. Spring construction. 2,375,667; May 8.

Ludwig, Carl L., Los Angeles, Calif. Measuring dispenser. 2,366,343; Jan. 2.
Ludwig, Carl L., Los Angeles, Calif. Multiple dispenser. 2,386,128; Oct. 2.
Ludwig, Frederick W., as trustee: *See*—
Stephens, Thomas J., assignor.
Ludwig, Hans: *See*—
Fingado, G. A., and Ludwig.
Ludwig, John E., Sr., assignor to David-Ludwig Company, Detroit, Mich. Air cleaner. 2,383,138; Aug. 21.
Ludwig, Leon R., and R. C. Bergvall, Forest Hills, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical system. 2,383,327; Aug. 21.
Ludwig, Samuel, Toronto, Ontario, Canada. Footwear. 2,391,720; Dec. 25.
Ludwig, Sidney, assignor to The Ward Products Corporation, Cleveland, Ohio. Antenna. 2,366,634; Jan. 2.
Ludwig, W. E.: *See*—
Chambers, A., and Gearhart, assignors.
Luebke, Arthur H., assignor to Line Material Company, Milwaukee, Wis. Wire reel. 2,370,868; Mar. 6.
Lueck, Lawrence R., El Monte, Calif. Aircraft landing wheel turbine. 2,377,638; June 5.
Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Rotary web printing press. 2,377,165; May 29.
Luehrs, Hans J., Westerly, R. I., and P. W. Cottrell, Stonington, Conn., assignors to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feeder. 2,383,807; Aug. 28.
Luenberger, Frederick O.: *See*—
Huck, G. E., and Luenberger.
Luenberger, Frederick O., Los Angeles, and C. E. Pugh, Inglewood, assignors to U. S. Electrical Motors, Inc., Los Angeles, Calif. Motor adjusting mechanism. 2,377,563; June 5.
Luertzing, Walter O., Vineland, N. J., assignor to E. Machlett & Son, New York, N. Y. Apparatus for sealing glass tubes. 2,378,146; June 12.
Luger, Kenneth E., Minneapolis, Minn. Clothes drying rack. 2,379,975; July 10.
Luger, William G., Minneapolis, assignor of one-fourth to W. Sipe, Robbinsdale, Minn. Cultivator attachment for tractors. 2,368,312; Jan. 30.
Luhn, Hans P., Armonk, assignor to International Business Machines Corporation, New York, N. Y. Code translator. 2,369,474; Feb. 13.
Lui, Henry S. K., San Francisco, Calif. Stamp roller. 2,386,965; Oct. 16.
Luisada, Aldo A., Boston, Mass. Treating heart ailments. 2,366,799; Jan. 9.
Lukowitz, Bernard V., Milwaukee, Wis. Trick walking cane. 2,385,091; Sept. 18.
Lul Products, Inc.: *See*—
Larkin, Lester U., assignor.
Lulek, Ralph N., and O. H. Johnson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid wool dyestuffs of the anthraquinone series. 2,369,969; Feb. 20.
Lulham, Thomas R., London, England. Device for use in connection with ash trays for cigarettes. 2,374,442; Apr. 24.
Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,371,968; Mar. 20.
Lum, James H., Dayton, Ohio, assignor to Monsanto Chemical Company. Impregnating pressed metal articles. 2,376,706; May 22.
Lum, James H., and R. L. Schaefer, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Protein-containing plastic compositions. 2,376,607; May 22.
Lum, John C., Union, and T. J. Keating, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective compositions. 2,367,954; Jan. 23.
Lumb, Charles F., Kingston Hill, and F. G. W. Spears, Potters Bar, England. Tube cleaning apparatus for boilers and the like. 2,384,940; Sept. 18.
Lumbard, Henry G., Auburn, Maine. Cushion cupped-heel insole. 2,379,366; June 26.
Lumbard, Henry G., Auburn, Maine. Shoemaking. 2,391,789; Dec. 25.
Lummus Company, The: *See*—
Bloomer, Ward J., assignor.
Boeckeler, B. C., Lummus, and Nansen, assignors.
Bowles, Vernon O., assignor.
Gadwa, Truman A., assignor.
Gibb, J. A., Hayward, and Schutte, assignors.
Hiltz, Percy L., assignor.
Kniel, Ludwig, assignor.
Kraft, Wheaton W., assignor.
Lambert, P., Riemenschneider, and Gibb, assignors.
Reed, Carl S., assignor.
Riemenschneider, Ralph H., assignor.
Schneider, Rolf E., assignor.
Schutte, August H., assignor.
Schutte, A. H., and Bowles, assignors.
Tarbox, Leon A., assignor.
Lummus Cotton Gin Company: *See*—
Muirhead, Alfred R., assignor.
Lummus, Edward I.: *See*—
Boeckeler, B. C., Lummus, and Nansen.
Lund, Arthur D., Minneapolis, Minn., assignor, by mesne assignments, to General Motors Corporation. Grid pasting machine. 2,375,424; May 8.
Lund, Charles W.: *See*—
Indge, H. S., and Lund.
Lund, Johan, Detroit, Mich., assignor to The Gear Grinding Machine Company, Hamtramck, Mich. One-way rotary clutch. 2,388,424; Nov. 6
Lund, Johan, Detroit, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Transmission unit testing machine. 2,388,425; Nov. 6.
Lundal, Ingie J., Maywood, and C. F. Weinreich, Des Plaines, Ill., assignors to Cherry-Burrell Corporation, Wilmington, Del. Packaging apparatus. 2,387,452; Oct. 23.
Lundberg, Gustave E., Riverside, Ill., assignor to International Harvester Company. Air circulating system. 2,376,546; May 22.
Lundberg, Gustave E., and A. R. Crawford, Riverside, Ill., assignors to International Harvester Company. Air cleaner and baffle element therefor. 2,387,080; Oct. 16.
Lundberg, Loren L., Pine Bluffs, Wyo. Potato harvesting machine. 2,381,172; Aug. 7.
Lundbye, Axel E., assignor to The Crowell-Collier Publishing Company, Springfield, Ohio. Intaglio printing press. 2,377,089; May 29.
Lundeberg, Edgar C., Hartford Conn. Gauge. 2,377,020; May 29.
Lundeen, Carl V.: *See*—
Blount, H., and Lundeen.
Lundeen, Carl V., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulation slitting tool. 2,391,721; Dec. 25.
Lundeen, Carl V., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Portable insulation slitting tool. 2,391,722; Dec. 25.
Lundeen, John A., Pequot Lakes, Minn. Drip timing device. 2,375,375; May 8.
Lundell-Eckberg Manufacturing Company, Inc: *See*—
Lundell, Victor S., assignor.
Lundell, Victor S., assignor to Lundell-Eckberg Manufacturing Company, Inc., Jamestown, N. Y. Window operator. 2,370,740; Mar. 6.
Lundgren, Eric, Braddock Heights, Md., assignor to T. A. Unsworth, Burlington, Vt. Interlacing needle loom. 2,377,564; June 5.
Lundholm, Josef E., Stockholm, Sweden. Closure fastener device. 2,369,584; Feb. 13.
Lundholm, Josef E., Stockholm, Sweden. Devices for bolting up double windows connected with one another. 2,389,375; Nov. 20.
Lundin, Nils E.: *See*—
Olsson, J., and Lundin.
Lundin, Walfred L., Tacoma, Wash. Child's crib. 2,369,834; Feb. 20.
Lundquist, Carl J., Davenport, Iowa. Laundry apparatus. 2,371,834; Mar. 20.
Lundquist, Hjalmar T., Kennett Square, Pa. Belt sander. 2,391,322; Dec. 18.
Lundquist, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Modified maleic anhydride-terpene reaction products and producing same. 2,383,399; Aug. 21.
Lundquist, Wilton G., Hohokus, and E. H. Olson, Paterson, N. J., assignors to Wright Aeronautical Corporation. Intake manifold arrangement. 2,382,244; Aug. 14.
Lundry, Walter R., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Attenuation equalizer. 2,374,872; May 1.
Lundstrom, Alexis A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current signal receiver. 2,387,671; Oct. 23.
Lundstrom. Ida, St. Louis, Mo. Curtain fixture. 2,374,605; Apr. 24.
Lundy, Bertram F., Vancouver, British Columbia, Canada. Dehydrating apparatus. 2,386,052; Oct. 2.
Lundy, Beverly A.: *See*—
Hull, S. P., Corcoran, and Lundy.
Lung, Kenneth R., assignor to Flint & Walling Manufacturing Co., Inc., Kendallville, Ind. Pump priming control. 2,368,367; Jan. 30.
Lunge, George S., Scotia, N. Y., assignor to General Electric Company. Telemeter system. 2,375,668; May 8.
Lunt, William R. F., Durban, Natal, Union of South Africa. Cooling the air in underground mine workings and like places. 2,386,560; Oct. 9.
Lupton, Elmer H., Ilchester, Md., assignor to The Bartgis Bros. Company. Bottle carrier. 2,384,480; Sept. 11.
Lurcott, Eugene George, Jr., Indianapolis, Ind., assignor to Radio Corporation of America. Range finder. 2,373,249; Apr. 10.
Lurie, Marc, Indianapolis, Ind. Water rectification. 2,367,228; Jan. 16.
Lurtz, Carl, Brooklyn, N. Y. Escapement mechanism 2,385,011; Sept. 18.
Lusa, Joseph, Ridgefield, N. J. Counterbore. 2,374,761; May 1.
Luse, Daniel C., Chicago, Ill. Cleansing mass and producing the same. 2,372,838; Apr. 3.
Luster, Donald R.: *See*—
Rutherford, P. B., and Luster.

Luten, Daniel B., Jr.: *See*—
De Benedictis, A., and Luten.
Luten, Daniel B., Jr., and A. De Benedictis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating phenols. 2,366,538; Jan. 2.
Luten, Daniel B., Jr., and S. B. Thomas, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Production of 2,3,5-trimethyl phenol. 2,370,554; Feb. 27.
Luten, Daniel B., Jr., and A. De Benedictis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Purification of alkyl phenols. 2,378,232; June 12.
Lutes, Emory, et al.: *See*—
Seiden, Elmer J., assignor.
Lutes, Herschel, Detroit, and J. J. Buzzell, Alpena, Mich. Refrigerating apparatus. 2,381,068; Aug. 7.
Lutes, Herschel, Detroit, and J. J. Buzzell, Alpena, Mich. Refrigerating apparatus. 2,381,069; Aug. 7.
Lutes, Oakley D., et al.: *See*—
Seiden, Elmer J., assignor.
Luth, Harold J., Muskegon Heights, and H. B. Scheidemantel, Muskegon, Mich, assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Plastic fastening means and applying same. 2,366,274; Jan. 2.
Luth, Harold J., S. R. Krupnick, and R. H. Hansen, Jr., Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling pin setter. 2,380,601; July 31.
Luth, Harold J., and S. R. Krupnick, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Method and apparatus for drying lumber. 2,387,595; Oct. 23.
Luther, Karl H.: *See*—
Tea, C. A., and Luther.
Luthi, Robert, Forest Park, Ill., assignor to American Can Company, New York, N. Y. Feeding device. 2,371,177; Mar. 13.
Lutomirski, Karel, Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Temperature control apparatus. 2,386,903; Oct. 16.
Luton, William I., Nashville, assignor of one-half to W. O. Luton, Sylvia, Tenn. Safety instrument board cushion. 2,375,567; May 8.
Luton, William O.: *See*—
Luton, William I., assignor.
Luttge, William G., Rockville Centre, N. Y., assignor to American Viscose Corporation, Wilmington, Del. Fabric. 2,373,194; Apr. 10.
Lutz, Karl B., et al.: *See*—
Howard, William C., Jr., assignor.
Lutz, Raymond P., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Leaded phenol resins and making such resins. 2,367,296; Jan. 16.
Lutz, William C., Union, N. J. Rocking horse. 2,372,384; Mar. 27.
Luxenberger, Eugene A.: *See*—
Schott, J. F., Luxenberger, and Blair.
Luxene Inc.: *See*—
Galley, Charles E., assignor.
Lyall, John D., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Measuring and discharging device. 2,385,092; Sept. 18.
Lybarger, Samuel F., assignor to E. A. Myers & Sons, Pittsburgh, Pa. Sound transmitter. 2,367,726; Jan. 23.
Lybarger, Samuel F., assignor to E. A. Myers & Sons, Pittsburgh, Pa. Audiphone receiver. 2,375,010; May 1.
Lycan, William H., and J. L. Eyre, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Artificial drying oil. 2,373,250; Apr. 10.
Lyden, Frank J., Erie, Pa. Bearing construction for dynamo-electric machines. 2,381,070; Aug. 7.
Lyem, Arthur, Cumberland, Md., assignor to Celanese Corporation of America. Textile material. 2,377,434; June 5.
Lykken, Henry G. and W. H., Minneapolis, Minn. Pulverizing and classifying apparatus. 2,380,321; July 10.
Lykken, William H.: *See*—
Lykken, Henry G. and W. H.
Lyle, Aaron K., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for coating glass articles. 2,375,482; May 8.
Lyle, Aaron K., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for making glass. 2,388,274; Nov. 6.
Lyle, Edward L., Maryville, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Coil handling apparatus. 2,389,443; Nov. 20.
Lyle, Frederick W., Irwin, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Time delay device. 2,383,328; Aug. 21.
Lyle, James E., Canton, Ill., assignor to International Harvester Company. Agricultural machine. 2,376,547; May 22.
Lyle, Malcolm H., Johnson City, and C. B. Smith, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Yarn lubrication. 2,383,505; Aug. 28.
Lyman, Harold T., Milford, Conn., assignor to General Electric Company. Frequency modulation receiver. 2,369,585; Feb. 13.
Lynch, Charles S., Plainfield, N. J., assignor to Standard Oil Development Company. Isomerization process. 2,383,608; Aug. 28.
Lynch and Company: *See*—
Jaeger, Charles B., Jr., assignor.
Lynch, E. P., Inc.: *See*—
Lynch, John R., assignor.
Lynch, Elbert J., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Tare poise control mechanism. 2,376,608; May 22.
Lynch, Harold J., Cornwall-on-Hudson, N. Y. Injection molding of plastic materials. 2,386,697; Oct. 9.
Lynn, Harry H.: *See*—
Mosler, E. H., and Lynn.
Lynch, John R., Providence, R. I., assignor to E. P. Lynch, Inc. Luminous article and method. 2,372,903; Apr. 3.
Lynch, Kathryn L.: *See*—
Jaeger, A. O., and Lynch.
Lynch, Kathryn L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Organic compounds and their preparation. 2,368,067; Jan. 23.
Lynch, Kathryn L., and H. J. West, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Wetting and emulsifying agents. 2,379,535; July 3.
Lynch Manufacturing Corporation: *See*—
Sandberg, Oscar, assignor.
Lynch, Vernon C., Berwyn, Ill. Rotary steam engine. 2,376,792; May 22.
Lynd, William E., Longview, Tex., assignor to Lane-Wells Company, Los Angeles, Calif. Dual production device. 2,370,476; Feb. 27.
Lyndhurst Chemical Corporation: *See*—
Joy, H. van B., and Rust, assignors.
Lynex, Alfred J., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Scribing tool. 2,388,361; Nov. 6.
Lynn, Clarence, Pittsburgh 21, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Direct-current dynamoelectric machine and ventilating system therefor. 2,381,296; Aug. 7.
Lynn, Clarence, Pittsburgh 21, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Ventilated electromagnetic device. 2,381,297; Aug. 7.
Lynn, George E., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Parasiticidal compositions. 2,378,309; June 12.
Lynn, George E., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Insecticide composition. 2,378,310; June 12.
Lynn, George E., and B. J. Thiegs, assignors to The Dow Chemical Company, Midland, Mich. Method for killing plants. 2,378,716; June 19.
Lynn, Lawrence B.: *See*—
Hanna, C. R., Mikina, and Lynn.
Lynn, Lawrence B., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gun stabilizing apparatus. 2,381,161; Aug. 7.
Lynn, Robert M., Altadena, Calif. Lens system. 2,379,167; June 26.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,228; Jan. 30.
Lyon, George A., Allenhurst, N. J. Making wheel covers. 2,368,229; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,230; Jan. 30.
Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Fender shield construction and assembly. 2,368,231; Jan. 30.
Lyon, George A., Allenhurst, N. J. Conveyer system. 2,368,233; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,234; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,235; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,236; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel cover structure and assembly. 2,368,237; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,238; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel cover structure. 2,368,239; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel construction. 2,368,240; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,241; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel construction 2,368,242; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure 2,368,243; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,244; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,245; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,246; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,247; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,248; Jan. 30.

Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,249; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,250; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,251; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,252; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,253; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,368,254; Jan. 30.
Lyon, George A., Allenhurst, N. J. Making wheel covers. 2,386,223; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,224; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel construction. 2,386,225; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel construction. 2,386,226; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel construction. 2,386,227; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,228; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,229; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,230; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,231; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,232; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,233; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,234; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,235; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,236; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,237; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,238; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,239; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,240; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,241; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,242; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,243; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,244; Oct. 9.
Lyon, George A., Allenhurst, N. J. Wheel structure. 2,386,245; Oct. 9.

Lyon, Incorporated: *See*—
Aske, Charles B., Jr., assignor.
Lyon, George A., assignor.

Lyon, James, San Diego, Calif. Beak and wing trimmer and cauterizer for fowl and the like. 2,385,633; Sept. 25.

Lyon Metal Products, Incorporated: *See*—
Bales, James E., assignor.
Loeb, F. F., and Bales, assignors.

Lyon, Priscilla: *See*—
Harton, E. E., Jr., and Lyon.

Lyon-Raymond Corporation: *See*—
House, William C., assignor.

Lyon, Robert C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Crystalline ternary addition compounds. 2,368,255; Jan. 30.

Lyons, Ernest C., Brooklyn, N. Y. Antirattler device for windows and the like. 2,378,490; June 19.

Lyons, Herschel, Lafitte, La. Bearing for rudder shafts. 2,384,941; Sept. 18.

Lyons, Sanford C., Bennington, Vt., assignor to Georgia Kaolin Company, Elizabeth, N. J. Procedure of extracting aluminum hydrate from clay. 2,388,983; Nov. 13.

Lyophile-Cryochem Company: *See*—
Flosdorf, Earl W., assignor.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. Hydraulic torque converter. 2,379,015; June 26.

Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Internal-combustion motor. 2,383,979; Sept. 4.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, New York, N. Y., L. M. Merrill, Westfield, N. J., and P. H. Batten, Racine, Wis., as trustees. Variable-speed power transmission. 2,383,980; Sept. 4.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, New York, N. Y., L. M. Merrill, Westfield, N. J., and P. H. Batten, Racine, Wis., as trustees. Hydraulic variable speed power transmission. 2,383,981; Sept. 4.

Lysholm, Alf, Stockholm, Sweden, assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, as trustees. Power plant for aircraft. 2,385,366; Sept. 25.

Lytle, Chester W., assignor to Zenith Radio Corporation, Chicago, Ill. Antenna system. 2,385,012; Sept. 18.

M. J. B. Company: *See*—
Burns, Wilford E., assignor.

M. L. Trust, F. R. Pendleton, trustee: *See*—
Greenleaf, R. M., and Hunt, assignors.

M and M Wood Working Company: *See*—
Cone, Charles N., assignor.

M S W Manufacturing Company, Incorporated: *See*—
Fauser, Richard, assignor.

Maack, Walter H., Collinsville, Ill. Self-attaching wire holder. 2,386,129; Oct. 2.

Maage, Alfred E., Jr., Milwaukee, Wis. Wing nut. 2,383,141; Aug. 21.

Maag-Zahnräder und-Maschinen Aktiengesellschaft: *See*—
Aeppli, Albert, assignor.
Ernst, Daniel, assignor.

Maass, Wilhelm: *See*—
Becker, W., and Maass.

Mabbs, Carl E., Chicago, Ill., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Capsulating process and apparatus. 2,379,816; July 3.

Mabbs, Carl E., Evanston, Ill., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Process and apparatus for making capsules. 2,379,817; July 3.

Mabe Corporation: *See*—
Weisman, Maurice, assignor.

Mabery, Nelson, assignor to Airplane Manufacturing & Supply Corporation, Glendale, Calif. Starter tester. 2,381,549; Aug. 7.

Mabrito, Edward J., Richmond, Calif. Uptake construction. 2,370,555; Feb. 27.

Mabry, Forrest S., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric position indicator. 2,370,056; Feb. 20.

MacAdam, James F., Arthur, N. Dak. Telegraph key. 2,373,132; Apr. 10.

Macafee, Millard K., Brooklyn, N. Y. Adjustable blade reamer. 2,369,587; Feb. 13.

MacAllister, Copeland C., Winchester, Mass., assignor to General Electric Company. Traffic control system. 2,369,588; Feb. 13.

Macaluso, Vincent J.: *See*—
Berman, S., and Macaluso.

Maccaferri, Mario, New York, N. Y. Mouthpiece for reed instruments. 2,368,556; Jan. 30.

MacCallum, Allan M., Maywood, and P. A. Noxon, Tenafly, assignors to Bendix Aviation Corporation, Bendix, N. J. Gyro caging mechanism. 2,383,663; Aug. 28.

MacCarthy, Donnell D., and T. Brownlee, Pittsfield, Mass., assignors to General Electric Company. Impulse-protected fuse. 2,371,969; Mar. 20.

MacCarthy, Donnell D., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,380,255; July 10.

MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Wall covering. 2,373,039; Apr. 3.

MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strip coiling apparatus. 2,378,024; June 12.

MacColl, Evan A., assignor to Chromium Mining and Smelting Corpn., Limited, Sault Ste. Marie, Ontario, Canada. Production of calcium chromate. 2,368,481; Jan. 30.

Maccormac, Michael: *See*—
Silver, L., and Maccormac.

MacCorquodale, Donald W.: *See*—
Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee.

MacDicken, Alex P., Seattle, Wash. Safety wheel. 2,385,215; Sept. 18.

Macdonald, Alexander D., Newton, assignor to B. B. Chemical Co., Boston, Mass. Compositions of polymerized chloroprene. 2,387,338; Oct. 23.

Macdonald, Alexander D., Malden, and J. H. Rishton, Wakefield, assignors to B. B. Chemical Co., Boston, Mass. Polymerized chloroprene compositions. 2,386,403; Oct. 9.

Macdonald, Herbert G., Mount Prospect, and J. Hruby, assignors to Charles Bruning Co., Inc., Chicago, Ill. Combined printing and developing machine. 2,373,040; Apr. 3.

Macdonald, Ian, Modesto, Calif. Moneybag. 2,374,115; Apr. 17.

MacDonald, James A., Glendale, assignor to J. U. Birnie, Los Angeles, Calif. Spray gun apparatus. 2,370,408; Feb. 27.

MacDonald, Joseph R., Medford, Mass., assignor to The Multiple Breaker Company, New London, Conn. Lifeboat breaker. 2,385,146; Sept. 18.

MacDonald, Joseph R., Winchester, Mass. Manufacture of ice. 2,387,921; Oct. 30.

Macdonald, Kenneth W., Watertown, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Heel treating. 2,382,247; Aug. 14.

Macdonald, Kenneth W., Winchester, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Sole attaching press. 2,388,426; Nov. 6.

MacDonald, Murray J., Katonah, C. S. Schwendler, Woodside, N. Y., and F. C. Schwendler, Dayton, Ohio, assignors to National Casket Company Incorporated, Long Island City, N. Y. Hardenable plastic compositions. 2,383,609; Aug. 28.
MacDonald, Raymond E., Westwood, assignor of one-half to E. M. Warwick, Walpole, Mass. Former device for making paper pulp containers. 2,377,298; May 29.
MacDonald, Raymond E., Westwood, assignor of one-half to E. M. Warwick, Walpole, Mass. Making containers from paper pulp and apparatus therefor. 2,385,145; Sept. 18.
MacDonald, Raymond E., Westwood, assignor of one-half to E. M. Warwick, Walpole, Mass. Device for forming containers of flexible material. 2,385,147; Sept. 18.
Macdonald, William G., and W. A. Cooper, assignors to William Cotton Limited, Loughborough, England. Cotton's patent and other straight bar knitting machines. 2,381,072; Aug. 7.
MacDonald, William H., and L. J. Woods, Worcester, Mass. Wire drawing apparatus. 2,370,806; Mar. 6.
MacDowell, Louis G.: *See*—
McNamee, R. W., and MacDowell.
MacDowell, Louis G., Jr.: *See*—
Toussaint, W. J., and MacDowell.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Radio antenna for automobiles and the like. 2,384,631; Sept. 11.
Macek, Joseph J., Montclair, N. J. Camera and projector. 2,391,430; Dec. 25.
Macey, Joseph H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reuse of vulcanized scrap synthetic rubber. 2,378,717; June 19.
MacFadden, Wilford C., Philadelphia, Pa., assignor to Cinch Manufacturing Corporation, Chicago, Ill. Insulated contact socket. 2,367,512; Jan. 16.
MacFarland, Allison M., Freeport, assignor to Burgess Battery Company, Chicago, Ill. Making dry batteries. 2,389,674; Nov. 27.
MacFarland, Allison M., assignor to Burgess Battery Company, Freeport, Ill. Soldering. 2,390,890; Dec. 11.
MacFarlane, John D., Stoney Creek, assignor of one-half to L. Donahue, Sarnia, Ontario, Canada. Diamond drill bit. 2,371,698; Mar. 20.
Macfarren, Walter W., Los Angeles, Calif. Pontoon assembly and using the same. 2,391,059; Dec. 18.
Macgill, Charles D., Glasgow, W. 3, assignor to Barr & Stroud, Limited, Glasgow, Scotland. Sight for guns. 2,377,797; June 5.
Macgill, Charles D., Glasgow, W. 3, Scotland, assignor to Barro & Stroud, Limited, Glasgow, Scotland. Reciprocating pump. 2,389,918; Nov. 27.
Macgill, Charles D., Glasgow, W. 3, assignor to Barr & Stroud, Limited, Glasgow, Scotland. Gas and liquid mixer. 2,390,313; Dec. 4.
MacGregor, Clide, Flint, Mich. Electric heater and circulator. 2,385,295; Sept. 18.
MacGregor Instrument Company: *See*—
Smith, Jesse C., assignor.
MacGregor, James H., Bocking, Braintree, assignor to Courtaulds Limited, London, England. Treatment of nylon for modifying its dyeing affinity. 2,371,536; Mar. 13.
MacGregor, James H., Bocking, Braintree, assignor to Courtaulds Limited, London, England. Modifying the dyeing and other properties of cellulosic textile materials. 2,375,124; May 1.
MacGuire, William E., and K. J. Dodge, Louisville, Ky., assignors, by mesne assignments, to F. B. Yingling, Hamilton, Ohio. Self-oiling burnishing tool. 2,387,453; Oct. 23.
Machado, Antnony B.: *See*—
Friden, C. M., and Machado.
Machado, Anthony B., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Revolution counter control. 2,366,345; Jan. 2.
Machado, Anthony B., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Constant multiplier control. 2,388,211; Oct. 30.
Machado, Anthony B., San Leandro, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,391,098; Dec. 18.
Machine Products Corporation: *See*—
Miller, Clarence H., assignor.
Machine & Tool Designing Co.: *See*—
Pecker, Joseph S., assignor.
Machlett, E., & Son: *See*—
Luertzing, Walter O., assignor.
Machlett Laboratories Incorporated: *See*—
Machlett, R. R., and Skehan, assignors.
Skehan, J. W., and Agule, assignors.
Machlett, Raymond R., New Canaan, and J. W. Skehan, Stamford, assignors to Machlett Laboratories Incorporated, Springdale, Conn. Insulating structure. 2,376,439; May 22.
Machol, Morris R.: *See*—
Bay, T. J., and Machol.
Macht, Maurice L., Jersey City, and M. M. Renfrew, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Luminescent cast synthetic resin articles. 2,383,067; Aug. 21.
Macintosh, Robert R., K. Mendelssohn, and R. Salt, Oxford, England. Means for vaporizing anaesthetic liquids. 2,367,955; Jan. 23.
Macintyre, John R., South Peabody, Mass., assignor to General Electric Company. Totalizing liquid level indicator. 2,388,559; Nov. 6.
Mack, Gerry P., Jackson Heights, Long Island, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Polyisobutylene-wax compositions. 2,388,984; Nov. 13.
Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Aqueous polyisobutylene emulsions. 2,389,796; Nov. 27.
Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Finishing and dressing agents for fibrous materials. 2,370,057; Feb. 20.
Mack, Ludwig, Frankfort-on-the-main-Unterliederbach, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing condensation products. 2,366,452; Jan. 2.
Mack Manufacturing Corporation: *See*—
James, Franklin E., assignor.
Zeller, Theodore J., assignor.
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Recording and indicating system. 2,391,060; Dec. 18.
Mackelfresh, William E., Jr.: *See*—
Firks, T. H., and Mackelfresh.
MacKenzie, Donald, South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration analyzer. 2,377,349; June 5.
MacKenzie, Donald, assignor to Dowty Equipment Limited, Cheltenham, England. Fluid actuated control system. 2,379,536; July 3.
Mackenzie, Dorothy E., and G. H. Wolfe, Reno, Nev. Tuyère construction. 2,388,275; Nov. 6.
MacKenzie, Kenneth J., and R. S. Bryce, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of paper of good wet strength. 2,384,632; Sept. 11.
MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Sectional wood gutter. 2,383,938; Sept. 4.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole chamfering machine. 2,378,940; June 26.
Mackey, Bill H.: *See*—
Desetti, G. E., Dew, Mackey, and Woodbridge.
Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Graining machine. 2,382,324; Aug. 14.
Mackintosh, Charles, Los Angeles, Calif. Closure. 2,367,881; Jan. 23.
Mackintosh, Charles, Los Angeles, Calif. Timber connector. 2,391,061; Dec. 18.
Mackintosh-Hemphill Company: *See*—
McConnell, William M., assignor.
Macklanburg, Louis A., Oklahoma City, Okla. Friction device for vertically sliding window sashes. 2,391,431; Dec. 25.
Macklief, Alex, Spokane, Wash. Rethreading tool. 2,388,790; Nov. 13.
Mackmann, Arthur, and W. F. Ardussi, assignors to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Load handling apparatus. 2,391,580; Dec. 25.
MacLaren, Archibald H.: *See*—
Wexell, H. A., and MacLaren.
MacLaren, Fred B., Jr., U. S. Army, assignor to The Bristol Company, Waterbury, Conn. Control apparatus. 2,374,610; Apr. 24.
MacLaren, Frederick H.: *See*—
Adams, E. W., and MacLaren.
Peterson, H. R., and MacLaren.
Maclay, William D., and J. P. Nielsen, Berkeley, Calif., assignors to the United States of America, as represented by the Secretary of Agriculture. Extracting pectinous materials. 2,375,376; May 8.
MacLean-Fogg Lock Nut Company: *See*—
Doke, Ernest G., assignor.
MacLean, John A., Jr., assignor.
MacLean, John A., Jr., Winnetka, assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Bolt and mounting therefor. 2,383,068; Aug. 21.
MacLean, John A., Jr., Winnetka, assignor to MacLean-Fogg Lock Nut Company, Chicago, Ill. Floor clip. 2,383,808; Aug. 28.
MacLean, Kenneth G., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal oscillator and mounting. 2,370,979; Mar. 6.
MacLean, Kenneth G., Riverhead, N. Y., assignor to Radio Corporation of America. Crystal oscillator and mounting. 2,381,173; Aug. 7.
MacLean, Norman E., San Francisco, Calif. Air conditioner. 2,366,540; Jan. 2.
MacLeans Limited: *See*—
McGeorge, W., and Milner, assignors.
MacMahon, James D: *See*—
Dubeau, A. L., MacMahon, and Vincent.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Sheening pile fabrics. 2,369,398; Feb. 13.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent briquette. 2,382,163; Aug. 14.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent briquette. 3,382,164; Aug. 14.

MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent briquette. 2,382,165; Aug. 14.

MacMahon, James D., Niagara Falls, and L. D. Taylor, Lewiston, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Sheening pile fabrics. 2,369,399; Feb. 13.

MacMillan, Donald M., Macon, Ga. Recap mold. 2,372,216; Mar. 27.

MacMillan, Donald M., Macon, Ga. Recap mold. 2,372,217; Mar. 27.

MacMillin, Howard F.: *See*—
Flowers, P. E., Ernst, and MacMillin.

MacMillin, Howard F., Mount Gilead, Ohio., assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Continuous extrusion molding of plastics. 2,366,417; Jan. 2.

MacMillin, Howard F., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. High-frequency electrostatic heating of plastics. 2,386,966; Oct. 16.

MacNeil, Charles I., Glen Ridge, N. J., and F. C. Mock, assignors to Bendix Aviation Corporation, South Bend, Ind. Mixture control system. 2,389,797; Nov. 27.

MacNeil, Charles S. J., J. F. Haines, T. B. Martin, and K. L. Berninger, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Automatic regulator. 2,379,537; July 3.

MacNeill, Arden B.: *See*—
MacNeill, Harris L. and A. B.

MacNeill, Arden B., Waltham, Mass. Grinding machine. 2,386,742; Oct. 9.

MacNeill, Arden B., assignor, by mesne assignments, to H. H. and A. B. MacNeill, Waltham, Mass. High speed rotary cutting machine. 2,379,242; June 26.

MacNeill, Arden B., assignor to said A. B. MacNeill and H. H. MacNeill, Waltham, Mass., as joint tenants. Drilling machine. 2,388,362; Nov. 6.

MacNeill, Harris H., et al: *See*—
MacNeill, Arden B., assignor.

MacNeill, Harris L. and A. B., assignors to H. H. MacNeill, and A. B. MacNeill, Waltham, Mass. Turning machine controlled by the diameter of the work. 2,374,365; Apr. 24.

MacNeill, John B., A. J. A. Peterson, and W. T. Parker, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Automatic reclosing circuit breaker. 2,385,013; Sept. 18.

MacNeille, Stephen M., Oak Ridge, Tenn., and G. J. Koch, assignors to Eastman Kodak Company, Rochester, N. Y. Stereo trainer. 2,388,858; Nov. 13.

Macomber, James K., Rockville Centre, assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Rate determining mechanism. 2,389,861; Nov. 27.

MacPhail, Arthur A.: *See*—
McConica, T. H., III, MacPhail, and Kirk.

MacPheat, Alexander M., Brookfield, E. L. Moon, Western Springs, and E. Sirp, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Punch press mechanism. 2,390,600; Dec. 11.

MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Motor vehicle. 2,375,670; May 8.

MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Generator drive. 2,383,872; Aug. 28.

MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Vehicle drive mechanism. 2,383,873; Aug. 28.

MacRae, Walter S., Prescott, Ariz. Device for aligning glasses on a bar. 2,373,322; Apr. 10.

Macready, George A., Los Angeles, Calif. Process and apparatus for pressure core drilling. 2,373,323; Apr. 10.

MacWilliam, Wallace, Nutley, and K. Pape, Dover, assignors to Resistoflex Corporation, Belleville, N. J. Material feeding apparatus. 2,369,359; Feb. 13.

Macy, Claude W., Pasadena, Calif. Tire repairing device. 2,373,769; Apr. 17.

Madan, Philip K., assignor to Perfection Products Co., Inc., Mount Vernon, N. Y. Paper basket and container. 2,374,366; Apr. 24.

Madden, Charles L.: *See*—
Hersey, A. J., and Madden.

Madden, Clarence H., Hollis, Okla. Lifting jack adapter device. 2,369,789; Feb. 20.

Maddock, Alan J., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio frequency circuits. 2,369,589; Feb. 13.

Maddock, Alan J., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Antenna system. 2,383,730; Aug. 28.

Maddock, Bruce H., Fanwood, N. J., assignor to Carbide and Carbon Chemicals Corporation. Conductive plastic. 2,379,976; July 10.

Maddy, Charles C., Ottumwa, Iowa. Photographic printing mask. 2,381,831; Aug. 7.

Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Belt conveyer. 2,373,839; Apr. 17.

Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Car loading conveyer. 2,384,385; Sept. 4.

Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Combined impeller and closure. 2,383,001; Aug. 21.

Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Impeller and governor for same. 2,383,002; Aug. 21.

Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Forced ventilation apparatus. 2,383,003; Aug. 21.

Mader, Emil A., assignor to one-half to J. Spargo, Detroit, Mich. Combined impeller and closure. 2,383,004; Aug. 21.

Madger, Arthur W., Malden, England. Retaining means for badges, brooches, ornaments, bars for decorative ribbons, or the like. 2,388,427; Nov. 6.

Madigan, James F., Dayton, Ohio. Inkwell. 2,378,312; June 12.

Madine, John J., Sr., assignor to Ace Glass Incorporated, Vineland, N. J. Aspirator pump. 2,366,277; Jan. 2.

Madison, Ralph E., assignor to Truscon Laboratories, Inc., Detroit, Mich. Spraying apparatus. 2,367,594; Jan. 16.

Madison, Ralph E., Detroit, Mich., assignor to Truscon Laboratories, Inc. Metallic soap-resin solutions. 2,374,446; Apr. 24.

Madison, Ralph E., Detroit, Mich., assignor to Truscon Laboratories, Inc. Stable nonviscous metallic soap solutions. 2,374,447; Apr. 24.

Madland, Thorvald: *See*—
Beauchamp, W. A., and Madland.

Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lifting mechanism. 2,386,404; Oct. 9.

Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lift mechanism. 2,386,698; Oct. 9.

Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lifting mechanism. 2,387,161; Oct. 16.

Madsen, Carl J., Baltimore, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Feedback circuits. 2,372,101; Mar. 20.

Madsen, Carl J., Baltimore, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Transformer. 2,390,800; Dec. 11.

Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Adhesive tape dispensing device. 2,391,062; Dec. 18.

Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Hose coupling. 2,391,063; Dec. 18.

Madsen, Paul S., Bethany, and A. A. Arnold, Hamden, assignors to The Seamless Rubber Company, New Haven, Conn. Syringe. 2,378,718; June 19.

Madsen, Sern, assignor to Mattison Machine Works, Rockford, Ill. Machine tool. 2,376,929; May 29.

Magdeburger, Edward C., trustee: *See*—
Barrett, Charles G., assignor.

Magee, Robert B., Findlay, Ohio, assignor, by mesne assignments, to R. G. Le Tourneau, Inc., Stockton, Calif. Tractor mounted winch. 2,375,233; May 8.

Magid, Harry M., Chicago, Ill. Coated sheet product. 2,372,679; Apr. 3.

Magill, Warren C., Elmhurst, assignor to Sears, Roebuck and Co., Chicago, Ill. Heat insulating batt. 2,370,365; Feb. 27.

Magill-Weinsheimer Company: *See*—
Skogh, Clifford W., assignor.

Magin, Clifford T., Los Angeles, and L. C. Fetterly, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Treatment of alkyl phenols. 2,391,839; Dec. 25.

Magin, Jacob B., assignor to Art in Buttons, Incorporated. Rochester, N. Y. Press guard. 2,382,494; Aug. 14.

Magnani, Arthur: *See*—
Julian, P. L., Cole, Magnani, and Conde.

Magnavox Company, The: *See*—
Dempster, Burgess, assignor.
Koonz, J. C., and Quinnell, assignors.
Quinnell, L. E., and Koonz, assignors.
Quinnell, La V. E., and Koonz, assignors.
Severance, Ralph H., assignor.

Magnavox Company, Ltd., The: *See*—
Holden, Thomas W. W., assignor.

Magnenat, René P.: *See*—
Reibold, W. F., and Magnenat.

Magnesium Elektron Limited: *See*—
Allen, F. A., and Morgan, assignors.
Bushrod, C. J., assignor.
Bushrod, Charles J., assignor.
Emley, Edward F., assignor.

Magnet, Tillie, Cleveland Heights, Ohio. Trouser cuff measuring and marking appliance. 2,370,980; Mar. 6.

Magnetone Inc.: *See*—
Begun, Semi J., assignor.

Magnus Chemical Company, Inc.: *See*—
Zinty, Marcel J. A., assignor.

Magnus, Finn H., West Caldwell, N. J. Harmonica. 2,373,129; Apr. 10.

Magnus, Finn H., West Caldwell, assignor to International Plastic Harmonica Corporation, Newark, N. J. Chromatic harmonica. 2,384,758; Sept. 11.

Magnuson, Oscar E., Davenport, Iowa. Rattle. 2,386,561; Oct. 9.

Magnusson, Knut J., Princeton, N. J., assignor to Radio Corporation of America. Time-controlled radio program pre-selector. 2,389,990; Nov. 27.
Magrum, Gervase M., and B. E. O'Connor, Buffalo, N. Y., assignors to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber. 2,384,186; Sept. 4.
Maguire Industries, Incorporated: *See*—
Chodorow, Marvin, assignor.
Donnelly, John C., assignor.
Howe, Wilfred C., assignor.
Langstroth, Hail, assignor.
Ruger, William B., assignor.
Maguire, James B., Jenkintown, Pa., and D. F. Gould, Riverton, N. J., assignors to Allied Chemical & Dye Corporation, New York, N. Y. Sulphonation of benzene. 2,379,585; July 3.
Maguire, Milton J., South Hadley, Mass., assignor to Hercules Powder Company, Wilmington, Del. Frothing agent and production. 2,370,058; Feb. 20.
Maguth, M. J., & Son Machine Works: *See*—
Wanelik, John, assignor.
Mahaffey, Owen E., Memphis, Tenn. Guy line equipment for tents. 2,385,716; Sept. 25.
Mahan, John E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Isomerization of unsaturated nitriles. 2,384,630; Sept. 11.
Maher, Thomas C.: *See*—
Gerhardt, A. H., and Maher.
Maher, William A., Glencoe, Ill. Screen printing machine. 2,379,020; June 26.
Mahler, George T.: *See*—
Lentz, C. J., and Mahler.
Wagner, I. D., Fetterolf, Waring, and Mahler.
Mahlman, Osborne L.: *See*—
Robie, N. P., and Mahlman.
Tone, F. J., Mahlman, and Brown.
Mahlmeister, Louis J.: *See*—
Aller, W. F., and Mahlmeister.
Mahnke, Kurt, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,367,956; Jan. 23.
Mahnke, Kurt, Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Timing relay. 2,381,300; Aug. 7.
Mahnke, Kurt, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric controller. 2,372,102; Mar. 20.
Mahon, Florence C., New Bedford, Mass. Needle cushion. 2,372,442; Mar. 27.
Mahon, R. C. Company: *See*—
Bingman, Frederick P., assignor.
Zilliotto, Giovanni C., assignor.
Mahoney, Frank D., San Francisco, Calif. Hose coupling. 2,386,562; Oct. 9.
Mahoney, George P., Baltimore, Md. Nerve testing machine. 2,373,487; Apr. 10.
Mahoney, Harry P., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,386,130; Oct. 2.
Mahoney, John J., Jr., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Balanced cathode ray sweep circuit. 2,367,728; Jan. 23.
Mahoney, John R.: *See*—
Burgwin, S. L., Mahoney, and Bichsel.
Mahoney, Ruth M., Santa Monica, Calif. Maternity garment. Re. 22,665; Aug. 14.
Mahoning Mining Company: *See*—
Duncan, Walter E., assignor.
Maico Company, Incorporated, The: *See*—
Faltico, Frank J., assignor.
Maiden Form Brassiere Company, Inc.: *See*—
Bissett, Enid, assignor.
Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Blow out seal for well drilling rotaries. 2,390,601; Dec. 11.
Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Pump piston rod packing assembly. 2,390,602; Dec. 11.
Maier, Curtis E.: *See*—
O'Brien, F. J., and Maier.
Maier, Curtis E., S. L. Flugge, and E. C. Pfeffer, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Providing protective and decorative lacquers and coatings. 2,380,456; July 31.
Maier, John W., Bellingham, Wash. Floodlight bracket. 2,371,903; Mar. 20.
Maier, Karl, Troyes, France; vested in the Alien Property Custodian. Knitting machine. 2,374,294; Apr. 24.
Maier-Bode, Hans: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer.
Maillat, Gustave E., Voisins-le-Bretonneux Par Trappes, France; vested in the Alien Property Custodian. Portable stroboscopic device for checking electric meters. 2,371,904; Mar. 20.
Main, David W., Denver, Colo. Pitch control device for rotor blades. 2,389,798; Nov. 27.
Main, Donald W., assignor to Michigan Patents Corporation, Jackson, Mich. Self-sealing coupling. 2,391,022; Dec. 18.
Main, Donald W., and R. G. Cox, assignors to Michigan Patents Corporation, Jackson, Mich. Hose connector. 2,371,971; Mar. 20.
Maison France: *See*—
Mirsky, Sara, assignor.
Maitland, Cyril E., Harrow, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn. Electric condenser. 2,380,774; July 31.
Maiwald, Matthew, Panama, Iowa. Brake pedal lock release. 2,388,002; Oct. 30.
Maizewood Insulation Company: *See*—
Hauptli, Herbert A., assignor.
Majer, John R.: *See*—
Kendall, J. D., and Majer.
Kendall, J. D., Wood, and Majer.
Majestic Manufacturing Company: *See*—
Gardiner, Robert E., assignor.
Jones, Edwin A., assignor.
Majewski, Walter, Norwood Park, Ill. Toy machine gun. 2,371,249; Mar. 13.
Majneri, Ledwig A., Grosse Pointe, and W. A. Wiseman, assignors to The Warner Aircraft Corporation, Detroit, Mich. Brake system. 2,366,921; Jan. 9.
Major, Randolph T: *See*—
Folkers, K., and Major.
Major, Randolph T., Plainfield, N. J., and E. W. Cook, New York, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Fully acetylated sugar acids and their production. 2,368,557; Jan. 30.
Major, Randolph T., Mountainside, and H. T. Bonnett, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Preparing therapeutically active substances. 2,374,367; Apr. 24.
Majoros, Frank P: *See*—
Katz, J., and Majoros.
Makaroff, Gregory, Lanesboro, Mass. Hydraulic motor. 2,368,033; Jan. 23.
Makaroff, Vadim S., New York, N. Y. Airplane. 2,375,858; May 15.
Makaroff, Vadim S., and N. C. Artsay, New York, N. Y. Protecting ships against underwater explosion. 2,385,417; Sept. 25.
Makenny, William: *See*—
Whitmore, J. B., Makenny, and Newcombe.
Maker, Dewey L.: *See*—
Thoms, L., and Maker.
Makowsky, J., Corporation: *See*—
Van Rosen, Robert, assignor.
Makransky, Marvin: *See*—
Berman, Davis, assignor.
MaKrenos, Constantene G., San Diego, Calif. Automobile jack. 2,366,418; Jan. 2.
Malabar Machine Company: *See*—
Grime, Edward P., assignor.
Malatesta, John B., Jr., North Hollywood, Calif. Indicator. 2,382,495; Aug. 14.
Malcom, Frank, Compton, Calif. Nut holder for wrenches. 2,369,400; Feb. 13.
Malcolm, Messrs. R., Limited: *See*—
Lobelle, Marcel J. O., assignor.
Malcolm, R., Limited: *See*—
Lobelle, Macel J. O., assignor.
Malcom, Robert L.: *See*—
Whipple, W. A., and Malcom.
Malczewski, Jérémi, Lyon, France; vested in the Alien Property Custodian. Electrical connector. 2,369,590; Feb. 13.
Maldoff, Carl D., Outremont, Quebec, Canada. Figure molding foundation garment. 2,379,491; July 3.
Maldonado, Joseph, Los Angeles, Calif. Spool holder. 2,380,117; July 10.
Malek, Morris S., New York, N. Y. Flexible needle sewing machine. 2,379,733; July 3.
Maletta, Albert, Yakima, Wash. Sheet music turner. 2,391,175; Dec. 18.
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Packaging machine and method of packaging. 2,367,684; Jan. 23.
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine. 2,383,664; Aug. 28.
Malhiot, Eugene L., Maywood, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,367,513; Jan. 16.
Malicay, Leandro, Los Angeles, Calif. Cocoanut cutting machine. 2,373,584; Apr. 10.
Malicay, Leandro, Los Angeles, Calif. Plant support. 2,383,665; Aug. 28.
Malina, Arthur: *See*—
Charnas, B., and Malina.
Maling, Roy, West Roxbury, Mass. Footwear and making same. 2,386,809; Oct. 16.
Maling, Roy, West Roxbury, Mass. Footwear. 2,391,023; Dec. 18.
Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Steam joint. 2,366,541; Jan. 2.
Mall, Arthur W., Flossmoor, Ill. Chain saw machine. 2,370,556; Feb. 27.
Mallard, Logan L., Norfolk, Va. Freezing tray with drainage tap. 2,373,251; Apr. 10.
Mallard, Logan L., Norfolk, Va. Ice mold with spring tensioned diaphragm. 2,377,436; June 5.
Mallgraf, Ferdinand, Little Neck, N. Y. Nonmetallic ferrule for caps of containers. 2,390,721; Dec. 11.
Mallina, Rudolph F.: *See*—
Dunlap, K. S., Kelsell, Lovell, and Mallina.

Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,386,486; Oct. 9.
Mallinckrodt Chemical Works: *See*—
Stoughton, Roger W., assignor.
Wallingford, V. H., and Homeyer, assignors.
Mallinckrodt, Philip A., et al.: *See*—
Winter, Arthur C., assignor.
Malling, Alfred S., Hollywood, Calif. Stretcher accommodation means for vehicles or the like. 2,387,082; Oct. 16.
Mallmann, Walter L., East Lansing, and C. H. Kain, and R. J. Schaefer, assignors to Sanozone Corporation, Detroit, Mich. Apparatus and method for sanitizing. 2,388,753; Nov. 13.
Mallonee, James W., assignor of one-third to M. E. McKee, Joplin, Mo., and one-third to E. C. Drake, Lake Worth, Fla. Vault or safe. 2,378,492; June 19.
Mallory, Harry A., Saint John, New Brunswick, Canada. Sectional boat and making same. 2,389,799; Nov. 27.
Mallory, Marion, Detroit, Mich. Governor. 2,368,995; Feb. 6.
Mallory, Marion, Detroit, Mich. Ignition timing control means for internal-combustion engines. 2,376,973; May 29.
Mallory, Marion, Detroit, Mich. Governor for internal-combustion engines. 2,377,256; May 29.
Mallory, Marion, Detroit, Mich. Ignition timing control means for internal-combustion engines. 2,377,566; June 5.
Mallory, Marion, Detroit, Mich. Engine governor. 2,377,567; June 5.
Mallory, Marion, Detroit, Mich. Governor for internal-combustion engines. 2,381,131; Aug. 7.
Mallory, Marion, Detroit, Mich. Engine governor. 2,381,550; Aug. 7.
Mallory, Marion, Detroit, Mich. Ignition system for internal-combustion engines. 2,381,610; Aug. 7.
Mallory, Marion, Detroit, Mich. Combination governor and ignition system for internal-combustion engines. 2,381,611; Aug. 7.
Mallory, Marion, Detroit, Mich. Ignition timing control means for internal-combustion engines. 2,381,612; Aug. 7.
Mallory, Marion, Detroit, Mich. Governor for internal-combustion engines. 2,386,699; Oct. 9.
Mallory, Marion, Detroit, Mich. Degasser for internal-combustion engines. 2,390,603; Dec. 11.
Mallory, Marion, Detroit, Mich. Degasser for internal-combustion engines. 2,390,604; Dec. 11.
Mallory, Marion, Detroit, Mich. Internal-combustion engine. 2,391,176; Dec. 18.
Mallory, P. R., & Co., Inc.: *See*—
Burreson, Zina A. M., assignor.
Carlson, Chester F., assignor.
Carlson, C. F., Holt, and Huddleston, assignors.
Hall, Harry C., assignor.
Hensel, Franz R., assignor.
Hensel, F. R., Emmert, and Wiggs, assignors.
Hensel, F. R., and Larsen, assignors.
Kunz, Walden H., assignor.
Larsen, E. I., Heil, and Swazy, assignors.
Whitesell, Robert O., assignor.
Whitesell, R. O., and Freeman, assignors.
Malloy, John J., Cleveland Heights, Ohio, assignor to General Electric Company. Base for electric lamps or similar devices. 2,385,634; Sept. 25.
Malloy, Joseph P., Washington, Ind. Railroad car ventilator. 2,367,231; Jan. 16.
Malluk, Assad M., New York, N. Y. Tank lock. 2,375,671; May 8.
Malm, Carl J., and M. Salo, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing high butyryl cellulose esters stabilized against discoloration. 2,371,768; Mar. 20.
Malm, Carl J., and La M. D. Bearden, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of dicarboxylic acid esters of high polymer polyhydroxy compounds. 2,379,309; June 26.
Malm, Carl J., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose esters having a high propionyl or butyryl content. 2,379,310; June 26.
Malmberg, Carl G., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Gasketed joint. 2,384,386; Sept. 4.
Malmquist, Oscar V., Minneapolis, Minn. Power transmission mechanism. 2,384,110; Sept. 4.
Malmquist, Oscar V., Minneapolis, Minn. Gas torch lighter. 2,384,844; Sept. 18.
Malmqvist, Thure, Stockholm, Sweden. Nonskidding device. 2,383,267; Aug. 21.
Malmros, Gustav V. A.: *See*—
Daly, G. F., Malmros, and Phillips.
Malmström, Sven: *See*—
Helleberg, T., and Malmström.
Helleberg, T., and Malmström, assignors.
Malnar, Frank J., Euclid, Ohio. Electrode holder. 2,374,825; May 1.
Maloff, Ioury G., Camden, N. J. Precision measuring apparatus. 2,387,852; Oct. 30.
Malone, George, New York, N. Y., assignor to Radio Corporation of America. Signature keyer and operator's indicator. 2,375,672; May 8.
Malone, Homer E., assignor to Prefex Corporation, Milwaukee, Wis. Inclinometer. 2,366,346; Jan. 2.
Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Heat motor actuated device. 2,373,130; Apr. 10.
Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Control mechanism. 2,383,982; Sept. 4.
Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Stoker damper control. 2,385,822; Oct. 2.
Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Condition controller. 2,385,823; Oct. 2.
Malone, Homer E., and P. G. Frerer, assignors to Perfex Corporation, Milwaukee, Wis. Control apparatus. 2,375,234; May 8.
Malone, Homer F., assignor to Stewart-Warner Corporation, Chicago, Ill. Indicator. 2,368,313; Jan. 30.
Maloney, Frank H., Elmhurst, N. Y., assignor to Brass Goods Manufacturing Co., Brooklyn, N. Y. Press for drawing blanks. 2,369,064; Feb. 6.
Maloney, William J., assignor of one-half to W. F. Driscoll, Ansonia, Conn. Life saving apparatus. 2,368,558; Jan. 30.
Maloon, Earl B., Arcadia, and W. H. Yount, assignors to Southwest Welding & Mfg. Co., Alhambra, Calif. Bulldozer. 2,375,483; May 8.
Malott, William M., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Lubricating system. 2,385,522; Sept. 25.
Malsbary, Job F., assignor to Malsbary Manufacturing Company, Oakland, Calif., a co-partnership composed of Job F. Malsbary and Walter W. Tayler. Feed means for cleaning machines. 2,391,177; Dec. 18.
Malsbary Manufacturing Company: *See*—
Malsbary, Job F., assignor.
Malson, Parker E., East Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Disposal of refinery wastes. 2,367,172; Jan. 9.
Maltbie Chemical Company, The: *See*—
Walter, Lewis A., assignor.
Walter, L. A., and Goodson, assignors.
Maltby, Maurice E.: *See*—
Price, L. L., and Maltby, assignors.
Malthaner, William A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,388,488; Nov. 6.
Mamaroneck Chemical Corporation: *See*—
Treacy, Cyril S., assignor.
Manaster, Ben B., Chicago, Ill. Collar stay. Re. 22,698; Nov. 27.
Manaster, Ben B., assignor of one-half to C. I. Greener, Chicago, Ill. Collar stay. 2,371,338; Mar. 13.
Manchester, Frank H., assignor to Wingfoot Corporation, Akron, Ohio. Coated paper. 2,386,700; Oct. 9.
Manchester Repetition Engineers Limited: *See*—
Livingstone, Harry, assignor.
Manchey, Lessel L., Mount Vernon, and G. H. Schneller, Corona, assignors to Vick Chemical Company, New York, N. Y. Stabilized emulsions. 2,372,159; Mar. 20.
Mancia, Jacques, and G. Mégel, assignors of one-half to Usines Tornos Fabrique De Machines Moutier S. A., Moutier, Switzerland. Belt drive device. 2,384,759; Sept. 11.
Mancini, Joseph L., Baltimore, Md., assignor to General Motors Corporation, Detroit, Mich. Safety clip. 2,386,967; Oct. 16.
Mancini, Vincenzo, New York, N. Y. Bolt anchor. 2,373,585; Apr. 10.
Mandel, Jacob, New York, N. Y. Storage cabinet for phonograph records and the like. 2,370,252; Feb. 27.
Mandell, Irving F., New York, N. Y. Closure setting mechanism for containers. 2,372,385; Mar. 27.
Manderfeld, Emanuel C., Berkeley, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound film reproducing system. 2,373,840; Apr. 17.
Mandeville, Burton C.: *See*—
Randall, Robert M., and Mandeville.
Mandin, Sven G. A., Norrkoping, Sweden. Cutting off towing cables and the like. 2,389,376; Nov. 20.
Mandl, Siegmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Pipe bender. 2,375,310; May 8.
Mandleberg, J., & Company Limited: *See*—
Lloyd, Joseph, assignor.
Maney, George A., Evanston, Ill. Bridge and hanger system. 2,380,183; July 10.
Maney, Paul V: *See*—
Kuever, R. A., and Maney.
Mangini, Nicholas, Waterbury, Conn. Spoon holder. 2,371,537; Mar. 13.
Manhattan Shirt Company, The: *See*—
La France, Albert, assignor.
Manheim, Lyndon W., Jr.: *See*—
Manheim, Lyndon W., Sr., assignor.
Manheim, Lyndon W., Sr., Greensboro, assignor of one-half to L. W. Manheim, Jr., Gastonia, N. C. Wheel mounting for aircraft. 2,389,525; Nov. 20.
Manka, Louis J., Fort Madison, Iowa. Car coupler. 2,377,257; May 29.
Mankouski, Charles, Portland, Oreg. Fluid dispensing device. 2,385,418; Sept. 25.
Manley, William O., North Kansas City, Mo., assignor to Western Laundry Machinery Company. Flat work ironer. 2,375,426; May 8.

Manly Corporation: *See*—
Kendrick, C. M., assignor.
Kendrick, Charles M., assignor.
Mann, Carl P.: *See*—
Hess, F. O., and Mann.
Mann, Cecil A., Dayton, Ohio., assignor to General Motors Corporation, Detroit, Mich. Making iron oxide. 2,391,723; Dec. 25.
Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Pumping apparatus. 2,375,571; May 8.
Mann, Joseph, Philadelphia, Pa., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,381,977; Aug. 14.
Mann, Julius W., and G. F. Russell, Tacoma, Wash. Variable grid circuit. 2,382,435; Aug. 14.
Mann, Miles H., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,370,478; Feb. 27.
Mann, Oswald W., Toronto, Ontario, Canada. Convertible settee. 2,377,958; June 12.
Mann, Richard L., U. S. Navy. Breastplate black-out lantern. 2,373,131; Apr. 10.
Mann, Sydney, Narberth, assignor to The Atlantic Refining Company, Philadelphia, Pa. Alkylation of aromatic hydrocarbons. 2,390,953; Dec. 11.
Mannes, Leopold D., New York, N. Y., and L. Godowsky, Jr., Westport, Conn., assignors to Eastman Kodak Company, Rochester, N. Y. Mixed grain emulsions. 2,388,859; Nov. 13.
Manney, Charles J., Kenmore, and H. D. Moore, Buffalo, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N Y. Motor control for electric hoists. 2.386,487; Oct. 9.
Manning, Bowman & Co.: *See*—
Heinrich, George C., assignor.
Manning, Clarence R.: *See*—
Rubidge, D. W., Manning, Hood, and Greene.
Manning, Harry D., Kalamazoo, Mich. Work-holding device. 2,372,727; Apr. 3.
Manning, Joseph F.: *See*—
Teppema, J., and Manning.
Manning, Lucius B., assignor to Thermek Corporation, Chicago, Ill. Making heat exchangers. 2,378,646; June 19.
Manning, Maxwell & Moore, Inc.: *See*—
Acker, Albert J., assignor.
Allen, Earle F., assignor.
Brandstrom, Fred, assignor.
Brongersma, Cornelius, assignor.
Conrad, Albert G., assignor.
Hammond, E. H., and Grauel, assignors.
Hiller, Fritz E., assignor.
Kahn, Samuel, assignor.
Moore, H. S., and Whelan, assignors.
Smith, Ralph E., assignor.
Tinker, Walter H., assignor.
Zapf, Norman F., assignor.
Manning, Maxwell & Moore, Incorporated: *See*—
Ingham, Robert J., Jr., assignor.
Manning, Paul D. V., Berkeley Woods, and E. Trone, assignors to Golden State Company, Ltd., San Francisco, Calif. Vitamin product and manufacture. 2,379,586; July 3.
Manning, Richard C., San Gabriel, Calif. Lock nut. 2,389,377; Nov. 20.
Mannino, Philip, Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Sheet holder and position indicator. 2,375,427; May 8.
Mannion, John F., trustee, et al.: *See*—
Schmitt, Arthur J., assignor.
Manny, Raymond A., New York, N. Y. Brush holder. 2,382,894; Aug. 14.
Mansell, Stanley W.: *See*—
Fedden, A. H. R., Owner, Thomas, and Mansell.
Man-Sew Pinking Attachment Corp: *See*—
Cosentino, Joseph, assignor.
Schlesinger, Jacob, assignor.
Sigoda, Victor J., assignor.
Mansfield, Auby J., Seattle, Wash. Harvesting appliance. 2.376,440; May 22.
Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Machine tool. 2,367,414; Jan. 16.
Mansfield Tire and Rubber Company, The: *See*—
Krusemark, Frederick A., assignor.
Mansfield, William R.: *See*—
Boughton, W. A., Mansfield, and Hughes assignors.
Mansoff, Arthur P., Dauphin, Manitoba, Canada. Internal-combustion engine. 2,381,832; Aug. 7.
Manson, Finley J., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Collapsible form. 2,367,831; Jan. 23.
Manson, Frank G., Chicago, Ill., and J. J. Maskey, Dayton, Ohio. Aerial delivery container. 2,366,741; Jan. 9.
Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Stabilizing retarder for bombs. 2,368,258; Jan. 30.
Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Automatic release aerial delivery container. 2,371,640; Mar. 20.
Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Pneumatic mattress. 2,372,218; Mar. 27.
Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Parachute canopy. 2,384,187; Sept. 4.
Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Airplane troop launching means. 2,389,160; Nov. 20.
Manthey, Arthur E.: *See*—
Grinde, J. M., and Manthey.
Mantle, Burr W., Pittsford, N. Y., assignor to American Brake Shoe Company. Making bearings. 2,371,399; Mar. 13.
Mantle, Burr W., Pittsford, N. Y., assignor to American Brake Shoe Company. Bearing construction. 2,371,400; Mar. 13.
Mantle Lamp Company of America, The: *See*—
Baker, R., and Davis, assignors.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety device. 2,372,506; Mar. 27.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermostat, safety pilot, and limit control. 2,383,401; Aug. 21.
Manufacturers Specialty Company: *See*—
Koch, Henry C., assignor.
Manville Jenckes Corporation: *See*—
Lafond, Willie L., assignor.
Manzini, Giuseppe: *See*—
Cucchi, A., and Manzini.
Mapes, Daniel, Rutherford, assignor to Specialties Development Corporation, Bloomfield, N. J. Container for high-pressure fluids. 2,370,677; Mar. 6.
Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Method of and apparatus for winding wire on a body of revolution. 2,371,107; Mar. 6.
Mapes, Daniel, West Caldwell, assignor to Specialties Development Corporation, Bloomfield, N. J. Making containers. 2,386,246; Oct. 9.
Maple, Frank E.: *See*—
Stengel, L. A., and Maple.
Maple, Ralph L.: *See*—
Barnum, L. N., Donnelly, and Maple.
Marancik, Joseph V., Roselle, and H. Z. Martin, Elizabeth, N. J., assignors to Standard Oil Development Company. Cracking of hydrocarbon oils. 2,385,216; Sept. 18.
Marasco, Harold E., Swampscott, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Attaching soles to shoes. 2,385,523; Sept. 25.
Marathon Corporation: *See*—
Bailar, Charles O., assignor.
Fischer, Paul E., assignor.
Harmon, Carlyle, assignor.
Krueger, Archie S., assignor.
Orsino, J. A., and (Harmon, assignor).
Siewert, Edwin C., assignor.
Wagner, Charley L., assignor.
Marble, Frank G., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reactance tube circuit. 2,382,436; Aug. 14.
Marble, George E., assignor to Curtis & Marble Machine Company, Worcester, Mass. Cutter shifting apparatus for cloth shears. 2,389,800; Nov. 27.
Marble, Jarvis C., et al.: *See*—
Lysholm, Alf, assignor.
Marble, Jarvis C., et al., trustees: *See*—
Lysholm, Alf, assignor.
Marblehead Lime Company.: *See*—
Wing, Wallace E., assignor.
Marburg, Francis, St. Petersburg, Fla. Supercharged compression-ignition internal-combustion power unit. 2,376,160; May 15.
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,388,639; Nov. 6.
Marc, Henri M., Cincinnati, Ohio, assignor to The Philip Carey Manufacturing Company. Coated cement product and the manufacture thereof. 2,372,284; Mar. 27.
Marc, Henri M., Cincinnati, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Silicate coated article and making same. 2,372,285; Mar. 27.
Marchado, Eugenie, New York, N. Y. Leg marking device. 2,370,557; Feb. 27.
Marchak, Solomon, New York, N. Y. Locomotive. 2,379,021; June 26.
Marchand, Adolph, Jackson Heights, N. Y. Cabinet door fixture. 2,381,132; Aug. 7.
Marchand, Adolph, Jackson Heights, N. Y. Mirror retaining means. 2,383,809; Aug. 28.
Marchant Calculating Machine Company: *See*—
Avery, Harold T., assignor.
Avery, H. T., and Lassagne, assignors.
Boyden, Robert E., assignor.
Dustin, Howard M., assignor.
Dustin, H. M., and Avery, assignors.
Mathi, Walter E., assignor.
Marchant, Guy O., et al.: *See*—
Walker, Jay P., assignor.
Marchant, Lee L., Takoma Park, assignor to Engineering and Research Corporation, Riverdale, Md. Punch set for punching and riveting machines. 2,379,367; June 26.
Marchment, William T.: *See*—
Porteous, W. K., and Marchment, assignors.
Marcleph & Co. Inc.: *See*—
Goodman, Leo A., assignor.
Marco Chemicals, Inc.: *See*—
Shobert, Samuel M., assignor.

Marco, Salvatore M., assignor to The Ohio State University Research Foundation, Columbus, Ohio. Variable speed transmission. 2,387,401; Oct. 23.
Marconi's Wireless Telegraph Co., Ltd.: *See*—
Banks, George B., assignor.
Fortescue, Richard L., assignor.
Green, Ernest, assignor.
Marcovitch, Simon, assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Insecticide. 2,377,798; June 5.
Marcus, Benjamin H., Brooklyn, N. Y. Window construction. 2,385,148; Sept. 18.
Marcy, Gerald P., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,375,859; May 15.
Marcy, Gerald P., Longmeadow, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,382,733; Aug. 14.
Marcy, Grosvenor D., Newton Highlands, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Making molds. 2,385,456; Sept. 25.
Marcy, John P., Oak Ridge, Tenn. Motor vehicle. 2,383,611; Aug. 28.
Marden, John W., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High temperature lamp. 2,367,595; Jan. 16.
Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Incandescent electric lamp. 2,369,591; Feb. 13.
Marek, Charles, Piru, Calif. Orchard cover crop implement. 2,370,981; Mar. 6.
Mares, Joseph R., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Nitration of aromatic compounds. 2,370,558; Feb. 27.
Marful Specialties Incorporated: *See*—
Langdon, Samuel W., assignor.
Margis, John, Jr., Franksville, Wis. Brake for fishing reels. 2,374,551; Apr. 24.
Margolin, Meyer, Elgin, Ill. Insole-insert combination. 2,384,481; Sept. 11.
Margolin, Nathan G., and E. M. Anderson, Brooklyn, N. Y., assignors of one-half to N. L. Dahlander, New Milford, Pa., and one-half to R. J. Earl, New Canaan, Conn. Debarkation ladder. 2,385,824; Oct. 2.
Margulies, Paul H.: *See*—
Kauffmann, H. O., and Margulies.
Mariani Piazza, Jose L., Seville, Spain. Coloring photographs or the like. 2,369,476; Feb. 13.
Marienthal, Heidi, New York, N. Y. Hatbox. 2,374,160; Apr. 17.
Marine Iron & Ship Building Company: *See*—
Laughton, George W., Jr., assignor.
Marine Magnesium Products Corporation: *See*—
Gloss, Gunter H., assignor.
Hansgirg, Fritz J., assignor.
Marine Optical Mfg. Co.: *See*—
Ditto, Eugene D., assignor.
Ditto, Hugo M., assignor.
Marto, Nicholas R., assignor.
Marine Salvage & Equipment, Inc.: *See*—
Zoll, Carl M., assignor.
Marinetti, Edward G., East Providence, R. I. Safety clasp pin. 2,373,586; Apr. 10.
Marinetti, Edward G.: *See*—
McGrory, W. L., Pemberton, and Marinetti.
Marini, Mario F., Swedesboro, N. J. Countersinking tool. 2,374,552; Apr. 24.
Mariño, Luis F., Vigo, Spain. Nonrefillable container. 2,366,864; Jan. 9.
Marino, Nick, Washington, D. C. Tile flooring. 2,371,058; Mar. 6.
Marinsky, Davis: *See*—
Morin, Louis H., assignor.
Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Conditioning wound strand bodies. 2,369,155; Feb. 13.
Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Treating bobbins. 2,369,592; Feb. 13.
Marinsky, Isaac, Providence, R. I. Slide fastener construction. 2,370,059; Feb. 20.
Marion Electrical Instrument Co.: *See*—
Ammon, Rosco A., assignor.
Maris, Harry B.: *See*—
Plum, J., and Maris.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Contacting process. 2,384,942; Sept. 18.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Conversion of hydrocarbons. 2,384,943; Sept. 18.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Manufacture of catalyst. 2,384,944; Sept. 18.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Spheroidal gel particles. 2,384,945; Sept. 18.
Marisic, Milton M., Northfield, Ill., assignor to Socony-Vacuum Oil Company, Incorporated. Hydrogel pellets. 2,384,946; Sept. 18.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Gel pellets. 2,385,217; Sept. 18.
Marisic, Milton M., and S. Dray, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Gels comprising silica. 2,386,810; Oct. 16.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Conducting catalytic reactions. 2,387,454; Oct. 23.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion of hydrocarbons and catalyst therefor. 2,387,596; Oct. 23.
Marisic, Milton M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion system. 2,389,378; Nov. 20.
Mark, Herman F., and S. Siggia, Brooklyn, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters of carboxycellulose. 2,379,917; July 10.
Mark, Louis C., Cranston, R. I. Earring. 2,391,635; Dec. 25.
Markel, Jesse L., et al.: *See*—
Litton, Charles V., assignor.
Markel, John M., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Harrow. 2,390,954; Dec. 11.
Marker, Albert L.: *See*—
Metheny, C. E., and Marker.
Marker, Russell E., State College, Pa., and E. J. Lawson, assignors to Parke Davis & Company, Detroit, Mich. Keto-steroids and obtaining same. 2,366,204; Jan. 2.
Marker, Russell E., State College, Pa., and H. M. Crooks, Jr., assignors to Parke, Davis & Company, Detroit, Mich. Halosteroids and preparation of the same. 2,369,065; Feb. 6.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sapogenin derivatives and preparation of the same. 2,373,133; Apr. 10.
Marker, Russell E., State College, Pa., and E. L. Wittle, assignors to Parke, Davis & Company, Detroit, Mich. Steroidal acid compounds and obtaining the same. 2,376,708; May 22.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Sapogenin oxidation products and preparing the same. 2,377,507; June 5.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Cushion mount for cowl and manifold supporting means. 2,370,559; Feb. 27.
Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Fire control. 2,388,489; Nov. 6.
Markey, Roscoe I., Montclair, assignor to Pollak Manufacturing Company, Arlington, N. J. Joint for exhaust manifold systems. 2,390,801; Dec. 11.
Markham, Edwin A., Gulfport, Fla. Irrigation appliance. 2,375,860; May 15.
Markle, George B., Jr., assignor to Freeland Spool and Bobbin Corp., Hazleton, Pa. Releasing tube adapter for supporting tubes or the like. 2,381,301; Aug. 7.
Markley, Edward H.: *See*—
Doyle, F. B., Markley, and Plummer.
Markowski, Walter T., Camden, N. J., assignor to Radio Corporation of America. Article storing album. 2,384,633; Sept. 11.
Marks, Barnard M.: *See*—
Coffman, R. T., and Marks.
Fielitz, F. J., and Marks.
Leary, R. E., and Marks.
Marks, Barnard M., Newark, N. J., and C. E. Ranck, Philadelphia, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cast sheets. 2,369,593; Feb. 13.
Marks, Barnard M., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cast methyl methacrylate sheets. 2,373,488; Apr. 10.
Marks, Barnard M., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of alkyl methacrylate monomers. 2,377,952; June 12.
Marks, Barnard M., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of ethenoid monomers. 2,383,069; Aug. 21.
Marks, Emanuel S., et al., trustee: *See*—
Edwards, Howard C., assignor.
Marks, Henry C., Bloomfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Chlorine detection by electrode depolarization. 2,370,871; Mar. 6.
Marks, Henry C., Bloomfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Electrical determination or control of chlorine in liquids. 2,382,734; Aug. 14.
Marks, Henry C., Bloomfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Electrical cell apparatus. 2,382,735; Aug. 14.
Marks, Isidore, Boston, Mass. Making skis. 2,371,305; Mar. 13.
Marks, Louise E., et al.: *See*—
Edwards, Howard C., assignor.
Marks Products Co. Inc.: *See*—
Grohsgal, Alexis C., assignor.
Marks, William S., Jr., Long Branch, N. J. Frequency control system. 2,383,005; Aug. 21.
Markstrum, John A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Surface broach. 2,390,722; Dec. 11.

Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Thread grinder. 2,388,064; Oct. 30.
Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dresser compensating mechanism for grinding machines. 2,388,065; Oct. 30.
Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dresser compensating mechanism for grinding machines. 2,388,066; Oct. 30.
Markus, August F., assignor to Ex-Cell-O Corporation, Detroit, Mich. Dresser compensating mechanism for grinding machines. 2,388,067; Oct. 30.
Markuson, Arthur C., San Francisco, Calif. Corner construction and finishing bead for walls. 2,391,581; Dec. 25.
Markwart, Earl H., Sacramento, Calif. Water lock. 2,371,339; Mar. 13.
Markwart, Earl H., and A. L. Cannon; said Cannon assignor to said Markwart, doing busihess as Yuba Tank & Steel Co., Sacramento, Calif. Pump control and the like. 2,381,221; Aug. 7.
Markwood, Paul W.: *See*—
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood ,assignors.
Markwood, Paul W., assignor to American Enka Corporation, Enka, N. C. Unwinding yarn. 2,377,799; June 5.
Marlin Firearms Company, The: *See*—
Jenkinson, Robert L., assignor.
Marlman, Ethel P., assignor to The Humane Coyote Getter Inc., Las Animas, Colo. Poison mixtures for trap gun cartridges. 2,368,368; Jan. 30.
Marmon-Herrington Company, Inc.: *See*—
Cost, William A., assignor.
Oldfield, Lee, assignor.
Marmont, George H., assignor to Bendix Aviation Corporation, Detroit, Mich. Ignition system. 2,390,842; Dec. 11.
Marner, Charles L., assignor to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Pressure storage tank. 2,376,263; May 15.
Marohl, Lillian L., St. Paul, Minn. Cover lock for cans. 2,382,083; Aug. 14.
Marohl, Lillian L., St. Paul, Minn. Perfume dispensing container. 2,385,098; Sept. 18.
Maroney, Mary W., executrix: *See*—
Maroney, Thomas A.
Maroney, Thomas A., Cedar Grove, assignor of three-twentieths to S. Cohen, three-twentieths to M. Cohen, three-twentieths to L. Cohen, and two-twentieths to H. F. Taylor, Charleston, W. Va.; M. W. Maroney, executrix of said T. A. Maroney, deceased. Centrifugal or rotary pump. 2,371,250; Mar. 13.
Marple, Kenneth E., Oakland, and B. Borders, assignors to Shell Development Company, San Francisco, Calif. Stabilization of unsaturated nitriles. 2,375,015; May 1.
Marple, Kenneth E., T. W. Evans, Oakland, and B. Borders, assignors to Shell Development Company, San Francisco, Calif. Manufacture of nitriles. 2,375,016; May 1.
Marple, Kenneth E., Oakland, assignor to Shell Development Company, San Francisco, Calif. Ethers of cyclic ketals. 2,377,568; June 5.
Marple, Kenneth E., Oakland, assignor to Shell Development Company, San Francisco, Calif. Synthetic rubber compositions. 2,380,184; July 10.
Marple, Kenneth E., E. C. Shokal, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of hydroxy ethers. 2,380,185; July 10.
Marple, Kenneth E., Oakland, assignor to Shell Development Company, San Francisco, Calif. Regulating polymerization of polymerizable mixtures containing conjugated diene hydrocarbons and products obtainable thereby. 2,388,167; Oct. 30.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Lock. 2,374,223; Apr. 24.
Marquardt, Frank C., Bronx, assignor to American Bank Note Company, New York, N. Y. Printing machine. 2,380,322; July 10.
Marquet, Georges, Lyon, France; vested in the Alien Property Custodian. Dead-centerless crank gear. 2,391,725; Dec. 25.
Marquet, Georges: *See*—
Verots, P., and Marquet.
Marquette Metal Products Company, The: *See*—
Brooksieker, H. H., and Thyreen, assignors.
Carey, Leroy J., assignor.
Sacchini, Columbus R., assignor.
Sacchini, C. R., and Vandervoort, assignors.
Marquis, Harry G., et al.: *See*—
Bushnell, Elizabeth W., assignor.
Marr, Arthur P.: *See*—
Frank, J., and Marr.
Marr, George M., Woodhaven, N. Y. Buoyant safety light. 2,369,971; Feb. 20.
Marr, George M., New York, N. Y. Buoyant safety light. 2,389,266; Nov. 20.
Marra, Daniel A., Cheswick, Pa. Blowpipe tip and production. 2,368,716; Feb. 6.
Marra, Daniel A., Cheswick, Pa. Cutting torch. 2,371,970; Mar. 20.
Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 2,375,017; May 1.
Marrow, Alfred J., University Place, N. Y., and H. L. Green, Marion, Va., assignors to Harwood Manufacturing Corporation, New York, N. Y. Garment. 2,371,584; Mar. 13.
Mars, Nick, Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Calibrating tool. 2,390,802; Dec. 11.
Marsack Patents Corporation: *See*—
Marsack, Sam, assignor.
Marsack, Sam, assignor to Marsack Patents Corporation, Milwaukee, Wis. Mattress construction. 2,382,496; Aug. 14.
Marsan, Charles R., assignor of one-half to S. Lomax, New York, N. Y. Hospital bed. 2,384,325; Sept. 4.
Marschner, Charles F., Normandy, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Compression mold. 2,368,717; Feb. 6.
Marschner, Charles F., Normandy, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Process and apparatus for manufacturing plastic articles. 2,390,803; Dec. 11.
Marschner, Charles F., Normandy, Mo., and E. W. Bryan, Arcadia, Calif., assignors to McDonnell Aircraft Corporation, St. Louis, Mo. Manufacturing molded plastic die members with electric heating elements embodied therein. 2,391,432; Dec. 25.
Marsden, James, Schenectady, N. Y., assignor to General Electric Company. Making silicone resins. 2,390,378; Dec. 4.
Marsden, James: *See*—
Wright, J. G. E., and Marsden.
Marselus, William, Sandwich, Ill. Filter. 2,367,794; Jan. 23.
Marsh, Arthur J., Wellesley, Mass. Teaching device. 2,385,093; Sept. 18.
Marsh, Cyril, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Fuel dispensing system. 2,375,428; May 8.
Marsh, Gerald M., El Cerrito, Calif. Safety ladder. 2,368,081; Jan. 23.
Marsh, Henry R: *See*—
Gwaltney, E. C., and Marsh.
Marsh, John L., North Tonawanda, N. Y. Swaging machine. 2,372,507; Mar. 27.
Marsh, John W., U. S. Army, Washington, D. C. Pressure gauge. 2,370,678; Mar. 6.
Marsh, John W., Alexandria, Va. Power-transmitting mechanism. 2,377,350; June 5.
Marsh, Nat H., Baytown, Tex., assignor to Standard Oil Development Company. Preparation of diolefins. 2,389,205; Nov. 20.
Marsh Wall Products, Incorporated: *See*—
Robinson, J., Jr., and Seibert, assignors.
Marsh, Walter H.: *See*—
Thoresen, Einar and Marsh.
Marshall, Charles O., and L. S. Williams, assignors to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,370,982; Mar. 6.
Marshall, Charles O., assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,380,364; July 10.
Marshall, Claire A.: *See*—
Hull, D. C., and Marshall.
Marshall, Courtenay D., and C. O. Buttrill, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Cooling system. 2,389,106; Nov. 13.
Marshall, Frederick G., Leamington Spa, assignor to Constant Speed Airscrews Limited, Warwick, England. Spinner. 2,375,673; May 8.
Marshall, Henry T.: *See*—
Lawrence, Robert H., assignor.
Marshall, Jerry R.: *See*—
Bennett, H. T., and Marshall.
Marshall, John J., Ashland, Wis. Cradle rocking toy. 2,385,872; Oct. 2.
Marshall, Joseph C., Baldwin, and H. F. May, Valley Stream, assignors to The Teleregister Corporation, New York, N. Y. Communication and posting system. 2,391,469; Dec. 25.
Marshall, Joseph C.: *See*—
May, H. F., and Marshall.
Marshall, Leland S., Dayton, Ohio. Testing apparatus for Link trainer recorders. 2,383,006; Aug. 21.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,377,841; June 5.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,377,842; June 5.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,386,247; Oct. 9.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,391,253; Dec. 18.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,391,254; Dec. 18.
Marshall, Morris D., Arlington, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,391,255; Dec. 18.
Marshall, Robert W., Santa Clara, Calif. Toy gun. 2,383,939; Sept. 4.

Marshall, Roscoe W., Brunswick, Ga. Suspended building construction. 2,386,622; Oct. 9.
Marshall, William A., Jr., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Altitude compensator. 2,381,358; Aug. 7.
Marshall, William E.: *See*—
Finkbone, B. P., and Marshall.
Marshall, William L., Limited: *See*—
Smith, John H., assignor.
Marsilius, Newman M., Trumbull, Conn. Work support. 2,370,366; Feb. 27.
Marsilius, Newman M., Trumbull, Conn. Machine index. 2,370,367; Feb. 27.
Marsilius, Newman M., Trumbull, Conn. Clamping fixture. 2,380,661; July 31.
Marsilius, Newman M., Bridgeport, Conn. Milling machine. 2,380,859; July 31.
Marson, Harry W., Middletown, Conn., assignor to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of 4-amino-1,2,4-triazole and their production. 2,367,037; Jan. 9.
Marten-Gwilliam, Vivian C. E.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.
Martin, Charles A., Buffalo N, Y.. Portable sawing machine. 2,371,401; Mar. 13.
Martin, Charles A., Chicago, Ill. Valve. 2,373,324; Apr. 10.
Martin, Charles A., and J. F. Farris, Nashville, Tenn. Furnace door. 2,374,611; Apr. 24.
Martin, Charles A., Buffalo, N. Y. Machine for cutting articles. 2,377,437; June 5.
Martin, Charles C., Cleveland Heights, assignor to David Round & Son, Garfield Heights, Ohio. Safety lowering and control mechanism for winches and the like. 2,390,891; Dec. 11.
Martin, Charles E., Minneapolis, Minn. Garment. 2,368,034; Jan. 23.
Martin, Charles L., Overland, assignor to Carter Carburetor Corporation, St. Louis, Mo. Snap action device. 2,387,402; Oct. 23.
Martin, Clifford M., Denver, Colo. Stretching table. 2,385,998; Oct. 2.
Martin, Earnest E., Redondo, assignor to Ralph Walsh, Los Angeles, Calif. Spray control valve. 2,391,582; Dec. 25.
Martin, Earnest E., Redondo, assignor to Ralph Walsh, Los Angeles, Calif. Valve device. 2,391,583; Dec. 25.
Martin, Edward W., Roxbury, Conn. Wall plate. 2,390,379; Dec. 4.
Martin, Edwin D., assignor to Inland Steel Company, Chicago, Ill. Apparatus for electroplating. 2,382,018; Aug. 14.
Martin, Elmore L., Wilmington, Del. Melt extruding synthetic polymers. 2,367,173; Jan. 9.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polyamides. 2,389,628; Nov. 27.
Martin, Eric L., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Aircraft landing gear. 2,371,699; Mar. 20.
Martin, Erle: *See*—
Caldwell, F. W., and Martin.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller with extended drive. 2,371,873; Mar. 20.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Power plant control means. 2,391,323; Dec. 18.
Martin, Frank S., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Manufacturing cut seamed articles. 2,379,311; June 26.
Martin, Frederick H., Belmont, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Rubber boot. 2,377,022; May 29.
Martin, Friedrich, Oberhausen, and H. Tramm, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Production of liquid fuel. 2,368,939; Feb. 6.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. New plastic compositions and making same. 2,375,572; May 8.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Compositions from vulcanizable gums and making same. 2,376,264; May 15.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. New thermoplastic compositions and making same. 2,382,497; Aug. 14.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Making thermoplastic compositions and products obtained thereby. 2,386.968; Oct. 16.
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Making thermoplastic compositions and products obtained thereby. 2,387,521; Oct. 23.
Martin, Glenn L., Company, The: *See*—
Benckert, Willis J., assignor.
Clark, John R., assignor.
Czapiewski, Frank, assignor.
Ebel, W. K., and Pepersack, assignors.
Elliott, Daniel S., assignor.
Fisher, Clarence E., assignor.
Gray, Reid B., assignor.
Hicks, Tip A., Sr., assignor.
Martin, Glenn L., Company, The: *See*—Continued
Klemm, H. G., and Niles, assignors.
Klopp, H. H., Koscera, and Finke, assignors.
Knochel, E. S., and Pasela, assignors.
Kupiec, H. P., and Stewart, assignors.
Miller, Leslie T., assignor.
Morgan, Robert C., assignor.
Palmer, J. A., and Bell, assignors.
Rast, W. L., and Musser, assignors.
Rhodes, Murray B., assignor.
Towner, George F., assignor.
Turnbull, William J., assignor.
Welden, George R., assignor.
Yerger, Leonard K., Jr., assignor.
Martin, Gustav J., Elmhurst, and M. R. Thompson, Great Neck, assignors to William R. Warner & Company, Inc., New York, N. Y. Detoxicant. 2,366,742; Jan. 9.
Martin, Gustav J., Elmhurst, and M. R. Thompson, Great Neck, assignors to W. R. Warner & Company, Inc., New York, N. Y. Sulphapyridine composition of low toxicity. 2,376,795; May 22.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,374,028; Apr. 17.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,376,441; May 22.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,386,701; Oct. 9.
Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Dynamometer. 2,391,024; Dec. 18.
Martin, Harold W.: *See*—
Goodwin, C. W., and Martin.
Martin, Harold W., Malverne, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Adhesive applying machine. 2,376,069; May 15.
Martin, Harold W., Malverne, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Die. 2,377,351; June 5.
Martin, Harry C., and F. A. Upper, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles. 2,371,700; Mar. 20.
Martin, Henry, R. Hirt, and A. Staub, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. Sulphanilyl carbamic acid derivatives and their manufacture. 2,371,178; Mar. 13.
Martin, Henry, Basel, H. H. Zaeslin, Riehen, and R. Hirt, C. Glatthaar, and A. Staub, assignors to J. R. Geigy A. G., Basel, Switzerland. Halogen substituted acylamino sulphonic acids of the aromatic series and their manufacture. 2,376,930; May 29.
Martin, Henry, R. Hirt, and O. Neracher, assignors to the Swiss firm of J. R. Geigy A. G., Basel, Switzerland. P-aminobenzenesulphonamides and their manufacture. 2,383,874; Aug. 28.
Martin, Homer Z.: *See*—
Campbell, D. L., and Martin.
Marancik, J. V., and Martin.
Martin, Homer Z., Cranford, N. J., assignor to Standard Oil Development Company. Treatment of gases. 2,379,734; July 3.
Martin-Hurst, William F. F., Sunbury-on-Thames, England. Electrical relay device. 2,373,587; Apr. 10.
Martin, J. F., et al.: *See*—
Overbey, Herman T., assignor.
Martin, James, Higher Denham, near Uxbridge, England. Mounting for machine guns or small cannon for airplanes. 2,372,728; Apr. 3.
Martin, James, Higher Denham, near Uxbridge, England. Trimmer tab control for airplanes. 2,379,977; July 10.
Martin, James, Higher Denham, near Uxbridge, England. Hinge pin, retainer pin, and the like provided with self-locking means. 2,382,166; Aug. 14.
Martin, James, Higher Denham, near Uxbridge, England. Mounting of small cannon in the wings and the like of aircraft. 2,382,325; Aug. 14.
Martin, James, Higher Denham, near Uxbridge, England. Adjustable rear mounting for guns. 2,385,218; Sept. 18.
Martin, James D., et al.: *See*—
Bert, Samuel D., assignor.
Martin, John S., Bellingham, Wash. Adjustable two-way hand snow plow. 2,388,985; Nov. 13.
Martin, Joseph S., San Carlos, Calif., assignor to United Air Lines, Inc. Cargo tie-down. 2,372,967; Apr. 3.
Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for gear checking. 2,369,477; Feb. 13.
Martin, Marie: *See*—
Wipperman, H., and Martin.
Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,366,922; Jan. 9.
Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,373,252; Apr. 10.
Martin, Mark H., Reading, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Truck. 2,378,647; June 19.
Martin, Merlin L.: *See*—
Alford, E. L., and Martin.

Martin, Mervin E.: *See*—
Haney, C. I., and Martin.
Haney, C. I., Martin, and McGoury.
Schneider, G., and Martin.

Martin, Mervin E., et al.: *See*—
Seymour, G. W., Martin, and Rowley.

Martin, Mervin E., and T. M. Andrews, Cumberland, Md., assignors to Celanese Corporation of America. Mixed cellulose esters. 2,373,630; Apr. 10.

Martin, Otis C., Los Angeles, Calif. Making cutting tools. 2,370,409; Feb. 27.

Martin, Otis C., Los Angeles, Calif. Straight thread fitting. 2,373,253; Apr. 10.

Martin-Parry Corporation: *See*—
Buquor, Adolph P., assignor.

Martin, Paul N., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Mounting plate for plug-in devices. 2,391,324; Dec. 18.

Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,367,729; Jan. 23.

Martin, Paul N., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Mounting for oscillatory members. 2,372,594; Mar. 27.

Martin, Philip, Tarzana, Calif. Sausage skinning machine. 2,369,360; Feb. 13.

Martin, Philip W., Huntington Park, Calif. Gun firing means. 2,370,909; Mar. 6.

Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Aqueous bituminous emulsions. 2,376,498; May 22.

Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Wood digestion resin-aldehyde condensation product. 2,383,558; Aug. 28.

Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Terpene isomerization in liquid phase. 2,384,482; Sept. 11.

Martin, Roy A., Hornchurch, and A. W. Say, Upminster, assignors to The Plessey Company Limited, Ilford, Essex, England. Locking device. 2,391,724; Dec. 25.

Martin, Russell: *See*—
Coleman, W. C., and Martin.

Martin, Russell, Wichita, Kans. Press. 2,373,770; Apr. 17.

Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Control apparatus for fuel burning appliances. 2,367,038; Jan. 9.

Martin, Samuel M., and O. G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for wrapping articles with strands. 2,375,861; May 15.

Martin, Samuel M., and O. G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for serving strands upon articles. 2,375,862; May 15.

Martin, Samuel M., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulation stripping pliers. 2,386,327; Oct. 9.

Martin, Sida S., executrix: *See*—
Boynton, Alexander.

Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,366,923; Jan. 9.

Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,370,368; Feb. 27.

Martin, Stoddard B., Lakewood, Ohio. Collet. 2,383,508; Aug. 28.

Martin, Thomas A., Springfield, Long Island, N. Y. Alkalinity regulator for washing machine tanks. 2,382,648; Aug. 14.

Martin, Thomas B.: *See*—
Haines, J. F., and Martin.
MacNeil, C. S. J., Haines, Martin, and Berninger.

Martin, Thomas B., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Governor mechanism. 2,375,429; May 8.

Martin, Victor S.: *See*—
Barrans, W. T., and Martin.

Martin, Victor S., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making retractile cords. 2,391,433; Dec. 25.

Martin, Wade B., Westwood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter synchronizing arrangement. 2,375,125; May 1.

Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Enamel coated welded joint. 2,374,763; May 1.

Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Making hot-water tanks. 2,384,324; Sept. 4.

Martin, William, Vancouver, British Columbia, Canada. Treating stick-water. 2,367,415; Jan. 16.

Martin, William A.: *See*—
Zimmerman, W. B., Martin, and Chisik.

Martin, William E., Kewanee, Ill. Trailer tongue construction. 2,383,666; Aug. 28.

Martin, William McK., Maywood, Ill., assignor to American Can Company, New York, N. Y. Float valve. 2,375,806; May 15.

Martin, William McK., Maywood, Ill., assignor, to American Can Company, New York, N. Y. Container filling system. 2,383,507; Aug. 28.

Martindale, Homer D., Middletown, assignor to The Black-Clawson Company, Hamilton, Ohio. Apparatus for pulping and screening papermaking materials. 2,371,837; Mar. 20.

Martindale, Homer D., Middletown, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper pulping apparatus. 2,384,326; Sept. 4.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Compressing apparatus. 2,366,976; Jan. 9.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fluid flow responsive device. 2,373,041; Apr. 3.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fluid actuated device. 2,373,042; Apr. 3.

Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine for welding. 2,388,754; Nov. 13.

Martinec, Eugene F., Cleveland, Ohio. Gauging device. 2,376,372; May 22.

Martinek, Louis P., Cleveland, Ohio. Print handling device. 2,381,765; Aug. 7.

Martine-Lally, Luis A., W. A. Doney, and J. C. Ditto, Portland, Oreg., assignors to Production Engineering Co. Stud pad. 2,367,039; Jan. 9.

Martinelli, Lloyd A., Concord, and W. H. Topp, Sacramento, Calif. Hydraulic shockless coupling. 2,370,679; Mar. 6.

Martines, Rene, Cranston, R. I. Putty applicator. 2,385,149; Sept. 18.

Martins, Arthur S., Glendale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,371,972; Mar. 20.

Martinson, Sverre: *See*—
Steibel, J. P., and Martinson.

Martinsson, Gunnar R. C., assignor to Tuthill Pump Company, Chicago, Ill. Fluid pressure control valve. 2,391,790; Dec. 25.

Marto, Nicholas R., Roslindale, assignor, by mesne assignments, to Marine Optical Mfg. Co., Boston, Mass. Industrial goggles. 2,370,807; Mar. 6.

Marton, Ladislaus, Palo Alto, Calif., assignor to Radio Corporation of America. Correction of electromagnetic lens. 2,372,443; Mar. 27.

Martz, Loyd C., assignor of one-half to L. L. Felker, Del Norte, Colo. Foot rest. 2,380,118; July 10.

Marvel Auto Signal Co., Inc.: *See*—
Rohlen, Arthur W., assignor.

Marvel, Carl S.: *See*—
Zellhoefer, G. F., Marvel, and Copley.

Marvel Equipment Corporation: *See*—
Roethel, John H., assignor.

Marvel, Harvey E., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Check controlled stop device. 2,390,605; Dec. 11.

Marvin, John T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Method of manufacture. 2,390,160; Dec. 4.

Marvin, Stanley: *See*—
Glynn, E. A., and Marvin.

Marx, Frank A., Bridgetown, assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Dispensing carton. 2,388,168; Oct. 30.

Marx, Graham E., assignor to The G. A. Gray Company, Cincinnati, Ohio. Tool structure for two-way planing. 2,369,361; Feb. 13.

Marx, Herman, New York, N. Y. Shoe structure. 2,367,232; Jan. 16.

Marx, Herman, New York, N. Y. Shoe structure. 2,368,314; Jan. 30.

Marx, Louis, & Company, Inc.: *See*—
Smith, A. N., and Godfrey, assignors.

Marx, Walter S., Jr., assignor to Printing Arts Research Laboratories, Inc., Santa Barbara, Calif. Halftone photoengraving process and screen. 2,373,489; Apr. 10.

Marx, Walter S., Jr., assignor to Printing Arts Research Laboratories, Inc., Santa Barbara, Calif. Photoengraving. 2,391,025; Dec. 18.

Maryland Baking Company, Inc.: *See*—
Balton, James, assignor.
Glassner, Mitchel, assignor.

Maryland Plastics, Inc.: *See*—
Milano, Sylvester, assignor.

Marzetti, Manlio, Milan, Italy; vested in the Alien Property Custodian. Resilient mounting of units. 2,386,248; Oct. 9.

Marziani, Joseph, assignor of one-half to F. E. Bowker, Philadelphia, Pa. Pressure applicator. 2,369,362; Feb. 13.

Mascarenhas, Eneas G., Minas, Brazil. Electro-pneumatic loom. 2,377,800; June 5.

Mascarenhas, Eneas G., Minas, Brazil. Hypodermic needle grinder. 2,389,069; Nov. 13.

Maschinenfabrik Schärer: *See*—
Siegenthaler, W., assignor.
Siegenthaler, Walter, assignor.

Maschoff, Robert, Biloxi, Miss. Handkerchief holder. 2,379,092; June 26.

Masculine, Edwin T., Sherman Oaks, Calif. Hydraulic press. 2,383,810; Aug. 28.

Maseng, Olav, assignor to Square D Company, Detroit, Mich. Electric switch. 2,378,648; June 19.

Maskey, James J.: *See*—
Manson, Frank G.
Manson, F. G., and Maskey.
Manson, Frank G., and Maskey.

Masland, Charles H., 2nd, near Carlisle, Pa. Textile dyeing and finishing, method and product. 2,367,730; Jan. 23.

Maslanka, Erich: *See*—
Laufenberg, W., Maslanka, and Weissenburger.

Maslin, Albert J., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier transformer. 2,374,029; Apr. 17.

Masloff, Alexander D., assignor of sixty one-hundredths to G. A. Rubissow, New York, N. Y. Torpedoproof battleship. 2,371,340; Mar. 13.

Mason, Arthur C., Paterson, N. J. Machine for forming separated bodies. 2,386,623; Oct. 9.

Mason Box Company, The: *See*—
Rhodes, Russell I., assignor.

Mason, Claude D., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Composite rubber and fibrous material and making same. 2,382,248; Aug. 14.

Mason, Clesson E., Brookline, assignor to The Foxboro Company, Foxboro, Mass. Control mechanism. 2,382,895; Aug. 14.

Mason, Collins: *See*—
Ford, Walter B., assignor.

Mason, Collins, et al.: *See*—
Abeel, George H., III., assignor.
Carol, James E., assignor.

Mason, Collins, Beverly Hills, Calif. Label. 2,382,736; Aug. 14.

Mason, E. N., & Sons Limited: *See*—
Mercer, Arthur A., assignor.

Mason, Ernest J., Marion, Ind. Locking sectional handle. 2,371,639; Mar. 20.

Mason, Frederick P., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Facsimile signaling system. 2,368,369; Jan. 30.

Mason, Henry L.: *See*—
Hubbard, K. H., Mason, and Leach.

Mason, James G., B. L. Craig, and J. C. Garvin, Bellevue, Pa. Dispensing container. 2,375,430; May 8.

Mason, James M.: *See*—
Messmore, H. E., and Mason.

Mason-Neilan Regulator Co.: *See*—
D'Arcy, Alfred C., assignor.

Mason, Ralph B., Baton Rouge, La., assignor to Standard Oil Development Company. Paraffin isomerization process. 2,378,782; June 19.

Mason, Veyne V., Scotch Plains, N. J., assignor to Elastic Stop Nut Corporation of America. Nut or the like and blank therefor. 2,385,927; Oct. 2.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Couplings between resonators and electron streams 2,379,818; July 3.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulator. 2,379,819; July 3.

Masonite Corporation: *See*—
Boehm, Robert M., assignor.
Dorland, R. M., and Boehm, assignors.

Massa, Frank, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Communication system. 2,381,174; Aug. 7.

Massey-Harris Co. Ltd.: *See*—
Ego, George R., assignor.
Johnston, Howard M., assignor.

Massey, William B., Richmond, Va. Dispensing device for paste tubes. 2,390,314; Dec. 4.

Massonneau, Robert F., Scarsdale, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,373,134; Apr. 10.

Massonneau, Robert F., Scarsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,379,093; June 26.

Massonneau, Robert F., Scarsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time-of-day announcing system. 2,384,634; Sept. 11.

Mast, William C.: *See*—
Lamb, N., and Mast.

Mastenbrook, Henry J., Cleveland Heights, and D. K. Swartwout III, University Heights, assignors to The Swartwout Company, Cleveland, Ohio. Control method and mechanism. 2,375,431; May 8.

Master Electric Company, The: *See*—
Beeman, Lyle, assignor.
Leflar, J., and Darnell, assignors.
Niekamp, Richard A., assignor.

Master Mechanics Co., The: *See*—
Evans, Charles M., assignor.

Master Machine Products: *See*—
Schulz, Herman, assignor.

Master Metal Products, Inc.: *See*—
Geibel, John F., assignor.

Masters, John F., Winston-Salem, N. C. Furnace grate structure. 2,366,924; Jan. 9.

Masters, Phillip, Broadwater, Nebr. Retractable vehicle support. 2,388,923; Nov. 13.

Masters, Raymond H., Salt Lake City, Utah. Internal-combustion engine. 2,390,723; Dec. 11.

Masterson, Earl E., Indianapolis, Ind., assignor to Radio Corporation of America. Motion-picture apparatus. 2,371,836; Mar. 20.

Mastrud, Conrad D.: *See*—
Nalbach, J. R., and Gresham, assignors.

Masunaga, Glenn M., Wahiawa, Hawaii. Grafting implement. 2,368,420; Jan. 30.

Mateer, George L., Mountainside, and A. B. George, Cranford, N. J., assignors to Standard Oil Development Company. Hydrocarbon synthesis. 2,371,402; Mar. 13.

Mather, Glenn, New York, N. Y. Stool. 2,390,546; Dec. 11.

Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Phase shifting system. 2,371,905; Mar. 20.

Mathes, Richard E., Silver Spring, Md., assignor to Radio Corporation of America. Conversion of start stop signals to synchronous type signals and vice versa. 2,373,970; Apr. 17.

Mathes, Richard E., Silver Spring, Md., assignor to Radio Corporation of America. Receiving distributor. 2,374,295; Apr. 24.

Mathes, Richard E., Silver Spring, Md., assignor to Radio Corporation of America. Conversion of synchronous type signals to start stop signals. 2,389,675; Nov. 27.

Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Diversity radio receiver. 2,375,126; May 1.

Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse transmitter. 2,381,978; Aug. 14.

Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Reaction product of alkyleneimine with ammonium thiocyanate. 2,376,-796; May 22.

Matheson, Lorne A.: *See* —
Goggin, W. C., Matheson, and Hanson.

Matheson, Lorne A., assignor to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,947; Sept. 18.

Mathews, George W., Chicago, Ill. Quick freezing apparatus. 2,382,084; Aug. 14.

Mathews, Martin D., Indianapolis, Ind. Insulator. 2,381,676; Aug. 7.

Mathi, Walter E., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,383,731; Aug. 28.

Mathiasen, Roy L., Perth Amboy, N. J., assignor to Standard Oil Development Company. Addition agent for motor fuels. 2,368,482; Jan. 30.

Mathieson Alkali Works, Inc., The: *See*—
Clark, Charles C., assignor.
Dubeau, A. L., MacMahon, and Vincent, assignors.
Hampel, Clifford A., assignor.
Lepsoe, R., and Hunt, assignors.
MacMahon, James D., assignor.
MacMahon, J. D., and Taylor, assignors.
Petroe, Gregory A., assignor.
Robson, Homer L., assignor.
Vincent, G. P., and Dubeau, assignors.
Vincent, G. P., Dubeau, and Synan, assignors.
Vincent, George P., assignor.

Mathisen, Anders, Isleworth, assignor to Graviner Manufacturing Company Limited, Isleworth, Middlesex, England. Electrical fire preventing system for aircraft. 2,385,825; Oct. 2.

Mathisen, Anders, assignor to Graviner Manufacturing Company Limited, Isleworth, England. Stoppering and opening fluid containers. 2,385,826; Oct. 2.

Mathieson Alkali Works, Inc., The: *See*—
Lepsoe, R., Ortner, and Salter, assignors.

Mathieson Alkali Works, Inc., The: *See*—
Woodward, Eric R., assignor.

Mathieson, C. W., et al.: *See*—
Strong, Jules Q., assignor.

Mathieu, Joseph X., Pittsfield, Mass., assignor to General Electric Company, New York, N. Y. Circuit maker and breaker. 2,366,542; Jan. 2.

Mathys, Max A.: *See*—
Snader, I. J., and Mathys.

Mathys, Max A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic transmission for machine tools. 2,368,259; Jan. 30.

Mathys, Max A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic power unit. 2,374,764; May 1.

Matson, H. Richard, Milwaukee, Wis. Tool shank repair process and repair product. 2,376,931; May 29.

Matson, John A., Troy, N. H. Shuttle brush. 2,371,701; Mar. 20.

Matson, Westy F., Newton, Kans. Emergency valve structures for locomotive boilers and the like. 2,378,149; June 12.

Matt, Joseph, Milwaukee, assignor of one-third to F. Sonneborn, Jr., Sheboygan, and one-third to H. Schimkat, Milwaukee, Wis. Control device for radio receivers. 2,367,363; Jan. 16.

Matter, Albert J., Park Ridge, Ill., assignor to Crane Packing Company, Chicago, Ill. Fluid seal. 2,383,667; Aug. 28.

Mattern, Raymond P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature responsive resistance element. 2,372,840; Apr. 3.

Mattern, Rudolph A.: *See*—
Forward, Frederick B., assignor.

Matteson, Jesse: *See*—
Findley, K., Krueger, Hecker, Matteson, and Findley.
Matteucci, Raffaele, Turin, Italy; vested in the Alien Property Custodian. Universal damper for the torsional vibrations of coaxially revolving shafts. 2,369,679; Feb. 20.
Matthei, Robert, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Refrigerating storage apparatus. 2,389,267; Nov. 20.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire hanger. 2,388,860; Nov. 13.
Matthews, Alfred E., et al.: *See*—
Clavering, Gunnar, assignor.
Matthews, Louis L., assignor to Maxson Automatic Machinery Company, Westerly, R. I. Sheet-feeding method and machine. 2,367,416; Jan. 16.
Matthews, Phillip W.: *See*—
Leaver, P. J., and Matthews.
Matthews, Robinson E., and F. F. Hensley, Brevard, N. C., assignors to Ecusta Paper Corporation. Rewinding machine. 2,376,879; May 29.
Matthews, W. N., Corporation: *See*—
Birkenmaier, Theodore, assignor.
Matthews, Walter I., Riverhead, N. Y., assignor to Radio Corporation of America. Augmented automatic gain control. 2,389,919; Nov. 27.
Matthews, William H.: *See*—
Pulver, F. F., and Matthews.
Matthias, Lynn H., Fox Point, assignor to Allen-Bradley Company, Milwaukee, Wis. Control device for electrical equipment. 2,369,363; Feb. 13.
Matthias, Lynn H., Fox Point, assignor to Allen-Bradley Company, Milwaukee, Wis. Arc extinguishing device. 2,387,033; Oct. 16.
Matthysse, Irving F.: *See*—
Lee, M., and Matthysse.
Mattimore, John D., Louisville, Ky, assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,375,674; May 8.
Mattison Machine Works: *See*—
Madsen, Sern, assignor.
Matton, Phillip, Racine, Wis. Abrasive stick holder. 2,377,953; June 12.
Mattox, William J.: *See*
Grosse, A. V., and Mattox.
Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic reforming. 2,373,254; Apr. 10.
Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Production of styrene. 2,376-709; May 22.
Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Production of butadiene. 2,378,649; June 19.
Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,378,650; June 19.
Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of styrene. 2,389,444; Nov. 20.
Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of normal butene. 2,377,352; June 5.
Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Production of alkyl aromatic hydrocarbons. 2,381,175; Aug. 7.
Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,383,205; Aug. 21.
Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,383,206; Aug. 21.
Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,385,524; Sept. 25.
Mattox, William J., Riverside, Ill., assignor to Universal Oil Products Company, Chicago, Ill. Production of xylene. 2,386,969; Oct. 16.
Mattox, William J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of styrene. 2,389,801; Nov. 27.
Mattox, William J., and Wayne L. Benedict, assignors to Universal Oil Products Company, Chicago, Ill. Production of ethyl benzene. 2,389,445; Nov. 20.
Matulaitis, Victor E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,373,902; Apr. 17.
Matulaitis, Victor E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,373,903; Apr. 17.
Matulich, Fred A., Drytown, Calif. Hydraulic pruning tool. 2,385,419; Sept. 25.
Matulionis, Edward, Bridgeport, Conn. Fluid-pressure operated apparatus. 2,384,760; Sept. 11.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon materials. 2,366,743; Jan. 9.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrofluoric acid. 2,371,341; Mar. 13.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbon materials. 2,375,675; May 8.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic process. 2,378,651; June 19.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrofluoric acid process. 2,379,022; June 26.
Matuszak, Maryan P., Bartlesville, Okla, assignor to Phillips Petroleum Company. Preparation of catalyst and dehydrogenating hydrocarbons with same. 2,379,172; June 26.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon alkylation process. 2,379,368; June 26.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating catalysts. 2,381,677; Aug. 7.
Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of hydrocarbons. 2,387,162; Oct. 16.
Matzinger, Kenneth J.: *See*—
Johnson, G. D., Jr., and Matzinger.
Maud, Fred, and S. I. Faunce, Philadelphia, Pa., assignors to Selas Corporation of America. Tooth gearing. 2,376,161; May 15.
Maude, Aylmer H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Safety device for combustion chambers. 2,366,669; Jan. 2.
Maude, Aylmer H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Synthesizing hydrogen chlorides. 2,366,670; Jan. 2.
Maughan, Matthew W.: *See*—
Burdett, P. H., and Maughan.
Maul, John A., Fort Wayne, Ind., assignor to General Electric Company. Dynamometer test system. 2,367,596; Jan. 16.
Mauldin, David U., Greenville, S. C. Indicator for conduits. 2,371,251; Mar. 13.
Mauldin, John L., Houston, Tex. Hoist type pump. 2,374,765; May 1.
Maulding, Arthur W., Chicago, Ill., assignor to American Car and Foundry Company, New York, N. Y. Center sill jig. 2,389,526; Nov. 20.
Maurer, Albert, Ashton, R. I., assignor to Draper Corporation, Hopedale, Mass. Dagger stop. 2,391,726; Dec. 25.
Maurer, Frank W., Newton Highlands, Mass. Goggle. 2,387,522; Oct. 23.
Maurer, Fritz, Stuttgart-Bad Cannstatt, and R. Laquay, Stuttgart, Germany; vested in the Alien Property Custodian. Apparatus for rustproofing the inside of gasometer bells. 2,383,402; Aug. 21.
Maurer, Gottfried, Zurich, assignor to the firm Müller A.-G. Brugg, Maschinenfabrik und Eisengiesserei Brugg, Brugg, Switzerland. Adjusting and control device for material working machines. 2,382,801; Aug. 14.
Maurer, J. A., Inc.: *See*—
Maurer, John A., Jr., assignor.
Offner, Abe., assignor.
Maurer, John A., Jr., assignor to J. A. Maurer, Inc., New York, N. Y. Sound film printing optical system. 2,381,979; Aug. 14.
Maurer, Le Roy F., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Antishimmy device. 2,385,635; Sept. 25.
Maurer, Max, Vienna, Germany; vested in the Alien Property Custodian. Arrangement for avoiding errors in measurement due to one-sided heating of the cases of optical instruments. 2,376,710; May 22.
Maurerer, Leopold, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Magnetic core structure. 2,378,233; June 12.
Maurette, René G., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Lighting fixture. 2,383,007; Aug. 21.
Maurette, René G., Beverly, Mass., assignor to Sylvania Electric Products Inc., Salem, Mass. Lighting device. 2,391,325; Dec. 18.
Mauro, Oswald G.: *See*—
Dons, E. M., and Mauro.
Maus, Lester F., Minnesota City, Minn. Stalk feeding attachment. 2,370,560; Feb. 12.
Maust, Ernest J.: *See*—
Mead, H. L., and Maust.
Mavity, Julian M., assignor to Universal Oil Products Company, Chicago, Ill. Production of styrene and butadiene. 2,376,549; May 22.
Mavity, Julian M., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Catalysis of organic reactions. 2,388,428; Nov. 6.
Mavor, John B., Glasgow, Scotland, assignor to Joy Manufacturing Company, Franklin, Pa. Apparatus for mining. 2,389,920; Nov. 27.
Mavor, John B., Glasgow, Scotland, assignor to Joy Manufacturing Company, Franklin, Pa. Apparatus for mining. 2,389,921; Nov. 27.
Mawhirter, Glenn E., Pawnee Rock, Kans. Crude oil treating apparatus. 2,374,944; May 1.
Max Ams Machine Company, The: *See*—
Brenzinger, Julius, assignor.
Diezel, Willy, assignor.
Max, Herbert J.: *See*—
Smith, A. K., Max, and Wheeler.
Maxam, Allen B.: *See*—
Henry, W. C., and Maxam.

Maxant, William T., Ayer, Mass. Button sewing machine. 2,383,875; Aug. 28.
Maxant, William T., Ayer, Mass. Accordion pleating machine. 2,387,163; Oct. 16.
Maxey, George W., Cleveland, Ohio. Hammer. 2,369,790; Feb. 20.
Maxim Silencer Company, The: *See*—
Bourne, Roland B., assignor.
Maxon, Glenway, Jr., Milwaukee, Wis. Air freight handling system. 2,379,094; June 26.
Maxon, Glenway, Jr., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete consistency meter. 2,372,595; Mar. 27.
Maxon, Harry R., Jr., assignor to Maxon Premix Burner Company, Muncie, Ind. Gas burner. 2,368,370; Jan. 30.
Maxon Premix Burner Company: *See*—
Maxon, Harry R., Jr., assignor.
Maxson Automatic Machinery Company: *See*—
Matthews, Louis L., assignor.
Maxson, Louis A., Claremont, N. H., assignor to Sullivan Machinery Company. Automatic control means. 2,380,457; July 31.
Maxson, W. L., Corporation, The: *See*—
Maxson, W. L., McLaren, and Green, assignors.
Vaughan, John A., assignor.
Maxson, William L., South Orange, N. J., P. J. McLaren, New York, N. Y., and W. T. Green, Union City, N. J., assignors, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Mathematical apparatus. 2,373,771; Apr. 17.
Maxutov, Constantine D.: *See*—
Corson, B. B., and Maxutov.
Maxwell, Carl A., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Apparatus for tube expanding. 2,375,235; May 8.
Maxwell, Donald E., Scotia, N. Y., assignor to General Electric Company. Amplifier. 2,369,066; Feb. 6.
Maxwell, Frank R., Rose Valley, Pa. Airplane wing. 2,381,678; Aug. 7.
Maxwell, Frank R., Rose Valley, Pa. Airplane and control device therefor. 2,381,679; Aug. 7.
Maxwell, Frank R., Rose Valley, Pa. Airplane and control device therefor. 2,381,680; Aug. 7.
Maxwell, Frank R., Rose Valley, Pa. Airplane and control device therefor. 2,381,681; Aug. 7.
Maxwell, John L., Redwood City, Calif., assignor to American Telephone and Telegraph Company. Testing apparatus. 2,377,438; June 5.
Maxwell, Robert W., Seaford, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of hydroxylated polymers. 2,373,135; Apr. 10.
Maxwell, Willard A., Portland, Oreg. Combination bulldozer and shovel. 2,387,764; Oct. 30.
Maxwell, William H., Beverly Hills, Calif. Hair curler. 2,370,910; Mar. 6.
Maxwell, William H., Los Angeles, Calif. Hair curler. 2,388,791; Nov. 13.
Maxwell, William H., Los Angeles, Calif. Hair curler. 2,388,792; Nov. 13.
Maxwell, William H., et al.: *See*—
Panushka, J. B., and Wheeler, assignors.
May & Baker Limited: *See*—
Barber, Harry J., assignor.
Barber, H. J., and Self, assignors.
May, Chester J., Waterbury, Conn. Oil delivery control apparatus. 2,366,925; Jan. 9.
May, Everette L.: *See*—
Price, D., and May.
May, Frank H., assignor to American Potash & Chemical Corporation, Trona, Calif. Recovering carbon dioxide from gases. 2,374,876; May 1.
May, Frank H., assignor to American Potash & Chemical Corporation, Trona, Calif. Producing a mixed crystal crop comprising mainly sodium bicarbonate and potassium pentaborate octohydrate. 2,374,877; May 1.
May, Harold F.: *See*—
Marshall, J. C., and May.
May, Harold F., Valley Stream, and J. C. Marshall, Baldwin, assignors to Teleregister Corporation, New York, N. Y. Communication and posting system. 2,386,743; Oct. 9.
May, Harry C., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,381,222; Aug. 7.
May, John W.: *See*—
Lindstrom, T., and May.
May, John W., Durham, N. C., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric operating means for circuit breakers. 2,381,302; Aug. 7.
May, John W., Pittsburgh, W. H. Stuellein, East McKeesport, and M. E. Horn, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,383,403; Aug. 21.
May, Ray D., Portland, Oreg. Attachment for exhaust pipes. 2,376,550; May 22.
May, Richard W., Cedar Rapids, Iowa, assignor to Collins Radio Company. Locking bar stop means. 2,378,941; June 26.
May, Richard W., Cedar Rapids, Iowa, assignor to Collins Radio Company. Automatic tuning apparatus. 2,391,470; Dec. 25.
May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Reaction products of alkylated phenols and terpene-phosphorus sulphide. 2,379,312; June 26.
May, Robert L., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Zinc salt of the reaction products of alkylated phenols and terpene-phosphorus sulphide. 2,379,313; June 26.
May, Walter H., Pelham Manor, N. Y. Sewing machine. 2,377,951; June 12.
Mayberry, Murl D., Golden, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Machine for distributing and orienting bullets. 2,387,672; Oct. 23.
Mayberry, Walter R., Zanesville, Ohio, assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic device. 2,386,904; Oct. 16.
Mayer, Beatrice S., New Rochelle, N. Y. Scraper for pots, pans, and the like. 2,380,186; July 10.
Mayer, Carl F., Lakewood, Ohio. Welding rod transfer mechanism. 2,373,325; Apr. 10.
Mayer, Charles W., deceased, Rochester, N. Y.; K. B. Mayer, executrix. Apparatus for removing water from paper webs. 2,381,766; Aug. 7.
Mayer, Elinor H., Sarasota, Fla. Folding table leg. 2,385,717; Sept. 25.
Mayer, Ernest, Leipzig, Germany: vested in the Alien Property Custodian. Mold. 2,369,067; Feb. 6.
Mayer, Ivan, Galveston, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Depressuring catalyst-containing chambers. 2,373,043; Apr. 3.
Mayer, Katherine B., executrix: *See*—
Mayer, Charles W.
Mayer, Michael, Cleveland, Ohio. Cigarette and safety match holder. 2,369,364; Feb. 13.
Mayer, Michael, Cleveland, Ohio. Windshield defroster. 2,381,767; Aug. 7.
Mayer, Oscar, & Co., Inc.: *See*—
Seiferth, Oscar E., assignor.
Seiferth, O. E., and Sloan, assignors.
Sloan, Edward C., assignor.
Mayer, Otto, New York, N. Y. Die for the manufacture of pen cases. 2,377,166; May 29.
Mayer, Richard, New Rochelle, N. Y., assignor, by mesne assignments, to A. H. and L. S. Rosenberg, Clayton, and S. M. Rosenberg, University City, Mo. Combination cigarette container and lighter. 2,373,772; Apr. 17.
Mayer, Walter R.: *See*—
Groene, W. F., and Meyer.
Mayer, William C., Jefferson, Wis. Drawer lock. 2,368,859; Feb. 6.
Mayers, Lonnie C. and M. C., Lumberton, N. C. Tobacco stick. 2,378,313; June 12.
Mayers, Mack C.: *See*—
Mayers, Lonnie C. and M. C.
Mayfield, Evart E., assignor to Hercules Powder Company, Wilmington, Del. Bituminous emulsion. 2,370,911; Mar. 6.
Mayfield, Evart E., assignor to Hercules Powder Company, Wilmington, Del. Bitumen emulsion. 2,374,766; May 1.
Mayfield, Franklin D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,371,342; Mar. 13.
Mayhew, James N., Los Angeles, Calif. Nonsiphon shampoo spray head. 2,389,676; Nov. 27.
Maykemper, Heinrich: *See*—
Finzel, H., and Maykemper.
Mayland, Harrison C., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,371,538; Mar. 13.
Mayland, Harrison C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion process. 2,374,826; May 1.
Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Visual indicating system. 2,378,857; June 19.
Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Mosaic sensitivity indicator. 2,389,991; Nov. 27.
Mayle, Louis F., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic frequency control apparatus. 2,389,992; Nov. 27.
Maynard, Frederick E., Los Angeles, Calif. Clay settling, centripetal reaction concentrator and amalgamator. 2,385,094; Sept. 18.
Maynard, Hamilton M.: *See*—
Walle, N. F., Sr., Maynard, and Kepler.
Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Separable track for crawler type vehicles. 2,387,802; Oct. 30.
Mayner, Stanley, Cleveland, Ohio. Power transmitting apparatus. 2,381,682; Aug. 7.
Mayo, Wilbur L., Hampton, Va. Ignition system for internal-combustion engines. 2,383,876; Aug. 28.
Mays, Arthur B.: *See*—
Gelbman, L., Olsen, and Mays.
Mays, Floyd R., Chicago, Ill., and R. R. Royal, Paducah, Ky. Tire. 2,379,095; June 26.
Mays, Floyd R., Chicago, Ill., and R. R. Royal, Paducah, Ky. Tire. 2,383,668; Aug. 28.
Mays, Wilburt W., Steelton, Pa. Bottle closure retainer. 2,390,724; Dec. 11.
Maytag Company, The: *See*—
Smith, Thomas R., assignor.

Maywood Manufacturing Corporation: *See*—
Metz, John E. H., assignor.
Mazer, Jacob, Miami Beach, Fla. Acoustical structure. 2,390,262; Dec. 4.
Mazza, Eric, New York, N. Y. Combination life and swimming belt. 2,371,769; Mar. 20.
McAdam, Francis J.: *See*—
Iler, R. K., and McAdam.
McAdam, Francis J., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of chlorine. 2,375,011; May 1.
McAfee, Jerry, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Carrying out catalyst reactions. 2,391,434; Dec. 25.
McAlevy, Ambrose, D. E. Strain, and F. S. Chance, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Elastomers from ethylene interpolymers. 2,388,169; Oct. 30.
McAllister, Elvy G., Audubon, N. J., assignor to Radio Corporation of America. Split core transformer. 2,367,591; Jan. 16.
McAllister, Sumner H.: *See*—
Anderson, J., McAllister, and Ross.
Anderson, J., Peterson, and McAllister.
Ross, W. E., McAllister, and Anderson.
McAllister, Sumner H., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Olefine isomerization process. 2,379,731; July 3.
McAllister, Walter H.: *See*—
Richardson, A. S., and McAllister.
McAlvin, James H., et al.: *See*—
Leibfritz, William F., assignor.
McArthur, Alexander P., Chicago, Ill. Lap. 2,369,586; Feb. 13.
McArthur, Graham S., Portland, Oreg. Gun. 2,391,636; Dec. 25.
McAuliffe, Patrick, New York, N. Y. Fluid clock. 2,375,568; May 8.
McBath, Bartley R., Glen Ridge, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Feed water heater. 2,376,068; May 15.
McBee Company, The: *See*—
Burke, William F., assignor.
Connor, Roger, assignor.
Lee, Robert J. L., assignor.
McBerty, Ford H., Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Filtering apparatus and process. 2,374,114; Apr. 17.
McBride, Charles B.: *See*—
Watson, J. E., and McBride.
McBride, George A., Grosse Pointe Woods, Mich., assignor to Infilco Incorporated, Chicago, Ill. Treatment of paper machine waste water. 2,380,252; July 10.
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Hopper discharge. 2,386,702; Oct. 9.
McBride, John W., Burbank, Calif. Stringed musical instrument. 2,368,256; Jan. 30.
McBride, John W., Burbank, Calif. Stringed instrument. 2,368,257; Jan. 30.
McBrien, Roger W., Alton, Ill. Apparatus for measuring liquids. 2,387,922; Oct. 30.
McBrien, Roger W., Alton, Ill. Dispensing apparatus for liquids. 2,387,923; Oct. 30.
McBroom, James C.: *See*—
Cuthill, A., and McBroom.
McCabe, Arthur S.: *See*—
Burns, R. S., and McCabe, assignors.
McCabe, Ira E., Chicago, Ill. Aneroid barometer. 2,367,034; Jan. 9.
McCabe, Ira E., Chicago, Ill. Electric switch mechanism. 2,371,455; Mar. 13.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for working articles. 2,367,297; Jan. 16.
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling fixture. 2,387,083; Oct. 16.
McCallion, Hugh E., Roseville, Mich. Expanding reamer. 2,385,999; Oct. 2.
McCandless, Estella S., Detroit, Mich. Toe mitt. 2,391,064; Dec. 18.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,368,766; Feb. 6.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking control apparatus. 2,387,853; Oct. 30.
McCann, William C., Windom, Minn. Small grain windrower. 2,388,861; Nov. 13.
McCarroll, Russell H.: *See*—
Sorensen, C. E., and McCarroll.
Sorensen, C. E., McCarroll, and Rothenthaler.
McCarroll, Russell H., and G. Vennerholm, assignors to Ford Motor Company, Dearborn, Mich. Heat treatment for steel alloys. 2,368,418; Jan. 30.
McCarroll, Russell H., and G. Vennerholm, assignors to Ford Motor Company, Dearborn, Mich. Steel alloys. 2,370,179; Feb. 27.
McCarroll, Russell H., and J. L. McCloud, Dearborn, and H. E. J. Hanson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Surface treatment of zinc and cadmium. 2,376,158; May 15.
McCarron, Frank J., et al.: *See*—
Salverda, Henry P., assignor.
McCart, Marvin E., San Jose, Calif. Beauty parlor appliance. 2,370,359; Feb. 27.
McCarthy, Cornelius C., Chicago, Ill. Airplane pilot trainer. 2,385,095; Sept. 18.
McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products, Inc. Electrical switching means. 2,382,646; Aug. 14.
McCarthy, James F., Jr., Wallace, Idaho. Correlating drill bit sharpening and gauging mechanism. 2,367,229; Jan. 16.
McCarthy, James F., Jr., Wallace, Idaho. Chucking means for drill bits. 2,368,077; Jan. 23.
McCarthy, James F., Jr., Wallace, Idaho. Sharpening bits. 2,374,362; Apr. 24.
McCarthy, Samuel M., Columbus, Ga. Sheet holder. 2,372,904; Apr. 3.
McCarthy, Timothy F., Indiana, Pa. Draft operated scraper. 2,391,584; Dec. 25.
McCartney, Howard R., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Screw driver. 2,370,407; Feb. 27.
McCarty, Clark W.: *See*—
Graham, W. R., Jr., and McCarty.
McCarty, John Ellsworth D.: *See*—
Peters, M. F., and McCarty.
McCarty, Lourdes V.: *See*—
Johnson, R. W., and McCarty.
McCarty, Lourdes V., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,375,569; May 8.
McCarty, Lourdes V., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Floor furnace gas control means. 2,387,164; Oct. 16.
McCarty, Lourdes V., assignor to Automatic Products Company, Milwaukee, Wis. Snap action constant level device. 2,388,793; Nov. 13.
McCarty, Madison P., Chicago, Ill. Flowmeter. 2,372,166; Mar. 20.
McCaskell Filters, Inc.: *See*—
McCaskell, Jasper A., assignor.
McCaskell, Jasper A., assignor to McCaskell Filters, Inc., Los Angeles, Calif. Cake discharger mechanism. 2,374,363; Apr. 24.
McCaslin, Stanley N., and A. Lamb, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Nose board for axminster looms. 2,384,322; Sept. 4.
McCauley, John J, Chicago, Ill. Wall cabinet clothes drier. 2,377,255; May 29.
McCauley, William E., Champaign, Ill., and C. W. Veach, Riverside, Calif., assignors to Board of Trustees of the University of Illinois, Urbana, Ill. Method and machine for vaporizing insecticides and other liquids. 2,390,843; Dec. 11.
McCay, Gadi L., Utica, Miss. Boll weevil exterminating machine. 2,389,677; Nov. 27.
McChesney, Louis P., Cardiff-by-the-Sea, Calif. Cleanout plug means. 2,366,975; Jan. 9.
McClaskey, Charles H., Hamer, Idaho. Airplane tire construction. 2,383,662; Aug. 28.
McClearen, William M., Exeter, Calif. Toilet paper roll holder. 2,369,970; Feb. 20.
McCleary, Lorin D., Indianapolis, Ind. Rotary engine. 2,369,306; Feb. 13.
McCleary, Rush F.: *See*—
Morris, J. R., and McCleary.
Patterson, J. A., and McCleary.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Mineral oil composition. 2,369,908; Feb. 20.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Aliphatic-ether-alcohol derivatives of cashew nut shell oil. 2,384,323; Sept. 4.
McCleary, Rush F., Beacon, assignor to The Texas Company, New York, N. Y. Lubricants. 2,389,527; Nov. 20.
McCleary, Rush F., and J. E. Fields, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,366,539; Jan. 2.
McCleary, Rush F., and J. R. Morris, Beacon, assignors to The Texas Company, New York, N. Y. Composition of matter. 2,380,658; July 31.
McCleave, Lelia C., Webster Groves, Mo., assignor to M. C. McCleave, New York, N. Y. Sanitary mop device. 2,378,644; June 19.
McCleave, Marion C.: *See*—
McCleave, Lelia C., assignor.
McClellan, Cyril E., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermionic tube circuits. 2,379,168; June 26.
McClellan, Donald F., and H. Chasen, Boston, Mass. Test meter for magnetos. 2,383,557; Aug. 28.
McClellan, Everett D.: *See*—
Trockle, F. E., McClellan, and Simpson.
McClellan, George B., assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency inductance unit. 2,368,857; Feb. 6.
McClellan, Glenn H., Buffalo, N. Y. Mobile traffic control signal device. 2,375,121; May 1.
McClellan, Paul P., Old Greenwich, and W. P. Ericks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized diazo compounds. 2,369,307; Feb. 13.

McClellan, Paul P., Old Greenwich, and W. P. Ericks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized ice color compositions. 2,369,308; Feb. 13.
McClellan, Paul P., Old Greenwich, and W. P. Ericks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized ice color compositions. 2,369,309; Feb. 13.
McClellan, Paul P., Old Greenwich, and W. P. Ericks, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Ice color compositions containing dicyandiamide. 2,375,012; May 1.
McClellan, Raymond H.: *See*—
Linden, C. E., and McClellan.
McClellan, William L.: *See*—
Moon, F. M., and McClellan.
McClelland, William H.: *See*—
Miller, F. M., Shape, and McClelland.
McClenny, Robert J., Palatka, Fla. Peanut or potato digger. 2,383,506; Aug. 28.
McClintic, Robert H.: *See*—
Carlson, George W., assignor.
McClintock, Leslie A.: *See*—
Barthen, C. L., Peterson, and McClintock.
McCloskey, Robert F., Jr., Pittsburgh, and M. C. Knabe, Library, Pa. Building structure. 2,378,567; June 19.
McCloud, John L.: *See*—
McCarroll, R. H., McCloud, and Hanson.
McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,366,635; Jan. 2.
McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,385,525; Sept. 25.
McClung, Murry G., Los Angeles, Calif. Rotary table mounting for vegetable peelers. 2,374,443; Apr. 24.
McClure, Charles A., Chicago, Ill., assignor of one-half to M. A. Sribike. Fountain-type comb. 2,387,924; Oct. 30.
McClure, Ernest C., Wahroonga, New South Wales, Australia, assignor to Powers Accounting Machines Limited, London, England. Multiplying machine. 2,379,169; June 26.
McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake apparatus. 2,379,308; June 26.
McClure, Robert E., Warren, Ohio. Stereoscope. 2,368,480; Jan. 30.
McClure, Robert E., Warren, Ohio. Viewer with magazine feed for color transparencies and the like. 2,377,021; May 29.
McClure, William H., U. S. Navy, and R. B. Cotton, Drexel Hill, Pa. Glider pick-up device. 2,371,635; Mar. 20.
McCollough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,374,364; Apr. 24.
McCollum, Henry J. D., Chicago, Ill. Heater. 2,366,416; Jan. 2.
McCollum, Henry J. D., deceased, Chicago, Ill.; T. McCollum, executrix. Automobile heater. 2,373,766; Apr. 17.
McCollum, Henry J. D., deceased, Chicago, Ill.; T. McCollum, executrix. Liquid heater. 2,373,767; Apr. 17.
McCollum, Henry J. D., deceased, Chicago, Ill.; T. McCollum, executrix. Aircraft heating system. 2,374,606; Apr. 24.
McCollum, Henry J. De N., deceased, Chicago, Ill; T. McCollum, executrix. Driving superchargers for airplane cabins. 2,374,607; Apr. 24.
McCollum, Henry J. D., deceased, Chicago, Ill.; T. McCollum, executrix. Heat transfer apparatus. 2,374,608; Apr. 24.
McCollum, Henry J. D., deceased, Chicago, Ill.; T. McCollum, executrix. Heating apparatus. 2,374,609; Apr. 24.
McCollum, Henry J. De N., Chicago, Ill.; T. McCollum executrix of said H. J. De N. McCollum, deceased. Heating apparatus. 2,378,781; June 19.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heating system. 2,379,016; June 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heating unit. 2,379,017; June 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,379,018; June 26.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Heater. 2,380,602; July 31.
McCollum, Henry J., De N., deceased, Chicago, Ill.; T. McCollum. executrix. Aircraft heating system. 2,382,493; Aug. 14.
McCollum, Henry J. De N., Chicago, Ill., deceased; T. McCollum, executrix. Heating apparatus. 2,385,096; Sept. 18.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. Stereoscopic television apparatus. 2,388,170; Oct. 30.
McCollum, Henry J. De N., deceased, Chicago, Ill.; T. McCollum, executrix. 2,390,380; Dec. 4.
McCollum, Thelma, executrix: *See*—
McCollum, Henry J. D.
McCollum, Henry J. De N.
McComb, James R., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry spinning apparatus. 2,366,275; Jan. 2.
McCombs, Melvorne J., assignor to The Buckeye Tools Corporation, Dayton, Ohio. Chuck. 2,368,858; Feb. 6.
McConaghy, James W., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Sealing device. 2,389,528; Nov. 20.
McConica, Thomas H., III: *See*—
Kirk, R. C., Nelson, and McConica.
McConica, Thomas H., III, assignor to The Dow Chemical Company, Midland, Mich. Producing magnesium. 2,391,727; Dec. 25.
McConica, Thomas H., III, A. A. MacPhail, and R. C. Kirk, assignors to The Dow Chemical Company, Midland, Mich. Production of alkali metals. 2,391,728; Dec. 25.
McConkle, Charles C., Omaha, Nebr. Forced draft conveyer. 2,381,762; Aug. 7.
McConnell, Allan M., Beverly Hills, and W. E. Braham, North Hollywood, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Transparent canopy mounting. 2,367,035; Jan. 9.
McConnell, Andrew J., Albany, N. Y., assignor to General Electric Company. Protective system. 2,383,329; Aug. 21.
McConnell, Andrew J., Albany, N. Y., assignor to General Electric Company. Protection of electric systems. 2,385,219; Sept. 18.
McConnell, Ralph S., Norfolk, Va. Knockdown hogshead. 2,375,122; May 1.
McConnell, Ralph S., Portsmouth, Va. Collapsible box. 2,375,123; May 1.
McConnell, Robert A., Belmont, Mass. Determining the surface electrical resistance of conducting sheets. 2,371,636; Mar. 20.
McConnell, Samuel V.: *See*—
Simpkins, Carl R., assignor.
McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Tailstock lock. 2,368,032; Jan. 23.
McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Engine lathe. 2,368,150; Jan. 30.
McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Lathe carriage drive. 2,368,151; Jan. 30.
McConway & Torley Corporation: *See*—
Leppla, Rudolph, assignor.
McCool, William A., Washington, D. C. Automatic control for locked oscillators. 2,377,894; June 12.
McCord, Andrew T., and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Preparation of pigmentary materials. 2,379,019; June 26.
McCord Corporation: *See*—
Gardes, Alfred W., assignor.
McCorkle, Miles R.: *See*—
Ralston, A. W., Barrett, and McCorkle.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Manufacturing shaft seal assemblies. 2,382,245; Aug. 14.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Electrical appliance. 2,389,446; Nov. 20.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Pipe coupling. 2,390,892; Dec. 11.
McCormack, J. W., Kansas City, Mo. Coaster cycle. 2,370,477; Feb. 27.
McCormic, Joseph A., Jr., Forest Park, assignor to Dearborn Glass Company, Chicago, Ill. Separating glass sheets and the like. 2,378,091; June 12.
McCormick, Francis H., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,378,421; June 19.
McCormick, George, Redwood City, and B. M. Brown, Palo Alto, Calif. Fire door frame. 2,387,523; Oct. 23.
McCormick, James A., Kalamazoo, Mich., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind. Shipping and display, high pack container. 2,382,891; Aug. 14.
McCormick, Joseph A., Jr., Forest Park, Ill., assignor to Dearborn Glass Company, Chicago, Ill. Separating glass sheets and the like. 2,372,215; Mar. 27.
McCormick, Paul A., San Diego, Calif. Steam pump. 2,381,298; Aug. 7.
McCorquodale, Wilmer E., Jr., Ardentown, Del., assignor to Sun Oil Company, Philadelphia, Pa. Purification of naphthenic acids. 2,391,729; Dec. 25.
McCoy, Charles W., Ontario, Calif. Ignition analyzer. 2,381,609; Aug. 7.
McCoy, Claudius T., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. High-frequency transformer. 2,375,309; May 8.
McCoy, Curtiss J., Indianapolis, Ind. Toy structure. 2,375,425; May 8.
McCoy, Frederic C., and C. C. Towne, Beacon, assignors to The Texas Company, New York, N. Y. Lubricating oil manufacture. 2,367,362; Jan. 16.
McCoy, Howard M., Fairfield, Ohio. Electrical jack. 2,366,739; Jan. 9.
McCoy, Howard M., Fairfield, Ohio. Controllable pitch-change mechanism for dual rotation propellers. 2,367,230; Jan. 16.

McCoy, Howard M., Fairfield, Ohio. Multiple stage means for changing pitch of aircraft propeller blades. 2,370,675; Mar. 6.
McCoy, Howard M., Patterson Field, Ohio. Mechanism and controls for controllable aircraft propellers. 2,378,938; June 26.
McCoy, Howard M., Fairfield, Ohio. Mechanism and control for controllable aircraft propellers. 2,388,276; Nov. 6.
McCoy, Howard M., Fairfield, Ohio. Controllable pitch change mechanism for dual rotation propellers. 2,389,161; Nov. 20.
McCoy, Howard M., Fairfield, Ohio. Torque amplifier. 2,390,547; Dec. 11.
McCoy, James P. A., assignor of one-half to Milwaukee Tool & Die Company, Milwaukee, Wis. Granulating metals. 2,380,253; July 10.
McCoy, James P. A., assignor of one-half to Milwaukee Tool & Die Company, Milwaukee, Wis. Detinning. 2,386,970; Oct. 16.
McCoy, Robert E., Portland, Oreg. Space discharge device. 2,376,707; May 22.
McCoy, Thomas A., Oakland, Calif. Wire stitching machine. 2,376,159; May 15.
McCracken, John H.: *See*—
Nygaard, E. M., and McCracken.
Nygaard, E. M., McCracken, and Noland.
McCracken, John H., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,387,279; Oct. 23.
McCracken, John H., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Diesel fuel. 2,387,403; Oct. 23.
McCracken, William L.: *See*—
Dinley, C. F., and McCracken.
McCready, Rolland M.: *See*—
Lineweaver, H., and McCready.
McCreary, Bryan L., et al.: *See*—
Gearhart, Roy E., assignor.
McCreary, Harold J., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Rectifier for change-over work. 2,378,311; June 12.
McCreary, Harold J., Lombard, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Inductive device. 2,381,763; Aug. 7.
McCreary, Richard B., et al.: *See*—
Gearhart, Roy E., assignor.
McCreery, Benjamin F., Glens Falls, N. Y. Method and mechanism for treating filaments or fibers. 2,273,768; Apr. 17.
McCreery, Cecil W.: *See*—
Louden, H. M., and McCreery.
McCrery, Harold E., Oakwood, Ohio, assignor to Plyfiber Container Corporation, Garwood, N. J. Fibrous container. 2,388,277; Nov. 6.
McCrosky, Robert D., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn forwarding apparatus. 2,370,180; Feb. 27.
McCue, James H., Pasadena, Calif. Cooling element. 2,378,645; June 19.
McCulley, Faye M.: *See*—
Weeks, Elmer T.
McCulloch, Charles E.: *See*—
Primrose, John, assignor.
McCulloch, Karl M.: *See*—
McCulloch, William E., assignor.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for separating gases from liquids. 2,376,794; May 22.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hygrometer. 2,381,299; Aug. 7.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical insulation. 2,389,379; Nov. 20.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Drying agents or desiccants. 2,389,380; Nov. 20.
McCulloch, Thomas B.: *See*—
Singleton, H. M., and McCulloch.
McCulloch, Thomas B., Baytown, Tex., assignor to Standard Oil Development Company. Recovery of aluminum chloride. 2,377,090; May 29.
McCulloch, Thomas B., Baytown, Tex., assignor to Standard Oil Development Company. Inhibiting hydrochloric acid against corrosiveness to ferrous metals. 2,380,254; July 10.
McCulloch, William E., assignor of one-half to K. M. McCulloch, Des Moines, Iowa. Tool for loosening tires. 2,367,638; Jan. 16.
McCullough, Francis J., Chicago, Ill. Liquid temperaturizing vat. 2,388,003; Oct. 30.
McCullough, Frank, and E. Gray, Fort Smith, Ark. Machine for reshaping bottle caps. 2,387,673; Oct. 23.
McCullough, Jack A.: *See*—
Eitel, W. W., and McCullough
McCullough, James H.: *See*—
Leum, L. N., Birkhimer, and McCullough.
McCullough, Paul J., assignor to J. Pavelka, St. Louis, Mo. Coffee maker. 2,388,335; Nov. 6.
McCullough Tool Company: *See*—
Bender, John C., assignor.
McCurdy, Clifford H., Detroit, Mich. Partition structure for trucks. 2,390,606; Dec. 11.
McCutchan, Helen, Detroit, Mich. Cookbook holder. 2,386,131; Oct. 2.
McCutcheon, David C., Brooklyn, N. Y. Pipe. 2,370,676; Mar. 6.
McDaniel, Ernest C., Denver, Colo. Front truck for trailers. 2,379,170; June 26.
McDaniel, Harry L., Mosquero, N. Mex. Envelope opener, paper cutter, and punch. 2,386,329; Oct. 9.
McDaniel, Lucien L., and F. E. Deems, Birmingham, Ala., assignors to Continental Gin Company. Cotton cleaner. 2,384,383; Sept. 4.
McDavitt, Marcellus B., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic toll ticketing system. 2,369,062; Feb. 6.
McDermott, Bernard A., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Inflating valve for hollow articles. 2,387,455; Oct. 23.
McDermott, Eugene, Dallas, Tex. Prospecting for buried deposits. 2,367,592; Jan. 16.
McDermott, Eugene, Dallas, Tex. Prospecting for buried deposits. 2,371,637; Mar. 20.
McDermott, Eugene, assignor to Geophysical Service Incorporated, Dallas, Tex. Seismic detector system. 2,375,570; May 8.
McDermott, Henry J.: *See*—
Stanley, R. W., and McDermott.
McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Thread-advancing reel. 2,386,249; Oct. 9.
McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Godet. 2,388,068; Oct. 30.
McDermott, Henry J., Prospect Park, and H. P. Fry, Jr., Swarthmore, Pa., assignors to American Viscose Corporation, Wilmington, Del. Apparatus for preparing yarn and thread packages for liquid treatment. 2,371,638; Mar. 20.
McDermott, Paul F., Martinsville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Filter unit and making the same. 2,383,066; Aug. 21
McDevitt, James E., Brooklyn, N. Y. Aircraft. 2,380,535; July 31.
McDill, Rex D., assignor to Thompson Products, Inc., Cleveland, Ohio. Evacuated coolant containing valve. 2,369,063; Feb. 6.
McDonald Aircraft Corporation: *See*—
Tauser, Charles H., assignor.
McDonald, B. F., Company: *See*—
Lewis, Howard B., assignor.
McDonald, Eugene F., Jr., Chicago, Ill. Radio control system and multiple circuit switch. 2,374,873; May 1.
McDonald, Harley H., San Francisco, Calif. Hair curl clip. 2,375,935; May 15.
McDonald, Hector M., Meeniyan, Gippsland, Australia. Apparatus for filling containers with milk and other liquids. 2,380,771; July 31.
McDonald, James, assignor of one half to G. W. B. Electric Furnaces Limited, Dudley, England. Furnace. 2,376,548; May 22.
McDonald, John C.: *See*—
Diehl, H. A., and McDonald.
McDonald, John C., assignor to The Dow Chemical Company. Midland, Mich. Magnesium base alloy. 2,371,531; Mar. 13.
McDonald, Joseph S., and W. E. A. Ruska, Houston, Tex. Controlling device for well tools. 2,387,456; Oct. 23.
McDonald, Louis E., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Resolving water-in-oil emulsions. 2,377,565; June 5.
McDonnell Aircraft Corporation: *See*—
Marschner, Charles F., assignor.
Marschner, C. F., and Bryan, assignors.
Utsch, Albert, assignor.
McDonnell, Aloysius S., Chicago, Ill. Device wherewith to set the points of beam-compasses and the like. 2,370,741; Mar. 6.
McDonnell, Arthur E., Memphis, Tenn. Fire escape. 2,390,955; Dec. 11.
McDonnell, Everett N.: *See*—
Kmiecik, L. J., assignor.
McDonough, Charles J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Variable condenser. 2,380,603; July 31.
McDonough, Everett G.: *See*—
Evans, R. L., and McDonough.
McDougal, Taine G., Flint, Mich. Making fluid discharge nozzles. 2,371,532; Mar. 13.
McDougal, Taine G., Flint, Mich. Fluid discharge nozzle. 2,371,533; Mar. 13.
McDougal, Taine G., Flint, assignor to General Motors Corporation, Detroit, Mich. Processing machine. 2,380,659; July 31.
McDow, Everett E., Wilmette, assignor to Antiseptol Company, Inc., Chicago, Ill. Dispensing apparatus. 2,387,945; Oct. 30.
McDowell Manufacturing Company: *See*—
Shera, John W., assignor.
McDowell, Wendell H.: *See*—
Minsk, L. M., Weyerts, and McDowell.
McDunnah, Frederick A., Hampton Falls, N. H. Cleat attachment. 2,374,444; Apr. 24.

McEachern, Irvin D., Petersburg, Tex. Ensilage harvester. Re. 22,697; Nov. 27.
McElhannon, Raymond J., Flushing, N. Y. Radio scanning system. 2,380,981; Aug. 7.
McElhinney, Eric M., Dysart, Iowa. Coupler device. 2,384,185; Sept. 4.
McElhinney, Eric M., Dysart, Iowa. Coupling device. 2,386,053; Oct. 2.
McElhoe, Calvin B., Detroit, Mich., and G. W. Swartz, assignors to Hart-Carter Company, Peoria, Ill. Pick-up. 2,388,212; Oct. 30.
McElmurray, William R., Frankfort, Ky. Starting device for outboard motors. 2,386,703; Oct. 9.
McElroy, Wilbur R.: *See*—
Hass, H. B., and McElroy.
McEwen, John D., Pasadena, Calif., assignor, by mesne assignments, to The International Derrick & Equipment Company, Columbus, Ohio. Well derrick substructure. 2,377,705; June 5.
McEwen, Norman S., Fort Lauderdale, Fla. Rivet cutter. 2,391,637; Dec. 25.
McEwen, Robert L., Williamsville, assignor to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Bleaching fibers. 2,366,740; Jan. 9.
McFadden, Benjamin C., assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion. 2,366,344; Jan. 2.
McFadden, James B., assignor to United Dairy Equipment Company, West Chester, Pa. Homogenizer. 2,380,856; July 31.
McFadden, James B., assignor to United Dairy Equipment Company, West Chester, Pa. Homogenizer. 2,380,857; July 31.
McFall, Thurlow E., Sparta, and O. G. Norton, Muskegon, Mich., assignors, by mesne assignments, to The Perfect Circle Company, Hagerstown, Ind. Piston ring structure. 2,387,084; Oct. 16.
McFarland, Alice M., Cincinnati, Ohio. X-ray of flowers and the like. 2,379,814; July 3.
McFarland, Edwin J., Vulcan, Alberta, Canada. Combined pump and rotary engine. 2,374,445; Apr. 24.
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper. 2,380,770; July 31.
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,382,246; Aug. 14.
McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper. 2,383,400; Aug. 21.
McFarland, George L., Jr., Scotia, N. Y., assignor to General Electric Company. Apparatus for charging and sealing tubular containers. 2,381,764; Aug. 7.
McFarland, Silas E., Chicago, Ill. Electrically actuated gun mount. 2,377,091; May 29.
McFarlane, Marguerite, New York, N. Y. Garment closure. 2,379,815; July 3.
McFee, James: *See*—
McNamara, W. L., and McFee.
McGaffey, Edgar W., Bakersfield, assignor of forty-five per cent to C. C. Taylor, Long Beach, and ten per cent to D. W. Ward, Huntington Park, Calif. Well packer. 2,390,112; Dec. 4.
McGarry, John T., and H. A. Eads, Cincinnati, Ohio; said Eads assignor to said McGarry. Water service device. 2,368,993; Feb. 6.
McGarry, John T., and H. A. Eads, Cincinnati, Ohio; said Eads assignor to said McGarry. Railway water column. 2,368,994; Feb. 6.
McGarvey, Harold J., assignor to Colonial Radio Corporation, Buffalo, N. Y. Tuning mechanism for radio receivers and the like. 2,372,099; Mar. 20.
McGarvey, Patrick J., Floral Park, N. Y. Angle gauge and cutting tool. 2,386,330; Oct. 9.
McGavock, Hugh K.: *See*—
McWane, H. E., and McGavock.
McGeary, Frank M.: *See*—
Werkenthin, T. A., and McGeary.
McGeary, Frank M., Washington, D. C., and T. A. Werkenthin, Arlington, Va. Nonsparking deck tread. 2,373,698; Apr. 17.
McGee, Paul L.: *See*—
Buchan, R. C., and McGee.
McGee, William N., Seattle, Wash. Projectile. 2,386,054; Oct. 2.
McGehee, Ira E., Crosby, Tex. Trailer. 2,368,936; Feb. 6.
McGeorge, Walter, Kingston Hill, and F. H. Milner, Twickenham, England. Preparation of a mixture containing sodium bicarbonate. 2,378,147; June 12.
McGeorge, Walter, Kingston Hill, and F. H. Milner, Twickenham, assignors to MacLeans Limited, Brentford, England. Manufacture of sodium bicarbonate. 2,369,475; Feb. 13.
McGihon, Leonard, San Leandro, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Extractor. 2,389,862; Nov. 27.
McGill, Daniel F., Multnomah County, assignor to D. W. Green, Portland, Oreg. Fluid transmission mechanism. 2,369,835; Feb. 20.
McGill, George E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Headlight circuit. 2,377,706; June 5.
McGill, James W., Maryville, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Metal transfer. 2,371,456; Mar. 13.
McGill Manufacturing Company: *See*—
Popp, Rudolf, assignor.
McGill Metal Products Corporation: *See*—
Stilson, Herbert A., assignor.
McGillicuddy, Addeline J., assignor of one-half to G. A. Kjosness, Spokane, Wash., and one-fifth to B. H. Levenson, Washington, D. C. Low temperature resistant resin composition and making same. 2,373,699; Apr. 17.
McGillin, Howard O., and J. P. Vollrath, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring and control instrument. 2,368,937; Feb. 6.
McGivern, Paul V., Tulsa, and J. Chastain, Oklahoma City, Okla., assignors to Baker Oil Tools, Inc., Los Angeles, Calif. Well cementing apparatus. 2,368,419; Jan. 30.
McGlone, Ronald A.: *See*—
Holmen, R. E., and McGlone.
McGoldrick, Raymond T., and L. B. Tuckerman, Washington, D. C. Counting apparatus. 2,378,422; June 19.
McGoldrick, William J., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Supervisory apparatus. 2,373,255; Apr. 10.
McGough, Charles A., Jr.: *See*—
Hallman, E. B., Weaver, and McGough.
McGoury, Thomas E.: *See*—
Haney, C. I., Martin, and McGoury.
McGovern, Anthony, Cleveland, Ohio. Fulcrumed fork. 2,375,857; May 15.
McGowan, Mary Gertrude, Fall River, Mass. Teaching device. 2,386,624; Oct. 9.
McGrath, Arthur C., Chicago, Ill. Keylock conditioner. 2,371,534; Mar. 13.
McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,372,839; Apr. 3.
McGrath, William L., and M. P. Whitney, Elmira, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Mechanical time fuse. 2,369,310; Feb. 13.
McGraw Colorgraph Company: *See*—
Ball, J. A., and Plotin.
McGraw Electric Company: *See*—
Biebel, Herman M., assignor.
Duerkob, Manfred F., assignor.
Olving, Bror G., assignor.
Osterheld, Clark M., assignor.
Scharf, Frank W., assignor.
Willman, Philip E., assignor.
McGraw, Max, et al.: *See*—
Ball, J. A., and Plotin, assignors.
McGreal, Martin: *See*—
Niederl, J. B., V., and McGreal.
McGreevy, James P.: *See*—
Pischel, A., and McGreevy.
McGregor, Rob R., Swissvale, and E. L. Warrick, Westview, Pa., assignors to Corning Glass Works, Corning, N. Y. Organo silicon polymers and making them. 2,375,998; May 15.
McGregor, Rob R., Swissvale, and E. L. Warrick, Westview, Pa., assignors to Corning Glass Works, Corning, N. Y. Dialkylated silicon esters and making them. 2,380,057; July 10.
McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Methyl silicon polymers and preparation. 2,382,082; Aug. 14.
McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Polymeric silicone and making it. 2,384,384; Sept. 4.
McGregor, Rob R., Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Preparation of trimethylsilicon chloride. 2,386,488; Oct. 9.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,802; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,803; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,804; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,805; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,806; Nov. 27.
McGregor, Rob Roy, Verona, and E. L. Warrick, Pittsburgh, Pa., assignors to Corning Glass Works, Corning, N. Y. Stabilizing organo-siloxanes. 2,389,807; Nov. 27.
McGrew, Edwin H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,377,092; May 29.
McGrew, Edwin H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,377,093; May 29.

McGrory, William L., G. H. Pemberton, and E. G. Marinetti, East Providence, R. I. Antislipping attachment for crutches. 2,371,246; Mar. 13.
McGuffin, Harry H., Dorset, Vt. Safety razor of the dry shaver type. 2,371,535; Mar. 13.
McGuigan, William D., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Shielded loop antenna. 2,391,026; Dec. 18.
McGuinness, Edward J., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cleaning apparatus. 2,382,892; Aug. 14.
McGuire, Cecil E., Douglas, Ariz. Aircraft. 2,383,139; Aug. 21.
McGurl, Gilbert V.: *See*—
Lohr, F. D., and McGurl.
McHargue, James P.: *See*—
Goode, Bruce, assignor.
McHarness, Robert C.: *See*—
Downing, F. B., Benning, and McHarness
McHenry, Irving, River Forest, Ill., assignor to Mid-States Gummed Paper Co., Chicago, Ill. Preparing water-resistant containers. 2,391,791; Dec. 25.
McIlvaine, Alexander, New York, N. Y. Safety ski binding. 2,373,128; Apr. 10.
McIlvaine Burner Corporation: *See*—
McIlvaine, John H., assignor.
McIlvaine, John H., Philadelphia, Pa., assignor to McIlvaine Burner Corporation, Chicago, Ill. Oil burner and regulator therefor. 2,387,280; Oct. 23.
McIlvaine, Oran T., St. Charles, Ill. Burner control system. 2,371,057; Mar. 6.
McIlvried, Edwin J., Akron, and N. H. Nye, assignors to The Vaughan Machinery Company, Cuyahoga Falls, Ohio. Drawbench. 2,367,793; Jan. 23.
McIlwrick, James, and O. Desjardins, Hamilton, Ontario, Canada. Charging bucket for electric furnaces and the like. 2,387,457; Oct. 23.
McInerney Spring & Wire Company: *See*—
Brown, Edward H., assignor.
McInnes, Colin, Jr., U. S. Army, Beaver, Pa. Multiple signal discharger. 2,389,162; Nov. 20.
McInnis, George J.: *See*—
Gordineer, P. J., and McInnis.
McIntosh, Maurice D., Cleveland Heights, assignor to L. S. Sanders, Shaker Heights, Ohio. Media for use in making camera copy and preparing same. 2,379,915; July 10.
McIntosh, Robert R., Battle Creek, Mich. Apparatus for controlling draft. 2,377,895; June 12.
McIntosh, Robert R., Battle Creek, Mich. Method and apparatus for draft control. 2,379,916; July 10.
McIntosh, Samuel F., Scarsdale, N. Y. Joint for structural framework. 2,374,550; Apr. 24.
McIntyre, Frederick W., assignor to Reed-Prentice Corporation, Worcester, Mass. Feed for plastic molding machines. 2,380,536; July 31.
McIntyre, James D., Crystal River, Fla. Cleat turner and grading table. 2,387,674; Oct. 23.
McIver, William K., Fort Wayne, Ind., assignor to General Electric Company. Alternating current vernier motor. 2,379,732; July 3.
McJimsey, John E., Larkspur, Calif. Garage door holder. 2,388,490; Nov. 6.
McKaba, Edward, Brooklyn, N. Y. Hyperbolic curve plotting apparatus. 2,385,827; Oct. 2.
McKay, Albert R., Portland, Ore. Coin weight tester. 2,370,869; Mar. 6.
McKay, Augusta P., assignor to Rome Plow Company, Cedartown, Ga. Agricultural implement. Re. 22,627; Apr. 3.
McKay, James R., White Plains, N. Y. Demountable back rest for divan-bed combination. 2,368,938; Feb. 6.
McKay, Lester C., Elmwood Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Liquid sprayer. 2,372,678; Apr. 3.
McKay Machine Company, The: *See*—
Johnston, Dwight A., assignor.
McKay, Neil H., Washington, D. C. Ammunition pack age. 2,374,222; Apr. 24.
McKay, William R., Compton, assignor of one-half to H. F. and H. N. Langlois, Los Angeles, Calif. Fluid clutch. 2,380,660; July 31.
McKeague, James J., Chicago, Ill. Safety device. 2,370,870; Mar. 6.
McKee, Chester W.: *See*—
Frickey, R. E., and McKee.
McKee, Garnet W., deceased, Rockford, Ill.; L. B. McKee, executrix, assignor to herself. Lathe. 2,369,904; Feb. 20.
McKee, George K., Cincinnati, Ohio, assignor to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,374,874; May 1.
McKee, George K., and G. E. Tcimpidis, Cincinnati, Ohio, assignor to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,367,593; Jan. 16.
McKee, Harry A., Washington, Pa. Friction drive. 2,388,491; Nov. 6.
McKee, Lulu B., executrix: *See*—
McKee, Garnet W.
McKee, Mattie E., et al.: *See*—
Mallonee, James W., assignor.
McKee, Ralph H., New York, N. Y. Manufacture of cellulose nitrate. 2,377,435; June 5.
McKee, Ralph W.: *See*—
Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee.
McKeen, Martha, Easton, Pa. Envelope construction. 2,374,026; Apr. 17.
McKeever, Charles H.: *See*—
Spence, Le R. U., and McKeever.
McKellar, Archibald D., Park Ridge, Ill. Carrier. 2,386,489; Oct. 9.
McKenna, James F.: *See*—
Olin, J. F., and McKenna.
McKenna, George W.: *See*—
Traver, O. C., and McKenna.
McKenney, James F., Pittsfield, Mass., assignor to General Electric Company. Electric switching system. 2,391,256; Dec. 18.
McKenzie, Wendell R.: *See*—
Tarwater, L., and McKenzie.
McKeown, John L., Winnetka, Ill. Cable thimble and clamp. 2,381,357; Aug. 7.
McKim, Burton, East Orange, N. J., and O. Myers, Mount Vernon, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,382,893; Aug. 14.
McKinley, Ashley C., Huntington, assignor to McKinley Pneumatic Floats, Inc., Garden City, Long Island, N. Y. Pneumatic flotation gear. 2,391,326; Dec. 18.
McKinley, Benjamin P., assignor to McKinley Mockenhaupt Co., Chicago, Ill. Electrically heated device. 2,391,065; Dec. 18.
McKinley, John S.: *See*—
Bell, W. I., and McKinley.
McKinley Mockenhaupt Co.: *See*—
McKinley, Benjamin P., assignor.
McKinley, Orman O.: *See*—
Spickelmier, E., Long, McKinley, and Day.
McKinley Pneumatic Floats, Inc.: *See*—
McKinley, Ashley C., assignor.
McKinney, Edgar L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Reflector. 2,375,669; May 8.
McKinney, Edgar L., and J. J. Banta, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Apparatus for gauging and straightening. 2,389,206; Nov. 20.
McKinney, Robert M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating titanium oxide pigments. 2,378,148; June 12.
McKinney, Corlus H., Carbondale, assignor to Walter E. Ackermann, Belleville, Ill. Apparatus for making coke. 2,384,184; Sept. 4.
McKinnie, William P., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Engine nacelle. 2,372,905; Apr. 3.
McKinnis, Art C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Separation of hydrocarbons. 2,388,429; Nov. 6.
McKinnis, Ronald B., Winter Haven, Fla. Apparatus for introducing liquids into containers. 2,377,796; June 5.
McKinnis, Ronald B., Winter Haven, Fla. System for controlling the flow of liquid into containers. 2,389,268; Nov. 20.
McKinnis, Ronald B., Winter Haven, Fla. Apparatus for filling containers. 2,390,443; Dec. 4.
McKinsey, Mark H.: *See*—
Fitting, R. U., Jr., and McKinsey.
McKissick, William H.: *See*—
McKissick, W. H., and Fate, assignors.
McKissick, William H., and J. E. Fate, Jr., Tulsa, Okla., assignors, by mesne assignments, to W. H. McKissick. Snatch block. 2,366,636; Jan. 2.
McKnight, Lynn B., assignor to Chain Belt Company, Milwaukee, Wis. Idler roll for belt conveyers. 2,391,178; Dec. 18.
McKnight, William H.: *See*—
Powell, G. M., III, and McKnight.
McKnight, William M., Butler, Pa. Interlocking sealing device. 2,367,882; Jan. 23.
McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Medical x-ray radiography for locating embedded materials. 2,387,597; Oct. 23.
McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. X-ray radiography of inclusions. 2,387,704; Oct. 23.
McLain Fire Brick Company, The: *See*—
Blewett, John B., assignor.
McLain, William R., F. V. Miller, and E. H. Green, Huntsville, Ala. Distributing insecticides. 2,385,636; Sept. 25.
McLane, Samuel F.: *See*—
McLane, Virgle F. and S. F.
McLane, Virgle F. and S. F., assignors to Southern Loom Reed Manufacturing Company, Inc., Gaffney, S. C. Loom reed. 2,383,140; Aug. 21.
McLaren, Ian, New York, N. Y. Bubble forming device. 2,382,949; Aug. 14.
McLaren, Peter J.: *See*—
Maxson, W. L., McLaren, and Green.
McLarn, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Cord connector for telephone instruments. 2,367,298; Jan. 16.

McLarn, Ernest S., Manhasset, N. Y., and F. A. Leibe, Quakertown, Pa., assignors to International Standard Electric Corporation, New York, N. Y. Magnetic signal. 2,367,299; Jan. 16.

McLarty, Frank W., Vernon, Tex. Amphibian vehicle. 2,386,132; Oct. 2.

McLauchlan, Arthur B., Salem, Oreg. Machine for sealing waxed paper bags. 2,385,583; Sept. 25.

McLaughlin, John C., Duluth, Minn. Lifting jack. 2,388,004; Oct. 30.

McLaughlin, F. L.: *See*—
Burke, James P., assignor.

McLaughlin, Frederick D., Shaker Heights, assignor to The Chandler & Price Company, Cleveland, Ohio. Paper-cutting machine. 2,379,171; June 26.

McLaughlin, Robert W., Jr., Bedford Village, assignor to American Houses, Inc., New York, N. Y. Chimney construction. 2,381,548; Aug. 7.

McLaughlin, Robert W., Jr., Bedford Village, assignor to American Houses, Inc., New York, N. Y. Building construction unit. 2,389,863; Nov. 27.

McLean, David A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical condenser and dielectric element. 2,391,686; Dec. 25.

McLean, David A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilization of electric condensers. 2,391,687; Dec. 25.

McLean, David A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of electrical condensers. 2,391,688; Dec. 25.

McLean, John A., Edmonton, Alberta, Canada. Bicycle. 2,383,000; Aug. 21.

McLean, John A., Jr., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Propeller type fan. 2,390,804; Dec. 11.

McLean, Leland O., and F. L. White, assignors to The Osgood Company, Marion, Ohio. Pressure fluid clutch 2,370,360; Feb. 27.

McLean, Philip S.: *See*—
Brown, William F., assignor.

McLean, Robert E., Fort Benning, Ga. Rotary type can opener. 2,386,490; Oct. 9.

McLean, William A., assignor to Geneva Processes, Inc., Geneva, N. Y. Emulsifying mill. 2,370,978; Mar. 6.

McLellan, Kenneth M., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread guide. 2,385,097; Sept. 18.

McLellan, Kenneth M., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Balloon girdle. 2,386,704; Oct. 9.

McLemore, Price C., Montgomery, Ala. Flame cultivation of plants. 2,369,154; Feb. 13.

McLemore, Price C., Montgomery, Ala., and V. Knudsen, Honolulu, Territory of Hawaii, said Knudsen assignor to Atherton Richards, Washington, D. C. Apparatus for flame cultivation of plants. 2,391,027; Dec. 18.

McLennan, Alexander, Norwood, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reversible single-phase motor. 2,389,381; Nov. 20.

McLeod, John H.: *See*—
Turner, J. R., McLeod, and Bullock.

McLeod, Stewart B., Detroit, assignor to Motor State Products Company, Ypsilanti, Mich. Hydraulic lift mechanism. 2,388,755; Nov. 13.

McLoughlin, Arthur J., Elmhurst, N. Y. Window structure. 2,375,013; May 1.

McLoughlin, George H., Scranton, Pa., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone switch or telephone contact. 2,384,948; Sept. 18.

McLoughlin, Harold F., Shenstone, near Lichfield, W. E. Hill, Streetly, and R. W. Morgan and T. D. G. Wintle; said McLoughlin assignor to J. A. Crabtree & Co. Limited, Walsall, Stafford County, England. Electrical wiring system. 2,382,647; Aug. 14.

McLucas, William, Glasgow, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle scouring and polishing machine. 2,380,058; July 10.

McMahan, Kenton D., Scotia, N. Y., assignor to General Electric Company. Centrifugal compressor. 2,380,772; July 31.

McMahon, Jerome B., Wilmette, assignor to Republic Flow Meters Company, Chicago, Ill. Control apparatus. 2,380,858; July 31.

McMahon, Richard P., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,366,920; Jan. 9.

McManus, Charles E., Spring Lake, N. J., and W. I. Gladfelter, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Metal container. 2,367,300; Jan. 16.

McManus, Charles E., Spring Lake, N. J., and J. D. Elder, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for depositing vaporized metal coatings. 2,382,432; Aug. 14.

McMaster, Harold A.: *See*—
Fowler, I. G., and McMaster.

McMaster, Harold A., and F. A. Rodman, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Rear vision optical instrument. 2,374,027; Apr. 17.

McMechan, Maurice H., assignor to Western Products Company, Inc., Yakima, Wash. Refrigeration. 2,380,537; July 31.

McMenamy, Robert J., Syracuse, N. Y. Wallpaper removing device. 2,377,949; June 12.

McMillan, Andrew, assignor to Chain Belt Company, Milwaukee, Wis. Control mechanism for concrete mixers. 2,375,014; May 1.

McMillan, Graham W., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovering crystalline riboflavin. 2,367,646; Jan. 16.

McMillan, Wallace A., Glenham, assignor to The Texas Company, New York, N. Y. Fractionating apparatus. 2,374,549; Apr. 24.

McMullen, Frederick E., assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,385,220; Sept. 18.

McMullen, John F.: *See*—
McMullen, J., Rozesky, and McMullen.

McMullen, John, and L. F. Rozesky, Buffalo, N. Y., and J. F. McMullen, Cleveland Heights, Ohio. Waste retainer. 2,371,247; Mar. 13.

McMullen, Matilda: *See*—
Gallagher, Hugh J., assignor.

McMullen, Robert L., Trenton, N. J., assignor to Kaiser Cargo, Inc., Bristol, Pa. Gun assembly. 2,380,773; July 31.

McMinn, Wiley W., Orange, and O. M. Brant, North Arlington, assignors to Aga Metal Tube Company, Elizabeth, N. J. Manufacture of spiral wound members. 2,377,950; June 12.

McMinnis, William, Elkhart, Ind. Railroad engineman's clear vision window. 2,368,555; Jan. 30.

McMordie, Stanley, Arlington, and D. A. Peterson, Chelsea, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Dipping machine. 2,389,319; Nov. 20.

McMurphy, Jay A., Sonoma, Calif. Cable clamp. 2,374,875; May 1.

McNab, John G., Cranford, and W. T. Watkins, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricants and preparing same. 2,379,241; June 26.

McNab, John G., Cranford, C. J. Wilson, and C. Winning, Westfield, N. J., assignors to Standard Oil Development Company. Lubricating oil composition. 2,391,099; Dec. 18.

McNabb, Louis A., Glenview, assignor to The Bell & Howell Company, Chicago, Ill. Heat shield for incandescent lamps. 2,385,526; Sept. 25

McNabney, Ralph: *See*—
Wegst, W. F., McNabney, and Bacon.

McNally, James G.: *See*—
Dickey, J. B., and McNally.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds. 2,373,407; Apr. 10.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,373,700; Apr. 17.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,375,804; May 15.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. N-phosphono-phosphatoalkyl cyclic amines. 2,381,071; Aug. 7.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo compounds. 2,382,433; Aug. 14.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Phosphated blown oils. 2,386,250; Oct. 9.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Monoazo compounds. 2,390,113; Dec. 4.

McNally, James G., and J. R. Byers, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Fluorine containing azo compounds. 2,391,179; Dec. 18.

McNally, James G., Oak Ridge, Tenn., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Sulphonamido azo pyrazolones. 2,391,180; Dec. 18.

McNamara, Francis J., Paulsboro, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for indicating and controlling the flow of solid materials. 2,368,672; Feb. 6.

McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Steering mechanism. 2,371,835; Mar. 20.

McNamara, John J., Chicago, Ill. Well drilling tool. 2,371,248; Mar. 13.

McNamara, Patrick B.; *See*—
Blanding, Joseph E., assignor.

McNamara, William L., and F. Z. Fouse, assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Leer loader. 2,375,936; May 15.

McNamara, William L., Lancaster, Ohio, and J. McFee, Camp Cooke, Calif., assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Lehr loader. 2,390,725; Dec. 11.

McNamee, Bernard F., Altadena, assignor to The Superior Oil Company, Los Angeles, Calif. Viscosimeter. 2,378,491; June 19.

McNamee, Raymond W., South Charleston, W. Va., and L. G. MacDowell, Lakeland, Fla., assignors to Carbide and Carbon Chemicals Corporation. Esters of alkoxyacetic acids. 2,366,276; Jan. 2.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Strainer. 2,366,451; Jan. 2.
McNealy, Eddins W., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Acid treating. 2,372,441; Mar. 27.
McNeely, David B., Calvert, Tex. Thumb-controlled coping saw. 2,383,871; Aug. 28.
McNeely, Lowell: *See*—
Reid, J. G., Jr., and McNeely.
McNeer, Roscoe C., Richmond, Va. Antiskid device. 2,390,956; Dec. 11.
McNeight, Samuel A.: *See*—
Reichert, J. S., McNeight, and Elston.
McNeil, Gordon I., assignor to Wingfoot Corporation, Akron, Ohio. Tank track and method and apparatus for making same. 2,375,170; May 1.
McNish, Alexander F., Scone, assignor of one-half to John Moncrieff Limited, Perth, Scotland. Glass forming machine. 2,376,928; May 29.
McNish, Alvin G., Washington, D. C., assignor to United States of America, as represented by the Secretary of War. Quadrantal corrector for magnetic compasses. 2,390,844; Dec. 11.
McNitt, Robert J., Perth Amboy, N. J. Detecting faulty electrolytic cell operation. 2,374,762; May 1.
McNitt, Robert J., Perth Amboy, N. J. Recovery of light metals. 2,375,232; May 8.
McNitt, Robert J., Perth Amboy, N. J. Method and apparatus for recovering a light metal. 2,382,434; Aug. 14.
McNitt, Robert J., Perth Amboy, N. J. Electrolysis of fused baths. 2,390,114; Dec. 4.
McNitt, Robert J., Perth Amboy, N. J. Apparatus for purifying light metals. 2,390,115; Dec. 4.
McNitt, Robert J., Perth Amboy, N. J. Operating electrolytic cells. 2,390,548; Dec. 11.
McNulty, George M.: *See*—
Zimmer, J. C., and McNulty.
McOmie, Rulon W., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Regeneration of contact materials. 2,386,491; Oct. 9.
McPherson, Charles B., Birmingham, Ala. Spark plug cleaner. 2,376,497; May 22.
McQuay-Norris Manufacturing Company: *See*—
Smith, Dallas M., assignor.
McQueen, David M.: *See*—
Dorough, G. L., and McQueen
McQueen, David M., assignor by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography and compositions and articles therefor utilizing polymeric color formers. 2,367,036; Jan. 9.
McQuiston, Dwight D., Richmond, Ind., assignor to Belden Manufacturing Company. Molded strain relief. 2,386,000; Oct. 2.
McRae, Dudley A: *See*—
Heywood, V. E., and McRae.
McReynolds, James P.: *See*—
Fernelius, W. C., and McReynolds.
McRoberts, Richard C., Tama, Iowa. Nail cleaning attachment for nail files. 2,390,381; Dec. 4.
McVey, Christian M., Denville, N. J. Coating machine. 2,375,805; May 15.
McVicar, Harold R., assignor to The Dunham Company, Berea, Ohio. Tractor operated disk harrow 2,376,609; May 22.
McVitty, Edward W., New York, N. Y. Floating breakwater for seaplanes, flying boats and for other uses. 2,388,171; Oct. 30.
McWane, Henry E., Lynchburg, Va. Apparatus for casting articles in permanent metal molds. 2,367,727; Jan. 23.
McWane, Henry E., and H. K. McGavock, Lynchburg, Va.; said McGavock assignor to said McWane. Casting. 2,387,803; Oct. 30.
McWatters, Robert S., Ottawa, Ontario, Canada. Safety razor. 2,372,100; Mar. 20.
McWhirter, Eric M. S., R. H. Dunn, C. H. Chambers, and F. W. Warden, London, England. Electrical remote control or supervisory systems. 2,369,678; Feb. 20.
McWhirter, Eric M. S., and C. H. Chambers, London, W. C. 2, England, assignors to International Standard Electric Corporation, New York, N. Y. Telemetering system. 2,372,593; Mar. 27.
McWhirter, Eric M. S., and R. H. Dunn, assignors to Standard Telephones and Cables Limited, London, England. Supervision of electric power supply circuits. 2,377,506; June 5.
McWhorter, Alfred D., Memphis, Tenn. Rail grinder. 2,369,836; Feb. 20.
McWhorter, C. J.: *See*—
Smith, Louie F., assignor.
McWhorter, Charles R., Ferguson, Mo., assignor to Curtiss-Wright Corporation. Center of gravity location indicator. 2,391,257; Dec. 18.
McWilliams, John W., and P. R. Moss, Birmingham, Ala., assignors to Tennessee Coal, Iron, and Railroad Company. Scrap shear. 2,368,152; Jan. 30.
Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,386,133; Oct. 2.
Mead, Edward S., Philadelphia, Pa. Briquet and manufacturing same. 2,370,060; Feb. 20.
Mead, George A., assignor to The Ohio Brass Company, Mansfield, Ohio. Current collector. 2,369,837; Feb. 20.
Mead, Harry L., and E. J. Maust, Brewster, Fla., assignor to American Cyanamid Company, New York, N. Y. Flotation of acidic minerals. 2,369,311; Feb. 13.
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 2,368,860; Feb. 6.
Mead, Theodore E., Wilmette, Ill. Work feeding device. 2,385,521; Sept. 25.
Mead, Theodore E., Wilmette, Ill. Control valve. 2,388,560; Nov. 6.
Meade, Reginald E., and H. L. Pollard, Appleton, and N. E. Rodgers, Madison, Wis., assignors to Western Condensing Company, San Francisco, Calif. Manufacturing a vitamin concentrate. 2,369,680; Feb. 20.
Meader, Warren S., et al.: *See*—
Sharp, William V., assignor.
Meadow, Jacob R., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Di-tertiary alkyl sulphides. 2,366,453; Jan. 2.
Meadows, Charles: *See*—
Waters, H. A., and Meadows.
Meadows, Joyce G., Mount Pleasant, Tex. Casket plaque. 2,389,447; Nov. 20.
Meagher, Fred P., Media, Pa. Cooking and heating apparatus. 2,369,972; Feb. 20.
Meaker, John W.: *See*—
Wilsey, I. H., and Meaker.
Meaker, John W., Evanston, Ill. Electrical perforation of paper and other fabrics. 2,372,508; Mar. 27.
Meaker, John W., Evanston, and E. H. Yonkers, Jr., Glencoe, Ill.; said Yonkers, Jr., assignor to said Meaker. Electroperforation of sheet material. 2,388,069; Oct. 30.
Meakin, Edgar T., San Francisco, Calif. Apparatus for making pellets. 2,391,638; Dec. 25.
Means, Dwight, Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Transportation of caustic. 2,384,111; Sept. 4.
Means, Dwight R., Wadsworth, Ohio, assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic cell. 2,368,861; Feb. 6.
Means, Ralph P., Jr., Saginaw, assignor to General Motors Corporation, Detroit, Mich. Ball bearing screw and nut gear. 2,380,662; July 31.
Mears Radio Hearing Device Corp.: *See*—
Merrill, Lawrence V., assignor.
Mecca, Sebastian B., assignor to Schuylkill Chemical Company, Philadelphia, Pa. Therapeutic product and making same. 2,370,561; Feb. 27.
Mecca, Sebastian B., assignor to Schuylkill Chemical Company, Philadelphia, Pa. Plant growth stimulant. 2,382,326; Aug. 14.
Mechanical Handling Systems, Inc.: *See*—
Stuart, Clarence C., assignor.
Medco Products Co.: *See*—
Gessler, Harry C., assignor.
Medcoff, Franklin E., Grand Rapids, Mich. Barking machine. 2,382,896; Aug. 14.
Meddock, Alvin A.: *See*—
Heineck, P. B., and Meddock.
Medical & Industrial Equipment Limited: *See*—
Talley, Henry A. E., assignor.
Medley, Harold C., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Lifting tool for elevator chains. 2,377,258; May 29.
Medved, Nicholas, Cleveland, Ohio. Roller bearing. 2,383,142; Aug. 21.
Meehan, Howard W.: *See*—
Krumreich, C. L., and Meehan.
Meeker, David A., assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,380,059; July 10.
Meeker, David A., Troy, and K. C. Allen, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Scale. 2,383,404; Aug. 21.
Meem, Marie S., Bethesda, Md. Bed footboard. 2,379,369; June 26.
Meets-A-Need Manufacturing Company: *See*—
Dickey, Roy N., assignor.
Mefferd, Paul H., Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio. Counting mechanism. 2,390,444; Dec. 4.
Mefford, Fred E., Colorado Springs, Colo. Buckle. 2,386,251; Oct. 9.
Mefina, S. A.: *See*—
Hönger, Guido, assignor.
Megar, David, New York, N. Y. Spring bar. 2,382,249; Aug. 14.
Mégel, Georges: *See*—
Mancia, J., and Mégel.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Control switch for calculating machines. 2,377,707; June 5.
Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Gyro-vertical. 2,378,858; June 19.

Mehan, Thomas O., Park Ridge, assignor to Victor Adding Machine Co., Chicago, Ill. Gyro-vertical. 2,384,761; Sept. 11.

Mehan, Thomas O., Park Ridge, and Hunter E. Hooe, assignors to Victor Adding Machine Co., Chicago, Ill. Multiplying machine. 2,379,449; July 3.

Mehl, Ernst, Essex, England. Production of iron powder. 2,389,734; Nov. 27.

Mehler, Albert J., Jr., Waynesboro, Va., assignor to E. I du Pont de Nemours & Company, Wilmington, Del. Spinning process. 2,366,278; Jan. 2.

Mehler, Hugo, Churchville, Pa. Tubular netting. 2,376,442; May 22.

Mehlhope, Lincoln E., and E. D. Vancil, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine. 2,368,315; Jan. 30.

Mehline, Emile O., and W. Calvert, Seattle, Wash. Food-processing mechanism. 2,385,828; Oct. 2.

Mehring, Arthur C.: *See*—
Goldsborough, S. L., and Mehring.
Sonnemann, W. K., Mehring, and Goldsborough.

Mehring, Arthur C., East Orange, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Universal high-speed directional relay. 2,380,187; July 10.

Mehring, Arthur C., East Orange, and S. L. Goldsborough, Basking Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Three-magnet double-loop directional relay. 2,379,918; July 10.

Meier, Herbert H., Baytown, Tex., assignor to Standard Oil Development Company. Production of aromatic hydrocarbons. 2,375,573; May 8.

Meierhofer, Max, Erlenbach, Zurich, Switzerland. Joints for leg supports and artificial limbs in general. 2,379,538; July 3.

Meikle, James L., et al.: *See*—
Hunsdorf, William P., assignor.

Meikle, John D., Mount Lebanon, Pa. Flame arrester. 2,379,735; July 3.

Meiklejohn, Robert, Jr., Westfield, N. J., assignors to Union Carbide and Carbon Corporation. Fluid heating and discharging device. 2,373,588; Apr. 10.

Meilstrup, Emil E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,384,560; Sept. 11.

Meincke, Edmund R., Akron, Ohio, assignor to American Cyanamid Company, New York, N. Y. Plasticizing polyvinyl chloride. 2,386,405; Oct. 9.

Meincke, Howard D., Jr., assignor to Howard D. Meincke, Sr., Glencoe, Ill. Treatment of water containing chlorides dissolved therein. 2,374,116; Apr. 17.

Meincke, Howard D., Jr., assignor to Howard D. Meincke, Sr., Glencoe, Ill. Treatment of water containing chlorides and sodium dissolved therein. 2,391,258; Dec. 18.

Meincke, Howard D., Sr.: *See*—
Meincke, Howard D., Jr., assignor.

Meinert, Richard N., Westfield, N. J., assignor to Standard Oil Development Company. Dehydrogenation process. 2,387,524; Oct. 23.

Meinzer, Gotthold H.: *See*—
Cornell, M., and Meinzer.

Meir, Joseph K., and D. G. Derrick, New York, N. Y. Drill press attachment. 2,377,259; May 29.

Meiselman, Edna: *See*—
Meiselman, Samuel J., assignor.

Meiselman, Samuel J., assignor to E. Meiselman, Lynbrook, N. Y. Seat. 2,370,061; Feb. 20.

Meisenburg, Kurt: *See*—
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode. Meisenburg, and Meisenheimer.

Meisenheimer, Marianne: *See*—
Pfaff, K., Erlenbach, Finkhenbrink, Maier-Bode. Meisenburg, and Meisenheimer.

Meister, George: *See*—
Marden, J. W., and Meister.

Meister, Leo, Irvington, N. J. Work positioning apparatus. 2,381,458; Aug. 7.

Meister, Leo, Irvington, N. J. Work positioning apparatus. 2,383,008; Aug. 21.

Meister, Leo, Irvington, N. J. Apparatus for inspecting flash holes in primer tubes. 2,385,367; Sept. 25.

Meites, Leonard, Chicago, Ill. Water softening and washing product and preparing same. 2,385,928; Oct. 2.

Meites, Leonard, Chicago, Ill. Water softening and washing product and method of preparing same. 2,385,929; Oct. 2.

Meitner, Béla, Whitchurch, assignor to Aero Zipp Fasteners Limited, London, England. Apparatus for use in the manufacture of sliding clasp fasteners. 2,368,316; Jan. 30.

Meitzen, Curt J., Wauwatosa, Wis. Carton and carton blanks. 2,386,905; Oct. 16.

Mejean, Jacques G., Westport, and R. H. Amand, Norwalk, Conn. Transmission system. 2,366,637; Jan. 2.

Mejia, Carlos V. R., Buenos Aires, Argentina. Syringe. 2,374,368; Apr. 24.

Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Control of reaction temperature in endothermic and exothermic reactions. 2,389,448; Nov. 20.

Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Regeneration of solid contact material. 2,391,327; Dec. 18.

Mekler, Lev A., and C. G. Gerhold, assignors to Universal Oil Products Company, Chicago, Ill. Reactor. 2,369,478; Feb. 13.

Melbourne, Robert W., assignor to Adrian Production Tool Co., Adrian, Mich. Rotary file. 2,367,597; Jan. 16.

Melchert, Charles A., Drexel, assignor to General Vender Mfg. Co., Kansas City, Mo. Vending machine mechanism. 2,371,343; Mar. 13.

Melchior, Norten C.: *See*—
Evans, T. W., Morris, and Melchior.

Meletti, Adolph, Philadelphia, Pa., assignor to Vacuum Cleaner Corp. of America. Spring-wound cord-controlled take-up reel. 2,391,840; Dec. 25.

Melichar, Joseph F.: *See*—
Parker, A. L., Davies, and Melichar.

Melichar, Joseph F., assignor to The Parker Appliance Company, Inc., Cleveland, Ohio. Valve assembly. 2,383,983; Sept. 4.

Melick, Thomas E.: *See*—
Dirkes, R. F., Long, Melick, and Hewitt.

Melidoni, Constantine, New York, N. Y. Piston expander. 2,390,845; Dec. 11.

Mellar Bromley & Co. Limited: *See*—
Bromley, T. C., and Shortland, assignors.

Meller, Reginald, Oakland, Calif. Container. 2,391,639; Dec. 25.

Meller, Reginald B., Oakland, Calif. Box. 2,366,419; Jan. 2.

Mellien, Raymond J., Lake Geneva, Wis. Camera. 2,377,954; June 12.

Mellinger, Arthur G., Lancaster, Pa. Hydraulic power unit. 2,390,957; Dec. 11.

Mellon, Joseph M., Detroit, Mich. Safety razor. 2,374,612; Apr. 24.

Mellor Bromley & Co. Limited: *See*—
Freeman, Samuel R. T., assignor.
Bromley, T. C., and Shortland, assignors.

Mellor, Fred, Shreveport, assignor of one-half to H. George, Benton, La. Paper roll rack. 2,381,303; Aug. 7.

Melroe, Edward G., Gwinner, N. Dak. Harvester pick-up device. 2,385,829; Oct. 2.

Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,374,224; Apr. 24.

Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,374,225; Apr. 24.

Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,374,226; Apr. 24.

Melsom, Walter A., Wembley Hill, assignor to Bowden (Engineers) Limited, London, N. W. 10, England. Flexible hose coupling. 2,384,635; Sept. 11.

Melton, Clarence C., Kansas City, assignor to Transcontinental & Western Air, Inc., North Kansas City, Mo. Cleaning apparatus for oil coolers. 2,380,604; July 31.

Melton, Romie L., assignor to The Carborundum Company, Niagara Falls, N. Y. Coating and treating material. 2,366,926; Jan. 9.

Melton, Romie L., assignor to The Carborundum Company, Niagara Falls, N. Y. Forming web material. 2,385,873; Oct. 2.

Melton, Romie L., and A. J. Thompson, assignors to The Carborundum Company, Niagara Falls, N. Y. Coating apparatus. 2,378,025; June 12.

Melvin, William T., and R. L. Rougemont, assignors to Reed-Prentice Corporation, Worcester, Mass. Lubricating arrangement for power driven saws. 2,391,730; Dec. 25.

Melzer, Frederick A., Gary, Ind. Grip mechanism for testing machines. 2,391,435; Dec. 25.

Menasco Manufacturing Company: *See*—
Wood, Wilbur G., assignor.

Menchaca, Manuel, Laredo, Tex. Pinning machine. 2,378,423; June 19.

Mendel, Alfred: *See*—
Tryfus, F., and Mendel.

Mendelsohn, Bernard E., Brookline, assignor of one-half to B. H. Benson, Boston, Mass. Tire. 2,375,127; May 1.

Mendelsohn, Bernard E., Brookline, assignor of forty-two and one-half per cent to B. H. Benson, Boston, Mass., and fifteen per cent to I. Fisher, New Haven, Conn. Tire construction. 2,391,841; Dec. 25.

Mendelsohn, Majer, New York, N. Y. Antiseptic composition. 2,386,252; Oct. 9.

Mendelsohn, Samuel, Montclair, N. J. Ejector socket. 2,384,327; Sept. 4.

Mendelssohn, Kurt: *See*—
Macintosh, R. R., Mendelssohn, and Salt.

Mendenhall, Elwyn E.: *See*—
Wilson, J. L., and Mendenhall.

Mendes, John C., Mattapan, assignor, by mesne assignments, to W. Herbits, Boston, and F. L. Harney, Jr., Newton, Mass., doing business as Consumers' Plan. Collating machine and assembling sheets. 2,371,179; Mar. 13.

Mendez, Ciro F., assignor to Archibald Gold, New York, N. Y. Heating device. 2,379,820; July 3.
Mendius, William, Munster, Ind., assignor to Sinclair Refining Company, New York, N. Y. Apparatus for determining the proportions of admixed immiscible liquids. 2,371,457; Mar. 13.
Mendles, Theodore R., assignor of one-half to J. Bassetti, Jersey City, N. J. Toy gun. 2,371,059; Mar. 6.
Menefee, Arthur B., Cumberstone, Md., and H. H. Greger, Washington, D. C. Decolorizing sulphur. 2,385,527; Sept. 25.
Menendez, José A.: *See*—
Valerino, W. P., and Menendez.
Mengel Company, The: *See*—
Davis, Oliver C., assignor.
Menger, Francis B., Lancaster Township, Lancaster County, and L. E. Gaenzle, assignors to Armstrong Cork Company, Lancaster, Pa. Forming cork articles. 2,371,060; Mar. 6.
Menges, Louis J., Montclair, N. J. Sanitary apparatus for toilet doors. 2,384,949; Sept. 18.
Menking, Heinz, Rocky River, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Shuttle. 2,385,718; Sept. 25.
Mennesson, Marcel L., Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Carburetion device for internal-combustion engines. 2,389,922; Nov. 27.
Mentecki, Sigmund: *See*—
Palisano, V. H., and Mentecki.
Mentley, Max B., assignor to National Broach and Machine Company, Detroit, Mich. Gear finishing. 2,372,444; Mar. 27.
Mentzer, Ralph B., New Holland, Pa., assignor to Hamilton Watch Company, Lancaster, Pa. Band lap. 2,369,068; Feb. 6.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Surfacing machine. 2,381,833; Aug. 7.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Surfacing machine. 2,382,940; Aug. 14.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Surface marking device. 2,385,014; Sept. 18.
Mentzer, Ralph B., assignor to Hamilton Watch Company, Lancaster, Pa. Shaping machine. 2,385,015; Sept. 18.
Menzel, Carl A., Homewood, Ill. Concrete reinforcing bar. 2,374,827; May 1.
Menzies, Alexander W., assignor to Sir W. G. Armstrong Whitworth Aircraft Limited, Coventry, England. Feed and regulating means for machine-tools. 2,372,906; Apr. 3.
Mercantile Bank, administrator: *See*—
Kohler, Joseph H.
Mercer, Arthur A., assignor of one-half to E. N. Mason & Sons Limited, Colchester, England. Toolholder. 2,370,742; Mar. 6.
Mercer, Mabel V., Arlington, Va. Motion picture apparatus. 2,383,493; Aug. 28.
Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Airplane landing gear. 2,367,467; Jan. 16.
Mercier, Jean, Neuilly-sur-Seine, France. Automatic locking jack. 2,373,773; Apr. 17.
Mercier, Jean, New York, N. Y. Packing ring. 2,372,907; Apr. 3.
Mercier, Jean, New York, N. Y. Pumping apparatus. 2,379,539; July 3.
Mercier, Jean, New York, N. Y. Locking valve. 2,385,016; Sept. 18.
Mercier, Jean, New York, N. Y. Duplex elastic seal. 2,386,873; Oct. 16.
Mercier, Jean, New York, N. Y. Oleopneumatic storage device. 2,387,598; Oct. 23.
Mercier, Jean, New York, N. Y. Oil tight joint. 2,390,445; Dec. 4.
Mercier, Joachim, Arvida, Quebec, Canada. Branch pipe attaching device. 2,385,017; Sept. 18.
Mercier, Pierre E., New York, N. Y. Exhaust manifold for internal-combustion engines. 2,388,924; Nov. 13.
Mercier, Pierre E., New York, N. Y., assignor, by mesne assignments, to Helfeda, S. A., Geneva, Switzerland. Exhaust conduit. 2,370,062; Feb. 20.
Mercier, Pierre E., New York, N. Y., assignor, by mesne assignments, to Helfeda, S. A., Geneva, Switzerland. Exhaust manifold. 2,377,708; June 5.
Mercier, Pierre E., Westport, Conn. Airplane power plant. 2,390,161; Dec. 4.
Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Shear pin mechanism. 2,384,188; Sept. 4.
Mercier, Stanley M., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Elevator. 2,384,189; Sept. 4.
Merck & Co., Inc.: *See*—
Dalmer, O., Diehl, and Pieper, assignors.
Folkers, Karl, assignor.
Folkers, K., and Koniuszy, assignors.
Folkers, K., and Major, assignors.
Folkers, K., and Shavel, assignors.
Harris, Stanton A., assignor.
Keresztesy, J. C., and Stevens, assignors.
Major, R. T., and Bonnett, assignors.
Major, R. T., and Cook, assignors.
Mozingo, Ralph, assignor.
Merck & Co., Inc.: *See*—Continued
Newbery, George, assignor.
Sletzinger, M., and Paulsen, assignors.
Stein, G. A., and Moran, assignors.
Stiller, Eric T., assignor.
Tishler, Max, assignor.
Tishler, M., and Beutel, assignors.
Tishler, M., and Wellman, assignors.
Treacy, Cyril S., assignor.
Trenner, N. R., and Bacher, assignors.
Van de Kamp, J., and Sletzinger, assignors.
Waksman, S. A., and Woodruff, assignors.
Weijlard, J., and Messerly, assignors.
Weijlard, J., Messerly, and Tishler, assignors.
Weijlard, J., and Ziegler, assignors.
Merckel, Frederick G., Montclair, assignor to Novadel-Agene Corporation, Newark, N. J. Brew cooling. 2,376,373; May 22.
Merckx, Philibert L. J. R.: *See*—
Bruylants, P., and Merckx.
Merco Nordstrom Valve Company: *See*—
Hedene, Edwin E., assignor.
Meredew, George C., assignor to Self-Priming Pump & Engineering Co. Limited, London, England. Motor-driven centrifugal pump for liquid. 2,384,254; Sept. 4.
Meredew, George C. and A. L. B. Dawson, assignors to Self-Priming Pump & Engineering Co. Limited, London, England. Centrifugal pump for liquid. 2,381,834; Aug. 7.
Meredith, Frederick W., assignor to S. Smith & Sons, (England) Limited, London, England. Gyroscopic navigational instrument. 2,366,543; Jan. 2.
Meredith, Frederick W., London, England, assignor to S. Smith & Sons (England) Limited. Bottom-heavy gyroscope. 2,380,538; July 31.
Meredith, Howard J.: *See*—
Gollmar, H. A., and Meredith.
Meredith, Russell, Los Angeles, Calif., assignor to Northrop Aircraft, Inc. Inert gas blanketed arc welding torch. 2,376,265; May 15.
Meredith, Trenton, New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Carton. 2,373,701; Apr. 17.
Meree, Cecil E.: *See*—
Ebinger, R. L., and Meree
Mereen-Johnson Machine Company: *See*—
Bolling, Oscar S., assignor.
Mergenthaler Linotype Company: *See*—
Mead, Richard R.
Plastaras, James C., assignor.
Meriam Instrument Company, The: *See*—
Hejduk, Arthur A., assignor.
Merit Engineering, Inc.: *See*—
Stevenson, R., and Keema, assignors.
Merk, George S., Flushing, N. Y. Handbag frame strip for attaching bag material to bag frames. 2,390,315; Dec. 4.
Merla Tool Corporation: *See*—
Walton, Robert O., assignor.
Merlub-Sobel, Menahem, Rahway, N. J., assignor to Virginia-Carolina Chemical Corporation, Richmond, Va. Insecticide. 2,386,492; Oct. 9.
Mermis, William L., Youngstown, Ohio. Surgical fixture. 2,386,134; Oct. 2.
Mermis, William L., Youngstown, Ohio. Surgical fixture. 2,389,269; Nov. 20.
Merrell, Edwin J., Eastchester, N. Y., assignor to Phelps Dodge Copper Products Corporation, Dover, Del. Powder fiber sheet. 2,389,678; Nov. 27.
Merrell, Wm. S., Company, The: *See*—
Rieveschl, G., Jr., and Ray, assignors.
Shelton, Robert S., assignor.
Shelton, R. S., and Van Campen, assignors.
Van Zoeren, Gerrit J., assignor.
Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Production of sulphur dioxide. 2,389,071; Nov. 13.
Merriam, Henry F., West Orange, N. J., and A. M. Harkness, Nyack, assignors to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,389,070; Nov. 13.
Merriam, Henry H., assignor to H. D. Boardman, Jackson, Mich., as trustee. Cable splicing clamp. 2,388,862; Nov. 13.
Merriam Manufacturing Company, The: *See*—
Wiepert, George D., assignor.
Merrick, Albert W., Ossining, assignor to Austenal Laboratories, Inc., New York, N. Y. Turbine bucket for exhaust turbine superchargers. 2,381,459; Aug. 7.
Merrick, De Witt D., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical connector. 2,373,841; Apr. 17.
Merrick Scale Mfg. Company: *See*—
Hohman, Robert F., assignor.
Merrill, Allan B.: *See*—
Peterson, E., and Merrill.
Merrill, George L., East Cleveland, T. F. Carlin, Cleveland, and E. J. Batorski, Garfield Heights, assignors to The Cleveland Hobbing Machine Co., Euclid, Ohio. Hobbing machine. 2,390,607; Dec. 11.
Merrill, Joseph A., Winnetka, Ill., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Liquid dispensing apparatus. 2,381,304; Aug. 7.

Merrill, Lawrence V., Brooklyn, assignor to Mears Radio Hearing Device Corp., New York, N. Y. Transmitter. 2,386,705; Oct. 9.
Merrill, Leslie M., et al.: *See*— Lysholm, Alf, assignor.
Merrill, Leslie M., et al., trustees: *See*— Lysholm, Alf, assignor.
Merrill, Marcellus S., and L. W. Alfred, Denver, Colo. Press for automotive vehicle housings and associated parts. 2,372,509; Mar. 27.
Merrill, Marcellus S., and C. M. Hathaway, Denver, Colo. Balancing method and apparatus. 2,383,405; Aug. 21.
Merrill, Roger L.: *See*— Harrington, J. R., and Merrill.
Merriman, William E., and C. F. Nichols, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic shutter tester. 2,376,162; May 15.
Merritt, Charles H., assignor to G. J. Pepper, Bellingham, Wash. Current motor. 2,379,314; June 26.
Merritt, Ericsson H.: *See*— Laucks, I. F., Merritt, Lawshe, and Dike.
Merritt, Henry E., Huddersfield, England. Steering mechanism for track-laying vehicle. 2,377,354; June 5.
Merry Hull & Company: *See*— Geissmann, Gladys W., assignor.
Merryman, James A., and E. M. Wharff, Jr., Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Making metallic articles. 2,390,805; Dec. 11.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,378,568; June 19.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,388,005; Oct. 30.
Merwin, Walter J.: *See*— Teter, J. W., and Merwin.
Messenger, Robert P., Kenilworth, and L. H. Kaupke and R. R. Raney, La Grange, Ill., assignors to International Harvester Company. Wire container. 2,389,529; Nov. 20.
Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Arylene thiazyl sulphenamides. 2,370,253; Feb. 27.
Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Emulsion copolymerization of butadiene-1,3 hydrocarbons and monovinyl compounds copolymerizable therewith. 2,382,802; Aug. 14.
Messerly, John P.: *See*— Weijlard, J., and Messerly. Weijlard, J., Messerly, and Tishler.
Messerschmidt, Charles, Westbrook, Conn. Ignition apparatus. 2,377,353; June 5.
Messier, Rudolph J.: *See*— Daudelin, J. B., and Messier.
Messing, Clarence O., Gilead, Nebr. Tractor operated rake and stacker. 2,372,908; Apr. 3.
Messing, Monroe M., Lawrence, N. Y. Undergarment. 2,366,865; Jan. 9.
Messing, Monroe M., Lawrence, N. Y. Slip. 2,369,594; Feb. 13.
Messinger, William, Philadelphia, Pa. Sealing device. 2,388,925; Nov. 13.
Messmore, George H., New York, N. Y. Laminated gangway. 2,380,060; July 10.
Messmore, Harold E., Bartlesville, Okla., and J. M. Mason, Chicago, Ill., assignors to Phillips Petroleum Company. Copper sweetening. 2,378,092; June 12.
Messner, Maximilian and E. Schantl, Berlin, Germany; vested in the Alien Property Custodian. Cathode-ray tube. 2,378,569; June 19.
Mestas, Ricardo, Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Electric gauge. 2,369,909; Feb. 20.
Meta Manufacturing Co.: *See*— Gerber, E. G., assignor.
Metal Alloys, Inc.: *See*— Fink, Colin G., assignor.
Metal Hydrides Incorporated: *See*— Alexander, Peter P., assignor.
Metal Lumber Corporation of New Jersey, The: *See*— Frick, Henry E., assignor.
Metal Products Corporation: *See*— Kincannon, Leo T., assignor.
Metal Specialties Co., Inc.: *See*— Stahl, Donald R., assignor.
Metal Textile Corporation: *See*— Goodloe, Alfred M., assignor. Goodloe, A. M., and Kisch, assignors. Kingman, Russell B., assignor. Kisch, Louis A., assignor. Kisch, L. A., and Herter, assignors. York, Otto H., assignor.
Metals & Controls Corporation: *See*— Bolesky, John D., assignor. Chace, Paul G., assignor. Durst, George, assignor. Moorhead, John O., assignor. Vaughan, Victor G., assignor. Volterra, Renzo U., assignor.

Metafiltration Company Limited: *See*— Peckard, Joseph A., assignor.
Metalastik Limited: *See*— Goldschmidt, M., and Moyal, assignors.
Metallizing Engineering Company Inc.: *See*— Shepard, A. P., and Ingham, assignors.
Metalwash Machinery Company: *See*— Zademach, Erich R., assignor.
Metalweld, Inc.: *See* — Oechsle, S. J., and Childs, assignor.
Metcalf, Arthur G. B., Milton, Mass. Machine for grading leather blanks. 2,366,205; Jan. 2.
Metcalf, Arthur G. B., Milton, Mass. Recording and controlling vehicle. 2,368,673; Feb. 6.
Metcalf, Arthur G. B., Milton, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,367,685; Jan. 23.
Metcalf, Arthur G. B., Milton, assignor to North American Research Corporation, Cambridge, Mass. Sound generator. 2,372,968; Apr. 3.
Metcalf, Herbert E.: *See*— Lawlor, R. C., and Metcalf. Zaikowsky, W. M., and Metcalf.
Metcalf, Herbert E., San Francisco, assignor, by mesne assignments, to Consolidated Engineering Corporation, Pasadena, Calif. Geochemical prospecting system. 2,374,227; Apr. 24.
Metcalfe, James C.: *See*— Metcalfe, Richard D. and J. C.
Metcalfe, Richard D. and J. C., assignors to Davies & Metcalfe Limited, Romiley, England. Steam injector. 2,386,971; Oct. 16.
Metcalfe, Thomas, Birkby, Huddersfield, England. Machine for the grinding of screw threads. 2,367,957; Jan. 23.
Metheny, Clyde E., and A. L. Marker, assignors to Consolidated Aircraft Corporation, San Diego, Calif. Apparatus for fabricating connecting rods. 2,375,574; May 8.
Metro, Anthony J., Detroit, Mich. Height gauge. 2,385,874; Oct. 2.
Metropolitan Device Corporation: *See*— Rypinski, Albert B., assignor.
Metropolitan Engineering Company: *See*— Phelps, G. H., and Frischmann, assignors.
Metropolitan-Vickers Electrical Company: *See*— Scoles, Graham J., assignor.
Metropolitan-Vickers Electrical Company Limited: *See*— Burch, Cecil R., assignor. Dodds, J. M., and Scoles, assignors. Flurscheim, Cedric H., assignor. Newsam, Harold, assignor.
Metz, John E. H., Maywood, assignor to Maywood Manufacturing Corporation, Cliffside Park, N. J. Lathe attachment. 2,379,370; June 26.
Metzger, Alfred R., Bald Eagle, Minn. Air deflector for automobiles and making the same. 2,380,860; July 31.
Metzger, Floyd J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Continuous production of aldol. 2,376,070; May 15.
Metzger, Johann: *See*— Korte, H., Waibel, and Metzger.
Metzger, Joseph L., Louisville, Ohio. Combination storm window. 2,386,625; Oct. 9.
Metzger, Leopold H., assignor to Industrial Abrasives, Inc., Chicago, Ill. Coating material. 2,376,163; May 15.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Sheet feeding device. 2,366,206; Jan. 2.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Manifolding pack. 2,366,744; Jan. 9.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Manifolding apparatus and method. 2,366,745; Jan. 9.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Sectional platen. 2,368,674; Feb. 6.
Metzner, Albert W., Dayton, Ohio, assignor to K. M. Sherman, W. C. Sherman, and W. B. Turner, executors of J. Q. Sherman, deceased. Carbon separator. 2,377,896; June 12.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Autographic register. 2,381,919; Aug. 14.
Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Recording apparatus and method. 2,390,549; Dec. 11.
Metzner, Ernest K., Cloverdale, Calif., assignor by mesne assignments, to Stauffer Chemical Company. Apparatus for the treatment of fruit pomace. 2,387,165; Oct. 16.
Meunier, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigmenting compositions for textile fabric. 2,377,709; June 5.
Meunier, Vincent, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparing a coated resin product. 2,370,562; Feb. 27.
Meusy, Eugene E., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Turret lathe. 2,379,096; June 26.
Meyer, Albert W., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Rubber covered copper article. 2,379,978; July 10.

Meyer, Arnold F., Pewaukee, and H. C. French, Elm Grove, assignors to The Heil Co., Milwaukee, Wis. Truck body and subframe construction. 2,380,861; July 31.
Meyer, August A., Maywood, Ill. Composition for preserving cut orchids. 2,367,795; Jan. 23.
Meyer, Charles P.: *See*—
Mueller, J. J., and Meyer.
Meyer, Clarence L., Dayton, Ohio. Bearing and retainer puller. 2,386,253; Oct. 9.
Meyer, Clarence L., Dayton, Ohio. Adjustable spanner wrench. 2,386,254; Oct. 9.
Meyer, Curt, Buenos Aires, Argentina. Furnace for producing wood charcoal. 2,386,972; Oct. 16.
Meyer, Edward P., Freeport, Ill., assignor to First Industrial Corporation, Wilmington, Del. Switch mechanism. 2,370,479; Feb. 27.
Meyer, Edwin W.: *See*—
Julian, P. L., and Meyer.
Julian, P. L., Meyer, and Iveson.
Meyer, Frank A., Brookline, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,368,421; Jan. 30.
Meyer, George J., Milwaukee, Wis. Chuck. 2,387,339; Oct. 23
Meyer, George J., Milwaukee, and C. M. Ploetz, Greenfield, Wis. Motor brake adjusting means. 2,368,317; Jan. 30.
Meyer, Hans, Twickenham, England. Compound fabrics and producing the same. 2,380,775; July 31.
Meyer, Harvey E., Kansas City, Mo. Twin portable tubs and supports therefor. 2,384,112; Sept. 4.
Meyer, Joseph E., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Automatic web register correcting means for printing presses. 2,378,234; June 12.
Meyer, Joseph J., and F. A. Jones, assignors to G-H Specialty Company, Milwaukee, Wis. Spliced bar structure. 2,375,018; May 1.
Meyer, Jules: *See*—
Granacher., C., Streuli, and Meyer.
Meyer, Kurt, Berlin-Zehlendorf, and H. Lapp, Klein-Machnow, near Berlin, Germany; vested in the Alien Property Custodian. Producing light polarizing bodies. 2,390,162; Dec. 4.
Meyer, Leonard S.: *See*—
Howald, A. M., and Meyer.
Meyer, Leonard S., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Treatment of urea-formaldehyde resin foam. 2,384,387; Sept. 4.
Meyer, Maxmilian C., Brooklyn, N. Y. Contact earring. 2,370,808; Mar. 6.
Meyer, Ronald E.: *See*—
Moran, R. C., Meyer, Otto, and Oberright.
Otto, F. P., and Meyer.
Otto, F. P., Meyer, and Moran.
Meyer, Siegfried, New York, N. Y. Garment hanger for bags and like receptacles. 2,383,009; Aug. 21.
Meyer, Walter G., Warren, Pa., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Manufacture of levulinic acid. 2,382,572; Aug. 14.
Meyer, Walter W., Arlington Heights, assignor to Rotary Seal Company, Chicago, Ill. Seal. 2,385,420; Sept. 25.
Meyer, Willard A., Mamaroneck, assignor to American Can Company, New York, N. Y. Producing can bodies. 2,381,460; Aug. 7.
Meyer, William: *See*—
Krone, H. C., and Meyer.
Meyer, William E., Detroit, Mich., and R. M. Roberts, Granville, Ohio; said Meyer assignor to Parker-Wolverine Company, Detroit, Mich., and said Roberts assignor to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Camouflage fabricating machine. 2,371,458; Mar. 13.
Meyer, Willy, Jamaica, N. Y. Safety window seat. 2,387,085; Oct. 16.
Meyer, Wolfgang E.: *See*—
Beeh, L., Forster, and Meyer.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heat transfer device. 2,377,094; May 29.
Meyers, Charles E., et al.: *See*—
Goldberg, H., and Meyers.
Meyers, Floyd M., Prospect, Ohio. Boat lamp. 2,375,311; May 8.
Meyers, Willis G., Elmwood Park, Ill. Multiple opposed piston engine. 2,388,756; Nov. 13.
Meystre, Charles: *See*—
Miescher, K., and Meystre.
Mez, Erich, Berlin-Charlottenburg, and F. Pott and W. Heinze, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting accounting machine. 2,390,163; Dec. 4.
Mica Patents Trust et al., trustees: *See*—
Boughton, W. A., Mansfield, and Hughes, assignors.
Micafil Ltd. Works for Electrical Insulation and Winding Machine: *See*—
Kappeler, Hans, assignor.
Wirth, Otto, assignor.
Michael, Henry J.: *See*—
Staples, E. M., Taylor, and Michael.
Michael, Lawrence W., Lima, Ohio. Spinning tool. 2,383,330; Aug. 21.
Michaelis, Harold A.: *See*—
Shroyer, J. L., and Michaelis.
Michaelis, Harold A., Elmhurst, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Waffle iron. 2,383,331; Aug. 21.
Michaelis, Willis C.: *See*—
Redding, Victor E., and Michaelis.
Michaels Art Bronze Company, The: *See*—
Michaels, Frank L., assignor.
Michaels, Clyde D.: *See*—
Fairley, F. E., Lindquist, Michaels, and Rodgers.
Michaels, Frank L., Fort Thomas, assignor to The Michaels Art Bronze Company, Covington, Ky. Light reflecting sign and making it. 2,377,508; June 5.
Michaels, Hunter, assignor to American Locomotive Company, New York, N. Y. Rotatable structure. 2,380,862; July 31.
Michaelson, Jesse L., Schenectady, N. Y., assignor to General Electric Company. Broken filament counter. 2,367,958; Jan. 23.
Michailoff, Alexander, Hinsdale, Ill., assignor to The Studebaker Corporation, South Bend, Ind. Grinder. 2,388,172; Oct. 30.
Michalke, Herman W., Denver, Colo. Knife cleaner for type-casting machines. 2,391,259; Dec. 18.
Michals, Edward S., assignor to Rho-Jan, Chicago, Ill. Compact case. 2,372,969; Apr. 3.
Michaud, Elzear V., Chicago, assignor to Harold T. Ames, Wilmette, Ill. Burning liquid fuel. 2,379,979; July 10.
Michaud, John C., Springfield, assignor to W. T. Turner, Charlemont, Mass. Clothes reel. 2,378,150; June 12.
Michelini, Nello, Chicago, Ill. Vending device. 2,370,743; Mar. 6.
Michelman, Nathan, Brooklyn, N. Y. Rolling door construction. 2,390,116; Dec. 4.
Michelman, Nathan, Brooklyn, N. Y. Rolling door construction. 2,390,117; Dec. 4.
Michelsen, Henry: *See*—
Gaudreau, O. E., and Michelsen.
Michelson, Julius, West Hartford, Conn. Drill sharpening device. 2,389,679; Nov. 27.
Michiana Products Corporation: *See*—
Nygren, Carl, assignor.
Michigan Patents Corporation: *See*—
Berger, J., and Hirsch, assignors.
Main, Donald W., assignor.
Main, D. W., and Cox, assignors.
Michigan State Board of Agriculture: *See*—
Bouyoucos, George, assignor.
Michigan State Board of Agriculture, The: *See*—
Petering, H. G., and Morgal, assignors.
Michigan Steel Tube Products Co.: *See*—
Beardsley, Harold, assignor.
Michigan Tool Company: *See*—
Christensen, Harold V., assignor.
Pelphrey, Harry, assignor.
Sneed, John, assignor.
Michna, Edward N., assignor to E. Michna, Detroit, Mich. Conveyer mechanism. 2,369,479; Feb. 13.
Michna, Evelyn: *See*—
Michna, Edward N., assignor.
Mickelson, Alfred O., Elmhurst, assignor to Pipe Line Service Corporation, Franklin Park, Ill. Pipeline coating and wrapping machine. 2,370,254; Feb. 27.
Mickey, John A.: *See*—
Richards, A. B., Mickey, and O'Reilly.
Micro Products Corporation: *See*—
Fill, John V., assignor.
Micromatic Hone Corporation: *See*—
Connor, K. W., and Kline, assignors.
Klein, James B., assignor.
Kline, John E., assignor.
Kline, J. E., and White, assignors.
Microstat Corporation: *See*—
Pratt, Verneur E., assignor.
Micuta, George R., Waterbury, Conn. Steering wheel. 2,379,492; July 3.
Mid-Continent Petroleum Corporation: *See*—
Bennett, H. T., and Marshall, assignors.
Dons, E. M., and Mauro, assignors.
Middel, Hendrik D., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic apparatus. 2,388,070; Oct. 30.
Middel, Hendrik D., Schenectady, N. Y., assignor to General Electric Company. Totalizing telemetering system. 2,389,449; Nov. 20.
Middlebrook, William R.: *See*—
Phillips, H., Middlebrook, and Higgins.
Middleby-Marshall Oven Company: *See*—
Nalbach, John R., assignor.
Nalbach, J. R., and Haupt, assignors.
Middler, Alexander J., Detroit, Mich. Nondead centering crank actuating mechanism. 2,384,950; Sept. 18.
Middlestead, Charles W.: *See*—
Winter, O. W., and Middlestead.
Middleton, Gordon H., assignor of one-half to H. J. Ohl, Superior, Ariz. Animal trap. 2,374,691; May 1.
Middleton, Ralph E., North Hollywood, Calif., assignor to Aireon Manufacturing Corporation. Simplified brake valve. 2,380,663; July 31.
Midland Steel Products Company, The: *See*—
Drda, Alois P., assignor.
Helmuth, Louis W., assignor.
Smith, William E., assignor.

Midling, Eugene A.: *See*—
Batterson, E. W., and Midling
Mid-States Gummed Paper Co.: *See*—
McHenry, Irving, assignor.
Mid West Sales & Service, Inc.: *See*—
Paulson, Theodore R., assignor.
Miehle Printing and Manufacturing Company: *See*—
Hunting, Irving A., assignor.
Miehle Printing Press and Manufacturing Company, The: *See*—
Peyrebrune, H. E., and Pasquinelli, assignors.
Mieras, Merritt A., Redford Township, Wayne County, assignor to Industrial Wire Cloth Products Company, Wayne, Mich. Oil screen. 2,372,286; Mar. 27.
Mierley, George M., Upper Darby, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam chest construction. 2,367,134; Jan. 9.
Miescher, Karl, Riehen, Switzerland, assignor to Ciba Pharmaceutical Products Incorporated, Summit, N. J. 3-derivatives of the saturated and unsaturated androstane-3-one-17-ols substituted in 17-position and making same as well as the corresponding free ketones. 2,386,331; Oct. 9.
Miescher, Karl, Riehen, and J. Heer, Basel, Switzerland, assignors by mesne assignments to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Manufacture of polynuclear carbonyl compounds and their enol esters. 2,372,841; Apr. 3.
Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated 17-hydroxy-androstanes, their derivatives and substitution products and making same. 2,374,369; Apr. 24.
Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated 17-hydroxy-androstanes, their derivatives and substitution products and making same. 2,374,370; Apr. 24.
Miescher, Karl, Riehen, J. Heer, Basel, Switzerland, and W. Fischer, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J. Glucosides and making the same. 2,376,443; May 22.
Miescher, Karl, Riehen, and C. Meystre, Basel, Switzerland, assignors to Ciba Pharmaceutical Products Inc., Summit, N. J. Esters of inorganic acids and making same. 2,381,073; Aug. 7.
Miess, Fred, Gary, Ind. Centrifugal pump. 2,376,071; May 15.
Mieth, Otto, Minneapolis, Minn. Cam making machine. 2,386,973; Oct. 16.
Mighton, Charles J.: *See*—
Harmon, J., and Mighton.
Mighton, Charles J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanizates of furylethylene polymers. 2,390,446; Dec. 4.
Miglarese, John, assignor to The National Marking Machine Company, Cincinnati, Ohio. Identification marking of fabrics. 2,384,039; Sept. 4.
Migrdichian, Vartkes, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Guanidine pentachlorphenate. 2,377,167; May 29.
Migrdichian, Vartkes, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Amine salts of nitrated phenolic compounds and preparing the same. 2,385,719; Sept. 25
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Exposure indicating spool and camera support therefor. 2,367,514; Jan. 16.
Mika, Thomas F.: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell.
Mikelson, Nordal, assignor of forty-five per cent to R. E. and W. J. Dickenson, Sioux Falls, S. Dak. Smoking pipe. 2,375,312; May 8.
Mikeska, Louis A.: *See*—
Arundale, E., and Mikeska.
Nelson, J. F., and Mikeska.
Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Blending agents for asphalts. 2,389,680; Nov. 27.
Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Asphalt wetting agents. 2,389,681; Nov. 27.
Mikhalapov, George S., Media, Pa., assignor, by mesne assignments, to The Taylor-Winfield Corporation, Warren, Ohio. Method and apparatus for welding. 2,388,430; Nov. 6.
Mikina, Stanley J.: *See*—
Hanna, C. R., Mikina, and Lynn.
Mikina, Stanley J., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Regulating system. 2,389,382; Nov. 20.
Mikula, Michael P.: *See*—
Blackmun, E. V., and Mikula.
Mikulas, William, West Brighton, Staten Island, N. Y., assignor to Conmar Products Corporation, Newark, N. J. Releasing end stop slide fastener. 2,381,359; Aug. 7.
Milan, Julius B., Galveston, Tex. Bending machine. 2,371,838; Mar. 20.
Milano, Sylvester, assignor to Maryland Plastics, Inc., Federalsburg, Md. Making dies. 2,371,061; Mar. 6.
Milano, Sylvester, assignor to Maryland Plastics, Inc., Federalsburg, Md. Producing plastic articles. 2,387,034; Oct. 16.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Making vitamin A. 2,369,156; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of ethers of vitamin A. 2,369,157; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,158; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Vitamin A derivatives and making same. 2,369,159; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,160; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,161; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,162; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,163; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,164; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,165; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,166; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,167; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,369,168; Feb. 13.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of vitamin A. 2,382,085; Aug. 14.
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Synthesis of ethers of vitamin A. 2,382,086; Aug. 14.
Milburn, Paul W., Los Angeles, and W. D. Adamson, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Shipping structure. 2,368,862; Feb. 6.
Milburn, Paul W., Los Angeles, and W. D. Adamson, West Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Shipping structure. 2,377,023; May 29.
Milem, Jackson A., Los Angeles, Calif. Antiseptic package. 2,367,417; Jan. 16.
Miles, Charles B., Upper Darby, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Preparing stabilized synthetic fluoaluminate. 2,382,327; Aug. 14.
Miles, James C., Cleveland, Ohio. Apparatus for hot-air heating systems. 2,369,681; Feb. 20.
Miles, James C., Cleveland, Ohio. Hot air heating furnace. 2,391,028; Dec. 18.
Miles Laboratories, Inc.: *See*—
Compton, W. A., and Treneer, assignors.
Kamlet, Jonas, assignor.
Treneer, Joseph M., assignor.
Miles, Robert H., Rochester, N. Y. Landing gear for flying machines. 2,376,374; May 22.
Miles, Thomas K.: *See*—
Tymstra, S., and Miles.
Miles, Thomas K., Orinda, assignor to Shell Development Company, San Francisco, Calif. Process for ground fixation. 2,378,235; June 12.
Miles, Walter R., New Haven, Conn., assignor to Research Corporation, New York, N. Y. Optical device. 2,378,493; June 19.
Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Wall construction. 2,369,595; Feb. 13.
Miles, William S., Hastings-on-Hudson, and P. A. Voigt, Bellerose Manor, assignors to Johns-Manville Corporation, New York, N. Y. Wall construction and fastener therefor. 2,391,792; Dec. 25.
Milius Shoe Company: *See*—
Moskowitz, Abram, assignor.
Milius, William S.: *See*—
Moskowitz, A., and Milius.
Milkweed Products Development Corporation: *See*—
Berkman, Boris, assignor.
Berkman, B., Bacon, and Weber, assignors.
Millar, John A., assignor to R. G. Millar, East Orange, N. J. Astronomical instrument. Re. 22,670; Aug. 28.
Millar, John R., Reno, Nev., assignor to National Automotive Fibres, Inc., Detroit, Mich. Automotive trim. 2,384,951; Sept. 18.
Millar, Ruth G.: *See*—
Millar, John A., assignor.
Millard, Frederick C., Pittsburgh, Pa. Siren. 2,367,233; Jan. 16.

Millard, Jacob F., Martinsburg, W. Va. Bottle closure. 2,389,072; Nov. 13.
Millard, Lee P.: *See*—
Mitchell, M. J., and Millard.
Millard, Lee P., Moline, Ill., assignor to International Harvester Company. Wheel mounting. 2,383,406; Aug. 21.
Millard, Lee P., and S. D. Pool, Moline, Ill., assignors to International Harvester Company. Harvester thresher. 2,369,745; Feb. 20.
Millek, Louis, Syosset, N. Y. Furniture. 2,377,024; May 29.
Millelot, Paul W., Jr.: *See*—
Robinson, J. E., Bopp, and Millelot.
Millen, John E., Cleveland, Ohio. Treating steel for drawing. 2,369,596; Feb. 13.
Miller, Abraham B., deceased, by H. E. Miller, Newark, administratrix, assignor to Hercules Powder Company, Wilmington, Del. Stabilizing soil. 2,369,682; Feb. 20.
Miller, Abraham B., deceased, by H. E. Miller, Newark, administratrix, assignor to Hercules Powder Company, Wilmington, Del. Stabilization of soils. 2,370,983; Mar. 6.
Miller, Abraham B., Newark, assignor to Hercules Powder Company, Wilmington, Del. Stabilization of soils. 2,375,019; May 1.
Miller, Abraham B., deceased, by H. E. Miller, administratrix, Newark, assignor to Hercules Powder Company, Wilmington, Del. Soil stabilization. 2,377,639; June 5.
Miller, Albert W., Jamaica, N. Y. Detachable coupling. 2,383,010; Aug. 21.
Miller, Alberta, Indianapolis, Ind. Brassière. 2,388,757; Nov. 13.
Miller, Alexander A., and T. F. Bradley, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Diene reaction products and process. 2,375,937; May 15.
Miller, Alexander A., Stamford, Conn., and T. F. Bradley, Edgewood, Md., assignors to American Cyanamid Company, New York, N. Y. Reaction products of dienes and producing same. 2,382,803; Aug. 14.
Miller, Alfred L.: *See*—
Weisberg, S. M., Stimpson, and Miller.
Miller, Anthony, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Two-stage starting system for internal-combustion engines. 2,373,256; Apr. 10.
Miller, Arthur E., assignor to Visco-Meter Corporation, Buffalo, N. Y. Spray cleaner. 2,385,150; Sept. 18.
Miller, Arthur J., and E. P. Sauerborn, Newark, N. J., assignors to Federal Telephone & Radio Corporation, New York, N. Y. Manufacture of selenium elements. 2,379,919; July 10.
Miller, August F., assignor to Vac-U-Matic Corporation, Chicago, Ill. Automotive vehicle speed control device. 2,391,586; Dec. 25.
Miller, Benjamin F.: *See*—
Baker, Z., and Miller.
Miller, Bernard M., Sheffield, England. Sharpening instrument. 2,380,539; July 31.
Miller, C. Roy: *See*—
Beekman, Robert L., assignor.
Miller, Carl L., Franklin Furnace, assignor to Vulcan Corporation, Portsmouth, Ohio. Spring wedge heel. 2,383,877; Aug. 28.
Miller, Carroll De V., Rocky River, assignor to The American Monorail Company, Cleveland, Ohio. Apparatus for cleaning textile machines. 2,378,361; June 12.
Miller, Carroll E., and J. M. Ingalls, assignors to Cone Automatic Machine Company Inc., Windsor, Vt. Precision threading attachment. 2,376,164; May 15.
Miller, Cecil, and G. W. Tippie, Pomona, Calif. Swivel. 2,387,599; Oct. 23.
Miller, Chant A., Winamac, and S. L. Border, Monon, Ind Dental tool sharpening device. 2,391,260; Dec. 18.
Miller, Charles F.: *See*—
Huff, Van E., assignor.
Miller, Charles F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing nylon. 2,368,940; Feb. 6.
Miller, Charles G., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective ringing telephone system. 2,388,071; Oct. 30.
Miller, Charles H., Amityville, and C. H. A. Hartley, Garden City, N. Y., assignors to Republic Aviation Corporation. Aircraft armament. 2,373,904; Apr. 17.
Miller, Charles H., Amityville, N. Y., assignor to Republic Aviation Corporation. Aircraft landing gear. 2,379,173; June 26.
Miller, Charles H., Chicago, Ill. Beverage mixing machine. 2,391,066; Dec. 18.
Miller, Clarence A., assignor to Kresky Manufacturing Company, Petaluma, Calif. Oil burner. 2,391,585; Dec. 25.
Miller, Clarence H., assignor to Machine Products Corporation, Detroit, Mich. Layout fixture. 2,380,664; July 31.
Miller Company, The: *See*—
De Lancey, Ralph W., assignor.
Donnelly, James, assignor.
Naysmith, Shirley R., assignor.
Miller, Don L.: *See*—
Surber, Kenneth F., assignor
Miller, Dustin Y.: *See*—
Seymour, G. W., and Miller.
Miller, E. L.: *See*—
Walther, G., and Miller.
Miller, Edgar R.: *See*—
Skriba, R. A., Miller, and Littell.
Miller, Edward G., and R. E. Engberg, Clayton, Mo. Geared magnetic clutch and motor. 2,370,872; Mar. 6.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Method and apparatus for smooth-finish gear grinding. 2,368,559; Jan. 30.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Planetary gear generating machine with indexing means. 2,371,770; Mar. 20.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for generating fine pitch and other gears. 2,372,596; Mar. 27.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Dressing apparatus for formed grinding wheels and the like. 2,372,597; Mar. 27.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Automatic gear grinding machine. 2,387,166; Oct. 16.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Generative gear grinding machine with feed controlling slide. 2,387,167; Oct. 16.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Generative grinding machine. 2,388,173; Oct. 30.
Miller, Edward W., and A. I. Bean, assignors to The Fellows Gear Shaper Company, Springfield, Vt. Machine for generating spiral face gears. 2,371,702; Mar. 20.
Miller, Edwin A., Fairfield, Conn. Rivet operable by means of hammer blows. 2,376,072; May 15.
Miller, Edwin A., Fairfield, Conn. Lock nut. 2,377,168; May 29.
Miller, Edwin A., Fairfield, Conn. Lock nut. 2,379,980; July 10.
Miller, Edwin A., Fairfield, Conn. Compound screw. 2,382,019; Aug. 14.
Miller, Ellis, Brussels, Belgium. Oxidized soybean oil and plastic compositions containing the same. 2,374,692; May 1.
Miller, Eloir P., El Campo, Tex. Machine for shelling rice and other grains. 2,381,507; Aug. 7.
Miller Engineering Corporation: *See*—
Miller, Raymond J., assignor.
Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure vessel construction. 2,375,999; May 15.
Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gear construction. 2,380,776; July 31.
Miller, Erwin C., Rome, N. Y., assignor to The Union Fork & Hoe Company, Columbus, Ohio. Gas heating apparatus. 2,369,746; Feb. 20.
Miller, Erwin C., Rome, N. Y., assignor to The Union Fork & Hoe Company, Columbus, Ohio. Gas burner heating system and apparatus therefor. 2,373,326; Apr. 10.
Miller, Frank, West Orange, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Drilling apparatus. 2,376,974; May 29.
Miller, Frank A., Troy, N. Y. Reamer. 2,372,219; Mar. 27.
Miller, Frank D., assignor to Mixing Equipment Co., Inc., Rochester, N. Y. Dispersing agitator. 2,384,952; Sept. 18.
Miller, Frank V.: *See*—
McLain, W. R., Miller, and Green.
Miller, Frank W., assignor to Franclare Company, Chicago, Ill. Boiler conditioning apparatus. Re. 22,590; Jan. 16.
Miller, Fred M., Bala-Cynwyd, A. C. Shape, Upper Darby, and W. H. McClelland, Wynnewood, assignors to General Refractories Company, Philadelphia, Pa. Mechanical stoker for kilns and their mountings. 2,384,762; Sept. 11.
Miller, Frederick B., Chicago, Ill. Mining machine. 2,368,863; Feb. 6.
Miller, George F., Warren, Ohio. Reel. 2,377,640; June 5.
Miller, George H., Athol, Mass. Foldable cribbage board. 2,384,040; Sept. 4.
Miller, George H., Erie, Pa., assignor to International Harvester Company. Agricultural implements. 2,383,407; Aug. 21.
Miller, George L, Canton, Ohio. Machine for distortion correction in metal plate. 2,376,853; May 22.
Miller, Gerald W., et al.: *See*—
Williams, Dan T., assignor.
Miller, Godfrey A.: *See*—
Bailey, F. A., and Miller.
Miller, Godfrey A., assignor to The De Vilbiss Company, Toledo, Ohio. Conveyer. 2,382,087; Aug. 14.
Miller, Guy O., Oak Park, Ill. Ironing table. 2,376,165; May 15.
Miller, Harry, Columbia, Mo., assignor, by mesne assignments, to National Argol Company, Inc., Washington, D. C. Conversion of a mixture of acetaldehyde and ethylene to butadiene. 2,377,025; May 29.

Miller, Harry, Vandalia, Mo., assignor to National Agrol Company, Inc., New York, N. Y. Making a catalyst and resulting product. 2,379,736; July 3.
Miller, Hazel E., administratrix: *See*—
Miller, Abraham B.
Miller, Henry C.: *See*—
Smith, E. I., and Miller.
Miller, Henry C., Claymont, and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds. 2,379,821; July 3.
Miller, Henry J., assignor of one-third to V. Moore, Sioux Falls, S. Dak. Atomizing sprayer for medicinal and chemical preparations. 2,389,864; Nov. 27.
Miller, Hoke S., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Dehydrating alcohols. 2,377,026; May 29.
Miller, Hoke S., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of ethylene. 2,378,236; June 12.
Miller, Horace G.: *See*—
Wallace, M., and Miller.
Miller, Ira A., and M. M. Verheul, Houston, Tex. Valve structure for use on well casings and the like. 2,375,432; May 8.
Miller, Joe: *See*—
Sullivan, R. J., and Miller.
Miller, John: *See*—
Johnson, R. W., and Miller.
Miller, John A., Pittsburgh, Pa., assignor to National Tube Company. Inspection table. 2,385,321; Sept. 18.
Miller, John F., Lakewood, Ohio, assignor to Solvay Sales Corporation, New York, N. Y. Composition for dustproofing coal. 2,371,344; Mar. 13.
Miller, John L.: *See*—
Hinkley, R. A., and Miller.
Miller, John S., Rahway, N. J., and J. L. Present, assignors to Hercules Powder Company, Wilmington, Del. Asphalt composition. 2,376,797; May 22.
Miller, John S., Rahway, N. J., and J. L. Present, assignors to Hercules Powder Company, Wilmington, Del. Bituminous compositions. 2,376,798; May 22.
Miller, John W.: *See*—
Jones, D. F., Miller, and Figg.
Petersen, J. S., Miller, Wendshuh, and Moser.
Miller, John W., London, assignor to Goodmans Industries Limited, Wembley, Middlesex, England. Chuck for coil winding machines. 2,370,563; Feb. 27.
Miller, John W., and W. G. Smith, assignors to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,374,693; May 1.
Miller, Joseph: *See*—
Buck, A. W., and Miller.
Miller, Joseph C., Russell, Minn. Resilient tire construction. 2,366,638; Jan. 2.
Miller, Joseph, et al.: *See*—
Cibert, Harold, assignor.
Miller, Karl H., North Canton, assignor to Diebold, Incorporated, Canton, Ohio. Card tray follower construction. 2,389,923; Nov. 27.
Miller, Kay, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Two-way clutch. 2,379,023; June 26.
Miller, Kay, New Brunswick, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Machine for preparing newsprint paper for use as pencil sheaths. 2,375,676; May 8.
Miller, Lee B., assignor to Enger-Kress Company, West Bend, Wis. Theftproof billfold. 2,369,597; Feb. 13.
Miller, Leo G., Wichita, Kans. Auto trailer brake. 2,388,336; Nov. 6.
Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Well Tool. 2,375,313; May 8.
Miller, Leslie T., Stoneleigh, assignor to The Glen L. Martin Company, Baltimore, Md. Oil temperature control valve. 2,374,639; Apr. 24.
Miller, Leslie T., Stoneleigh, assignor to The Glenn L. Martin Company, Middle River, Md. Lubrication system control valve. 2,383,878; Aug. 28.
Miller, Lewis, Marion, Ohio. Bulk material squeezer 2,371,403; Mar. 13.
Miller, Lloyd E.: *See*—
Smith, R. H., Miller, and Dunning.
Miller, Lloyd L.: *See*—
Gove, O. N., and Miller
Miller, Louis G.: *See*—
Statler, W. H., and Miller.
Miller, Michael E., Omaha, Nebr. Equalizing return trap. 2,366,746; Jan. 9.
Miller, Milo F., Kansas City, Mo. Insect attractor and destroyer. 2,384,190; Sept. 4.
Miller, Nellie E., McLean, Va. Window cleaning device. 2,387,926; Oct. 30.
Miller, Nicholas, Berwyn, Ill. Light meter. 2,373,327; Apr. 10.
Miller, Norma D.: *See*—
Evans, R. M., and Miller.
Miller, Ohmer R., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telemetric device. 2,381,920; Aug. 14.
Miller, Oran E.: *See*—
Capstaff, John G., and Miller.
Miller, Oran E., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitometry. 2,376,166; May 15.
Miller, Osborn M., assignor to American Geographical Society, New York, N. Y. Optical system. 2,377,509; June 5.
Miller, Paul V., assignor to The Taft-Peirce Manufacturing Company, Woonsocket, R. I. Surface grinding machine. 2,375,128; May 1.
Miller, Pharis, Elizabeth, and G. H. Cloud, Linden, N. J., assignors to Standard Oil Development Company. Fuels for combustion. 2,373,044; Apr. 3.
Miller, Pharis, Elizabeth, N. J., assignor to Standard Oil Development Company. Antiknock motor fuel. 2,375,236; May 8.
Miller Pottery Engineering Company: *See*—
Miller, William J., assignor.
Miller, W. J., and Reek, assignors.
Miller, W. J. and Wahl, assignors.
Miller Printing Machinery Co.: *See*—
Kunz, John, assignor.
Neuhart, Andrew, assignor.
Saul, August A., assignor.
Sinkovitz, Joseph, assignor.
Miller, Ralph: *See*—
Hixson, A. W., and Miller.
Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,367,598; Jan. 16.
Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic blow-off valve apparatus. 2,385,151; Sept. 18.
Miller, Raymond J., Detroit, Mich. Turbo transmission. 2,379,174; June 26.
Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,367,364; Jan. 16.
Miller, Raymond J., assignor to Miller Engineering Corporation, Detroit, Mich. Making molds having accommodation cores. 2,368,718; Feb. 6.
Miller, Raymond J., assignor to Miller Engineering Corporation, Detroit, Mich. Temperature control mold. 2,368,719; Feb. 6.
Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,368,996; Feb. 6.
Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion-picture projector. 2,374,828; May 1.
Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Self-locking nut. 2,384,953; Sept. 18.
Miller, Raymond J., assignor to Bendix Aviation Corporation, Detroit, Mich. Electrical connection. 2,386,332; Oct. 9.
Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion picture projector. 2,388,794; Nov. 13.
Miller, Raymond J., assignor to Miller Engineering Corporation, Detroit, Mich. Making molds having transition cores. 2,391,587; Dec. 25.
Miller, Raymond M., Estacada, Oreg. Cultivator plow. 2,390,447; Dec. 4.
Miller, Raymond S., and K. Seidel, assignors to Vickers Incorporated, Detroit, Mich. Solenoid construction. 2,383,332; Aug. 21.
Miller, Richard F.: *See*—
Grossman, M. A., and Miller.
Miller, Richard F., Summit, N. J., assignor to United States Steel Corporation. Steel and improving the creep strength thereof. 2,376,073; May 15.
Miller, Robert: *See*—
Halford, F. B., Brodie, and Miller.
Waggoner, G., and Miller.
Miller, Robert A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparing electrotypes. 2,384,113; Sept. 4.
Miller, Robert K.: *See*—
Gibbs, C. D., and Miller.
Miller, Russell L., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Gas burner. 2,389,270; Nov. 20.
Miller, Sam W., Portland, Oreg. Electrode holder. 2,371,306; Mar. 13.
Miller, Samuel, et al.: *See*—
Cibert, Harold, assignor.
Miller, Samuel C., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Bottle closure. 2,367,883; Jan. 23.
Miller, Samuel C., New York, N. Y. Housing for interior lighting. 2,374,228; Apr. 24.
Miller, Samuel C., New York, N. Y. Mounting for neon tubes and the like. 2,375,484; May 8.
Miller, Samuel C., New York, N. Y. Adapter and insulator construction for interior illumination. 2,375,807; May 15.
Miller, Samuel C., New York, N. Y. Electrode for luminous tube. 2,375,808; May 15.
Miller, Samuel C., New York, N. Y. Electrode and making the same. 2,379,025; June 26.
Miller, Stuart P., Scarsdale, N. Y., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Carrying out continuous fusion reactions. 2,378,314; June 12.

Miller, Theodore, assignor to George Gorton Machine Co., Racine, Wis. Mechanism for the production of electric arc etching electrodes. 2,377,843; June 5.
Miller, Theodore J.: *See*—
Carlton, R. P., and Miller.
Miller, Theodore J., St. Paul, and R. G. Riedesel, North St. Paul, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Spliced abrasive belt, band, and the like. 2,391,731; Dec. 25.
Miller, Tyre, Boynton, Okla. Gasoline and water separator. 2,387,035; Oct. 16.
Miller, Wallace B., West Caldwell, N. J., assignor to General Electric Company. Temperature control system and apparatus. 2,383,811; Aug. 28.
Miller, Walter G.: *See*—
Kidrick, E. F., and Miller.
Miller, Wayland R., Whitefish Bay, assignor to Perfex Corporation, Milwaukee, Wis. Combustion control. 2,377,356; June 5.
Miller, William A., Port Jefferson, and E. R. Shenk, Brooklyn, N. Y., assignors to Radio Corporation of America. Frequency multiplier. 2,390,608; Dec. 11.
Miller, William C.: *See*—
Richards, D. L., and Miller.
Miller, William F., Evansville, Ind., assignor to Industrial Engineering Corporation. Automatic control for heating systems. 2,381,223; Aug. 7.
Miller, William H., Toledo, Ohio. Vertical blow unit heater. 2,370,181; Feb. 27.
Miller, William J., Swissvale, Pa. Method and apparatus for manufacturing pottery ware. 2,370,410; Feb. 27.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for feeding clay to molds. 2,374,553; Apr. 24.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for feeding clay to molds. 2,374,554; Apr. 24.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for appendaging pottery ware. 2,374,555; Apr. 24.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Friction clutch. 2,376,799; May 22.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for manufacturing pottery. 2,376,800; May 22.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Pressing apparatus for shaping clay and operation. 2,379,737; July 3.
Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pa. Method and apparatus for jiggering potteryware. 2,384,845; Sept. 18.
Miller, William J., Swissvale, assignor to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Method and apparatus for manufacturing pottery ware. 2,387,927; Oct. 30.
Miller, William J., assignor to Miller Pottery Engineering Company, Swissvale, Pa. Automatic, change speed drive for potteryware jiggering apparatus. 2,389,629; Nov. 27.
Miller, William J., Swissvale, and A. J. Reek, Carrick, assignors to Miller Pottery Engineering Company, Swissvale, Pa. Apparatus for appendaging prefabricated potteryware. 2,374,556; Apr. 24.
Miller, William J., Swissvale, and A. J. Wahl, Pittsburgh, assignors to Miller Pottery Engineering Company, Swissvale, Pittsburgh, Pa. Apparatus and method for feeding clay to cavitous jigger molds. 2,389,163; Nov. 20.
Millers Falls Company: *See*—
Shortell, William H., assignor.
Millikan, Charles V., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Oil well testing device. 2,374,557; Apr. 24.
Millholland, William K., Indianapolis, Ind. Multiple-operation machine assembly. 2,371,906; Mar. 20.
Milligan, John G.: *See*
Davis, G. D., Price, and Milligan.
Millington, John W., Beaumont, Tex., assignor to Sperry-Sun Well Survey Company, Philadelphia, Pa. Electrical prospecting method and apparatus. 2,376,610; May 22.
Mills, Albert W., and F. J. Furman, Endicott, and E. J. Rabenda, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Punching apparatus. 2,377,801; June 5.
Mills, Aubrey R., Southgate, London, N. 14, England. Die-casting machine. 2,390,263; Dec. 4.
Mills, Bert E., Oak Park, Ill., assignor to Mills Industries, Incorporated. Coin dispensing device. 2,376,880; May 29.
Mills, Edward J., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making primary alkylated benzenes and naphthalenes. 2,388,758; Nov. 13.
Mills Engineering Company: *See*—
Mills, Herbert E., assignor.
Mills, Gordon F., Palo Alto, and A. V. Alm, Burlingame, assignors to Chemical Process Company, San Francisco, Calif. Artificial resin and preparation. 2,389,865; Nov. 27.
Mills, Herbert E., Cleveland, Tenn. Threadless fastening device. 2,369,480; Feb. 13.
Mills, Herbert E., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Flashless discharger and flare. 2,375,314; May 8.
Mills, Herbert E., Cleveland, Tenn., assignor, by mesne assignments, to Mills Engineering Company, Detroit, Mich. Gas burner. 2,385,528; Sept. 25.
Mills Industries, Incorporated: *See*—
Hultkrans, Paul B., assignor.
Mills, John E: *See*—
Nobles, W. H., and Mills.
Mills, Kenneth N.: *See*—
Rudrow, F. S., and Mills.
Millson, Henry E., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Method of dyeing. 2,366,347; Jan. 2.
Milnarik, William, and J. Bradshaw, assignors to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Scavenger roll mechanism. 2,366,348; Jan. 2.
Milne, William, Barre, Vt. Stone saw. 2,379,243; June 26.
Milner, Francis H: *See*—
McGeorge, W., and Milner.
Milner, Reid T.: *See*—
Coghill, R. D., and Milner.
Milner, William R.: *See*—
Johnson, J. C., and Milner.
Milnor, Joseph W., Maplewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Capacity loading system. 2,371,252; Mar. 13.
Milone, Charles R., assignor to Wingfoot Corporation, Akron, Ohio. Stabilization of esters. 2,385,018; Sept. 18.
Milone, Charles R., assignor to Wingfoot Corporation, Akron, Ohio. Catalytic reactions. 2,391,261; Dec. 18.
Milprint, Inc.: *See*—
Baker, James A., assignor.
Bennett, Milton, assignor.
Billeb, Clyde K., assignor.
Mills, Bert E., assignor.
Millstein, Jacob H., Jeannette, Pa. Candy containing toy telephone. 2,379,981; July 10.
Milster, Arthur N., Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system for assisting vehicle steering. 2,366,207; Jan. 2.
Milwaukee Gas Specialty Company: *See*—
Engholdt, Richard K., assignor.
Hildebrecht, Charles V., assignor.
Mantz, Harold A., assignor.
McCarty, Lourdes V., assignor.
Meusy, Eugene E., assignor.
Thornbery, John H., assignor.
Wantz, Clarence, assignor.
Wantz, C., and Hajny, assignors.
Wasson, Loerwood C., assignor.
Wiegers, Irvin E., assignor.
Milwaukee Tool & Die Company: *See*—
McCoy, James P. A., assignor.
Milward, Victor E., Cilfton, Rugby, England, assignor to General Electric Company. Sweep circuit for cathode ray tubes. 2,383,333; Aug. 21.
Mindt, Karl, Fitchburg, Mass. Metal bulletproof window. 2,372,636; Mar. 27.
Mine Safety Appliances Company: *See*—
Jacobson, Moses G., assignor.
Strange, John P., assignor.
Yant, William P., assignor.
Miner, Alice T., et al., trustees: *See*—
Geiger, William A., assignor.
Miner, Alice T., trustee, et al.: *See*—
Geiger, William A., assignor.
Olander, Roland J., assignor.
Miner, Carroll R.: *See*—
Shea, R. F., and Miner.
Miner, Carroll R., Stratford, Conn., assignor to General Electric Company. Signal reproducing apparatus. 2,370,564; Feb. 27.
Miner, Floyd E., Chicago, Ill. Trailer wheel support and guiding means. 2,377,641; June 5.
Miner, Frederick M., Jr., assignor to Renim, Inc., Madison, Wis. Wet-pack sterilizer. 2,376,611; May 22.
Miner, Irving O., East Providence, assignor to Builders Iron Foundry, Providence, R. I. Venting means. 2,386,874; Oct. 16.
Miner, James B., Portland, Oreg. Compartment measure. 2,389,530; Nov. 20.
Miner, W. H., Inc.: *See*—
Dath, George E., assignor.
Forssell, Eric G., assignor.
Haseltine, Stacy B., assignor.
Haseltine, S. B., and Dath, assignors.
Lehman, Edward H., assignor.
Olander, Roland J., assignor.
Miner, William H., Foundation: *See*—
Geiger, William A.
Miner, William H., Foundation, et al.: *See*—
Geiger, William A., assignor.
Miner, William H., Foundation, The: *See*—
Geiger, William A.
Minerals Beneficiation, Incorporated: *See*—
Erck, Louis J., assignor.
Grove, David B., assignor.
Hold, Grover J., assignor.
Wuensch, Charles E., assignor.
Minerals and Metals Corporation: *See*—
Brassert, Herman A., assignor.
Hartley, James C., assignor.
Westling, Carl J., assignor.

Minerals Separation North American Corporation: *See*—
Schilling, K. F., Cole, Duke, and Houston, assignors.
Minerec Corporation: *See*—
Fischer, Arthur H., assignor.
Mines and Resources, His Majesty the King in the right of Canada, as represented by the Minister of: *See*—
Harkom, John F., assignor.
Ming, Yee S., Los Angeles, Calif. Submarine emergency saver. 2,374,296; Apr. 24.
Minge, Charles E.: *See*—
Minge, K. G., and C. E.
Minge, Kenneth G., Franklin, and C. E. Minge, Dayton, Ohio. Reclaiming waste asphaltic material. 2,368,371; Jan. 30.
Miniature Precision Bearings, et al.: *See*—
Pierce, Winslow S., Jr., assignor.
Minich, Arthur, Mountainside, assignor to Nuodex Products Co., Inc., Elizabeth, N. J. Bodying agent for liquid hydrocarbons. 2,390,609; Dec. 11.
Minich, Arthur, Westfield, N. J. Preparing hydroxy heavy metal soap compositions. 2,368,560; Jan. 30.
Minichello, Peter J., Pittston, assignor of one-half to Michael Valenzano, Dunmore, Pa. Mineral separating and sizing device. 2,391,029; Dec. 18.
Mininberg, Nathan D., New York, N. Y. Therapeutic apparatus. 2,374,492; Apr. 24.
Mining Engineering Company Limited, The: *See*—
Moore, Matthew S., assignor.
Mining Process and Patent Company: *See*—
Finney, John H. V., assignor.
Logue, Leland H., assignor.
Mink, Leon D.: *See*—
Parsons, C. H., and Mink.
Mink, Leon D., assignor to Industrial Patents Corporation, Chicago, Ill. Egg separator. 2,382,737; Aug. 14.
Minkow, Robert, New York, N. Y. Wire stitching machine. 2,371,062; Mar. 6.
Minneapolis-Honeywell Regulator Company: *See*—
Baak, Albert E., assignor.
Beam, Vilynn O., assignor.
Beam, V. O., and Wilson, assignors.
Berkholder, George H., assignor.
Boyer, James B., assignor.
Crum, Stephen, assignor.
Eastin, Maurice R., assignor.
Edelman, Walter E., assignor.
Field, William J., assignor.
Gille, Willis H., assignor.
Gille, W. H., and Petsch, assignors.
Gille, W. H., and Sigford, assignors.
Guler, G. D., and Kingsland, assignors.
Harris, John L., assignor.
Harrison, Thomas R., assignor.
Hermanson, Henning S., assignor.
Holmes, Gifford I., assignor.
Isserstedt, S. G., assignor.
Isserstedt, Siegfried G., assignor.
Kronmiller, Carl G., assignor.
Kriechbaum, John P., assignor.
Lange, Frederick E., assignor.
Mattern, Raymond P., assignor.
McGoldrick, William J., assignor.
McGrath, William L., assignor.
Newton, Alwin B., assignor.
Shivers, Paul F., assignor.
Spangenberg, C. B., and Swanson, assignors.
Sparrow, Hubert T., assignor.
Sparrow, H. T., and Wilson, assignors.
Taylor, Daniel G., assignor.
Taylor, D. G., and Gille, assignors.
Whempner, Russell H., assignor.
Wilson, John M., assignor.
Minneapolis-Moline Power Implement Company: *See*—
Ronning, M., and Keith, assignors.
Seaholm, John P., assignor.
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,381,768; Aug. 7.
Minner, Walter, Erfurt, Germany; vested in the Alien Property Custodian. Track for toy vehicles. 2,383,940; Sept. 4.
Minnesota Mining & Manufacturing Company: *See*—
Carlton, Richard P., assignor.
Carlton, R. P., and Miller, assignors.
Cross, Bert S., assignor.
Gebhard, Melvin L., assignor.
Hendricks, James O., assignor.
Jewett, Clifford L., assignor.
Miller, T. J., and Riedesel, assignors.
Palmquist, Philip V., assignor.
Minnis, John H., Fort Worth, Tex. Hydraulic lifting device. 2,369,838; Feb. 20.
Minns, Frederick J.: *See*—
De Lubicz-Bakanowski, Z., and Minns.
Minshall, Robert J.: *See*—
Allen, E. T., and Minshall.
Minsk, Louis M., W. J. Weyerts, and W. H. McDowell, assignors to Eastman Kodak Company, Rochester, N. Y. Protective overcoating. 2,391,181; Dec. 18.
Minsky, Aaron: *See*—
Minsky, Benjamin, assignor.
Minsky, Benjamin, Allston, Mass., assignor of two-thirds to A. Minsky, Allston, Mass. Electrical stethoscope. 2,385,221; Sept. 18.
Minter, Clarke C., East Orange, N. J., assignor to Bulova Watch Company, New York, N. Y. Pressure measuring apparatus. 2,374,945; May 1.
Minto, Wallace L., Jersey City, N. J., assignor of twenty-one and sixty-six hundredths per cent to H. R. Van Deventer, twenty-one and sixty-six hundredths per cent to D. R. Keller, and twenty-one and sixty-six hundredths per cent to E. F. Waller, New York, N. Y. Beta amylose-iodine compound and production of the same. 2,383,334; Aug 21.
Minton, Clarence W., assignor to Hold Stitch Fabric Machine Company, Nashville, Tenn. Knitting machine. 2,378,315; June 12.
Minton, Clarence W., assignor to Hold Stitch Fabric Machine Company, Nashville, Tenn. Machine for producing knitted fabric. 2,378,316; June 12.
Minton, Clarence W., assignor to Hold Stitch Fabric Machine Company, Nashville, Tenn. Seamless knitted stocking. 2,378,317; June 12.
Minton, Gerald Z., Tarentum, assignor to Pittsburgh Plate Glass Co., Allegheny County, Pa. Glass supporting frame. 2,379,244; June 26.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Geophysical prospecting apparatus. 2,371,973; Mar. 20.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Seismograph. 2,375,433; May 8.
Mirando, Michael A., assignor to Imperial Knife Company, Inc., Providence, R. I. Can opener. 2,391,732; Dec. 25.
Mirsky, Sara, Forest Hills, assignor, by mesne assignments, to Maison France, New York, N. Y. Blouse. 2,388,926; Nov. 13.
Mische, Henry J., Belleville, N. J., assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Mechanism for treating wire rope. 2,391,793; Dec. 25.
Misfeldt, Charles C., Glendale, Calif. Lock nut and nut plate. 2,381,176; Aug. 7.
Misfeldt, Charles C., Glendale, Calif. Pressure molding. 2,391,182; Dec. 18.
Mishawaka Rubber and Woolen Manufacturing Company: *See*—
Cunningham, Marion M., assignor.
Keene, K. L., and Bargmeyer, assignors.
Mason, Claude D., assignor.
Pierce, F. G., and De Groote, assignors.
Miskella, William J., Cleveland, Ohio. Reflective panel. 2,387,804; Oct. 30.
Miskella, William J., Cleveland, Ohio. Oven-wall panel. 2,391,436; Dec. 25.
Miskelly, Raymond E., assignor to Plymouth Cordage Company, Plymouth, Mass. Marking granular, lumpy and dusty commodities. 2,367,040; Jan. 9.
Misset, Jean, Firminy, France; vested in the Alien Property Custodian. Adjusting device for rolling mills. 2,369,598; Feb. 13.
Mission Manufacturing Company: *See*—
Volpin, Alexander S., assignor.
Mistele, John W.: *See*—
Pioch, W. F., and Mistele.
Mital, John E., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Stabilized aviation gasoline. 2,373,631; Apr. 10.
Mitchell, August, Middlebury, assignor to The Risdon Manufacturing Company, Naugatuck, Conn. Lipstick holder. 2,368,997; Feb. 6.
Mitchell, Bernard A., Chicago, Ill. Lighting fixture. 2,376,801; May 22.
Mitchell, Donald H.: *See*—
Burbank, W. E., and Mitchell.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,366,279; Jan. 2.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,372,789; Apr. 3.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,375,863; May 15.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Grapple. 2,378,570; June 19.
Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Truck. 2,379,982; July 10.
Mitchell, Donald H., Cranford, and R. R. Pollard, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Tilting apparatus. 2,386,906; Oct. 16.
Mitchell, Doren: *See*—
Abraham, L. G., and Mitchell.
Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic commutation of currents. 2,380,982; Aug. 7.
Mitchell, George J.: *See*—
Schilling, R. M., and Mitchell.
Mitchell, Gordon W. B., Newcastle-on-Tyne, assignor to Electrical Improvements Limited, London, England. Electric protective arrangement. 2,376,074; May 15.
Mitchell, Harold S.: *See*—
Eshbaugh, C. H., Mitchell, and Paddock.

Mitchell, Jabez T., Claremore, Okla. Removable form for concrete wall construction. 2,381,613; Aug. 7.
Mitchell, James A.: *See*—
Hyden, W. L., and Mitchell.
Mitchell, James A., Little Rock, Ark. Projectile. 2,372,970; Apr. 3.
Mitchell, James A., Kenmore, and D. D. Lanning, Williamsville, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Grease-resistant film. 2,374,767; May 1.
Mitchell, John C.: *See*—
Spence, L. U., and Mitchell.
Mitchell, Joseph E., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Purification of organic compounds. 2,371,307; Mar. 13.
Mitchell, Jethro, Cincinnati, Ohio. Golf club carrier. 2,367,234; Jan. 16.
Mitchell, Melville J., Highland Park, Ill., assignor to International Harvester Company. Slip clutch. 2,375,020; May 1.
Mitchell, Melville J., Highland Park, and L. P. Millard, Moline, Ill., assignors to International Harvester Company. Harvester. 2,379,822; July 3.
Mitchell, Percival H., assignor to A. C. Ransom, Toronto, Ontario, Canada. Method and apparatus for the production of carbon black. 2,391,067; Dec. 18.
Mitchell, Robert, Detroit, Mich. Threaded fastener. 2,390,726; Dec. 11.
Mitchell, Robert, Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener. 2,376,167; May 15.
Mitchell, Robert A., Wilmerding, and C. M. Hines, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Air raid warning system. 2,381,224; Aug. 7.
Mitchell, Robert, Co. Limited, The: *See*—
Clerk, Edouard, assignor.
Mitchell, Robert W., Benton Harbor, Mich. Structural unit for aircraft and the like. 2,372,510; Mar. 27.
Mitchell, Rollie H., Huntington Park, assignor to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk gang assembly. 2,389,993; Nov. 27.
Mitchell, Rollie H., and T. M. Thomas, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk harrow. 2,385,637; Sept. 25.
Mitchell, Rollin C., Spokane, Wash. Horse shoe. 2,381,177; Aug. 7.
Mitchell & Smith, Inc.: *See*—
Savidge, Clinton L., assignor.
Mitchell, Stanley J., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,387,925; Oct. 30.
Mitchell, Wallace F., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Cylinder ridge reamer. 2,380,605; July 31.
Mitchell, Wallace F., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Centering means for boring machines. 2,391,183; Dec. 18.
Mitchell, Walter G., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Portable hand held electric tool. 2,373,842; Apr. 17.
Mitchell, Walter, Jr., Scarsdale, N. Y. Package. 2,382,368; Aug. 14.
Mitchko, Michael, Irvington, assignor to E. J. Brooks Company, Newark, N. J. Threading machine. 2,368,720; Feb. 6.
Mitereff, Sergei D., Petersburg, Va. Shock absorber. 2,375,377; May 8.
Mittag, Albert H., Schenectady, assignor to General Electric Company, New York, N. Y. Electric valve protective system. 2,366,544; Jan. 2.
Mittag, Albert H., and A. Schmidt, Jr., assignors to General Electric Company, Schenectady, N. Y. Electric valve translating apparatus and operation. 2,386,068; Oct. 2.
Mittelmann, Eugen, Chicago, Ill. Heat-treating metal in strip form. 2,371,459; Mar. 13.
Mittelstadt, Roy, assignor to Paramount Textile Machinery Co., Kankakee, Ill. Garment treating form. 2,383,011; Aug. 21.
Mitton, W. E., Company: *See*—
Mitton, William E., assignor.
Mitton, William E., assignor, by mesne assignments, to W. E. Mitton Company, Shawano, Wis. Work table for handling eggs. 2,389,630; Nov. 27.
Mixing Equipment Co., Inc.: *See*—
Miller, Frank D., assignor.
Mixon, Lawson W., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Interface modifier. 2,375,315; May 8.
Mixon, Lawson W., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricants. 2,367,468; Jan. 16.
Mixon, Lawson W., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,377,955; June 12.
Mize, George G., assignor to Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chain belt. 2,368,372; Jan. 30.
Mize, William E.: *See*—
Stewart, R. R., and De Long, assignors.
Mizer, Joseph J., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Muffler jack. 2,376,375; May 22.
Mobile Refrigeration, Inc.: *See*—
Lodwig, Erwin, assignor.
Mobius, Curt E.: *See*—
Kline, B. L., and Mobius.
Mobley, Broadus L., Germantown, Tenn. Portable race track. 2,376,444; May 22.
Mochel, Paul J., Los Angeles, Calif., assignor to Chrysler Corporation, Highland Park, Mich. Fair-lead. 2,369,169; Feb. 13.
Mock, Frank C.: *See*—
MacNeil, C. I., and Mock.
Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 2,372,332; Mar. 27.
Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Pressure and temperature responsive mechanism. 2,376,711; May 22.
Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Pressure responsive mechanism. 2,380,983; Aug. 7.
Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Airscoop for internal-combustion engines. 2,388,213; Oct. 30.
Mock, Frank C., assignor to Bendix Products Corporation, South Bend, Ind. Liquid control mechanism. 2,390,658; Dec. 11.
Mock, Hugo, New York, N. Y. Abrasive paper rolls. 2,383,879; Aug. 28.
Modern, Albert E. H., West New York, and J. L. Burke, Weehawken, N. J. Traffic light. 2,390,610; Dec. 11.
Modigliani, Piero, Livorno, Italy, assignor to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Manufacture of spun glass fibers. 2,369,481; Feb. 13.
Modine Manufacturing Company: *See*—
Arnold, Arthur B., assignor.
Moe Brothers Manufacturing Co.: *See*—
Eckert, G. E., and Moe, assignors.
Moe, Verrall I.: *See*—
Eckert, G. E. and Moe.
Moeller, Albert W., Des Moines, Iowa. Roofing. 2,371,180; Mar. 13.
Moeller, Elmo L., Santa Monica, Calif. Vehicle frame. 2,374,878; May 1.
Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Commutator structure and manufacture thereof. 2,388,006; Oct. 30.
Moeller, H. A.: *See*—
Orr, C. L., Moeller, and Settles.
Moeller, Raymond H. C., Oak Park, Ill. Canning. 2,380,984; Aug. 7.
Moeller, William C., assignor to A. F. Parmalee, doing business as United States Safety Service Co., Kansas City, Mo. Dispenser. 2,390,448; Dec. 4.
Moen, Alfred M., Seattle, Wash. Faucet. 2,373,702; Apr. 17.
Moen, Erick, Detroit, Mich. Tailstock for milling machines. 2,374,448; Apr. 24.
Moen, Leonard W., et al.: *See*—
Hage, Oscar, assignor.
Moen, Sylvan O., et al.: *See*—
Hage, Oscar, assignor.
Moessinger, Albert, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Warp let-off device. 2,375,316; May 8.
Moessinger, Albert, assignor to Sulzer Frères, Societe Anonyme, Winterthur, Switzerland. Central safety device. 2,386,706; Oct. 9.
Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Device for making fabrics on gripper looms. 2,389,808; Nov. 27.
Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Method and device for cutting weft thread ends projecting from the fabric. 2,389,809; Nov. 27.
Moffett, Eugene W., Milwaukee, Wis., and R. E. Smith, New York, N. Y., assignors to Pittsburgh Plate Glass Company. Conjoint polymerization products. 2,390,164; Dec. 4.
Moffitt, Edward J., Lakewood, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Trimming tool. 2,383,335; Aug. 21.
Moffitt, George W., Ridgewood, N. J. Optical instrument. 2,385,019; Sept. 18.
Moffitt, William E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,382,088; Aug. 14.
Moffitt, William R.: *See*—
Corwin, J. F., and Moffitt.
Mog, Frank G., Cleveland, G. F. Wald, North Olmsted, and S. C. Whiting, Willoughby, Ohio, assignors to The American Steel and Wire Company of New Jersey. Slow starting high speed wire drawing block. 2,368,153; Jan. 30.
Mogabgab, Eugene, et al.: *See*—
Clyburn, Andrew D., assignor.
Mogensen, Martin C., et al.: *See*—
Fanger, Herman J., assignor.
Fanger, H. J., and Gruenhagen, assignors.
Fanger, H. J., Gruenhagen, and Shaffer.
Shaffer, Cleve F., assignor.
Mohawk Carpet Mills, Inc.: *See*—
Shuttleworth, Howard L., assignor.

Mohling, Gunther, Loudonville, N. Y., assignor to Allegheny Ludlum Steel Corporation. Heat resisting alloys. 2,373,490; Apr. 10.

Mohr, Albert C., Berkeley, Calif., assignor to Stauffer Chemical Company. Production of anhydrous hydrogen chloride. 2,367,301; Jan. 16.

Mohr, Albert C., Arcadia, Calif., assignor to Stauffer Chemical Company. Soil correctives. 2,390,264; Dec. 4.

Mohr, Albert C., Arcadia, Calif., assignor to Stauffer Chemical Company. Production of sulphur dioxide. 2,391,328; Dec. 18.

Mohr, Henry, Hutchinson, Kans. Corrugated metal fastener. 2,377,169; May 29.

Moise, Bolton C., Rock Point, Md., and B. C. Moise, Jr., Cambridge, Mass. Apparatus for copper coating ferrous metal strip. 2,375,434; May 8.

Moise, Bolton C., Jr.: *See*—
Moise, Bolton C., and B. C., Jr.

Mojonnier Bros. Co.: *See*—
Mojonnier, Julius J., assignor.

Mojonnier, Julius J., Winfield, Ill., assignor to Mojonnier Bros. Co. Method of and apparatus for dehydrating substances. 2,387,458; Oct. 23.

Moldenhauer, Otto, and H. Bock, Hirschberg, Riesengebirge, Germany; vested in the Alien Property Custodian. Polycondensation products. 2,378,571; June 19.

Moldenhauer, Otto, and H. Bock, Hirschberg Reisengebirge, Germany; vested in the Alien Property Custodian. Production of polycondensation products. 2,383,880; Aug. 28.

Molek, Anton J., Silver Bow, Mont. Rifle sight. 2,369,903; Feb. 20.

Molet, Arthur, Chicago, Ill. Carton. 2,368,864; Feb. 6.

Molinare, Anthony W., Wilmette, Ill. Fertilizer distributor. 2,370,744; Mar. 6.

Moline, Carl R.: *See*—
Douglass, K., and Moline.

Moline, Carl R., Homewood, Ill., assignor to Allied Rail way Equipment Company. Brake head retaining mechanism for brake beams. 2,391,329; Dec. 18.

Molins Machine Company Limited: *See*—
Best, C., and Chown, assignors.
Dearsley, G., and Harris, assignors.
Hall, C. T., assignor.
Hall, Charles T., assignor.
Harris, R. W., and Dearsely, assignor.
Harvey, Valentine P., assignor.
Parry, Frank, assignor.
Ruau, Félix F., assignor.

Moll, Harold W.: *See*—
Britton, E. C., and Moll.

Mollenhauer, Elmer A., assignor of one-half to R. G. Buchanan, Spokane, Wash. Brake. 2,374,117; Apr. 17.

Mollenhauer, Herman W., Toddville, Iowa. Automatic area control propeller. 2,380,540; July 31.

Moller, Bynum W., Alta Loma, Tex. Skate-scooter. 2,366,866; Jan. 9.

Moller, Magdalin C. G., Copenhagen, Denmark; vested in the Alien Property Custodian. Sign. 2,376,932; May 29.

Möller, Paul, Dessau, and H.-J. Nicolai, Dessau-Haideburg, Germany; vested in the Alien Property Custodian. Polyamides. 2,367,469; Jan. 16.

Möller, Rolf, Kleinmachnow near Berlin, and E. Kosche, Stuttgart W, Germany; vested in the Alien Property Custodian. Projection screen. 2,381,614; Aug. 7.

Molloy, James F., Oakland, Calif. Automatic valve. 2,372,729; Apr. 3.

Molly, Hans, Berlin-Tempelhof, Germany; vested in the Alien Property Custodian. Hydraulic starter. 2,382,437; Aug. 14.

Molnar, Imre: *See*—
Griffins, M. E., and Molnar.

Molnar, Imre, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,381,769; Aug. 7.

Molnar. Imre. Chicago, Ill.. assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,385,720; Sept. 25.

Moloney Electric Company: *See*—
Mulcahy, Edwin C., assignor.

Moloney, Raymond T.: *See*—
Umbdenstock, Walter, assignor.

Molotzak, George, Coaldale, Pa. Stoker. 2,377,357; June 5.

Monack, Albert J., Rutherford, assignor to Mycalex Corporation of America, Passaic County, N. J. Machinable insulating composition. 2,391,376; Dec. 18.

Monaco, Otino, Medford, Mass. Grapple. 2,370,411; Feb. 27.

Monarch Machine Tool Co., The: *See*—
Abe, P. A., Brown, and Crosby, assignors.
Bickel, Clifford A., assignor.
Drummond, Folsom E., assignor.

Monarch Marking System Company, The: *See*—
Kohnle, Frederick, assignor.
Turner, Thomas G., assignor.

Monarch Mills: *See*—
Asbill, Clarence M., Jr., assignor.

Monarch Rubber Company, The: *See*—
Church, Herman S., assignor.

Moncrieff, John, Limited: *See*—
McNish, Alexander F., assignor.

Moncrieff, Robert W., and H. Bates, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial materials. 2,368,154; Jan. 30.

Moncrieff, Robert W., and H. Bates, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of textile and other articles. 2,372,386; Mar. 27.

Moncrieff, Robert W., and E. W. Wheatley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Stabilized polyamide. 2,378,494; June 19.

Moncrieff, Robert W., and H. Bates, Spondon, near Derby, assignors to British Celanese Limited, London, England. Treatment of textile and other materials. 2,379,026; June 26.

Moncrieff, Robert W., and C. W. Sammons, Spondon, near Derby, assignors to British Celanese Limited, London, England. Treatment of cellulose derivative articles. 2,387,168; Oct. 16.

Moncrieff, Robert W., and E. W. Wheatley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of highly polymeric organic compounds. 2,388,278; Nov. 6.

Monger, James F., Chicago, Ill. End valve support. 2,366,420; Jan. 2.

Monies, Marc, New York, N. Y. Measuring device. 2,378,093; June 12.

Monk, George S., and F. P. Case, assignors to Prismacolor, Inc., Chicago, Ill. Picture projector. 2,374,768; May 1.

Monks, Frank E., Pittsburgh, Pa., assignor to Fuller Label & Box Company. Parachute. 2,391,262; Dec. 18.

Monnet, Georges, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Razor blade envelope 2,377,897; June 12.

Monnet, Georges, Washington, D. C., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Floating razor. 2,387,765; Oct. 30.

Monnier, Russel, Detroit, Mich. Hand tool. 2,387,928; Oct. 30.

Monopower Corporation, The: *See*—
Tyler, Tracy B., assignor.

Monori, Emil, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Indicating system. 2,374,030; Apr. 17.

Monotype Corporation Limited, The: *See*—
Elliott, R. C., Dewhurst, and Booth, assignors.

Monowatt Electric Corporation: *See*—
Benander, George B., assignor.
Picard, Stanislas, assignor.

Monro, Donald A., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,379,027; June 26.

Monroe Calculating Machine Company: *See*—
Britten, Edwin F., Jr., assignor
Chase, George C., assignor.
Crosman, Loring P., assignor.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container fabricating machine. 2,367,884; Jan. 23.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Conveyer. 2,368,483; Jan. 30.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Stapling and sealing mechanism. 2,370,745; Mar. 6.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Mechanism for cooling freshly coated containers. 2,381,360; Aug. 7.

Monroe, Charles Z., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Gluing mechanism. 2,387,929; Oct. 30.

Monroe, Ezra: *See*—
Britton, E. C., and Monroe.

Monroe, Harry J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cutter. 2,367,841; Jan. 23.

Monroe, Rollo O., assignor to The Johnson Corporation, Three Rivers, Mich. Rotary pressure joint. 2,385,421; Sept. 25.

Monroe, Rollo O., and W. F. Clayton, Jr., assignors to The Johnson Corporation, Three Rivers, Mich. Automatic waterflow control for air compressors. 2,371,345; Mar. 13.

Monroe, Spencer F., New York, N. Y., assignor, by mesne assignments, to H. W. Yendes and P. M. Banker. Photographic apparatus. Re. 22,684; Oct. 23.

Monsanto Chemical Company: *See*—
Barrett, Gerald R., assignor.
Bartram, Thomas W., assignor.
Beaver, David J., assignor.
Benignus, Paul G., assignor.
Blake, Edward S., assignor.
Blake, E. S., and Godfrey, assignors.
Booth, Charles F., assignor.
Bump, Albert H., assignor.
Carswell, Thomas S., assignor.
Cooper, Robert H., assignor.
Dahle, Joseph, assignor.
De Bell, J. M., and Derby, assignors.
Deebel, George F., assignor.
Derby, Elmer R., assignor.
Derby, Wallene R., assignor.
Downey, Paul M., assignor.

Monsanto Chemical Company: *See*—Continued
Dunlap, R. I., and Schatz, assignors.
Dvornikoff, Michael N., assignor.
Dvornikoff, M. N., and Taylor, assignors.
Emerson, William S., assignor.
Emerson, W. S., and Heyd, assignors.
Gardner, John A., assignor.
Gluesenkamp, Earl W., assignor.
Harman, Marion W., assignor.
Hayes, Ralph F., assignor.
Healy, John J., Jr., assignor.
Hochwalt, Carroll A., assignor.
Hurka, Rudolph J., assignor.
Ingram, Joseph R., assignor.
Jenkins, Russell L., assignor.
Jones, Otha C., assignor.
Keller, Harry, assignor.
Kosolapoff, Gennady M., assignor.
Kyrides, Lucas P., assignor.
Kyrides, L. P., and Craver, assignors.
Kyrides, L. P., and Zienty, assignors.
Livingston, John W., assignor.
Lum, James H., assignor.
Lum, J. H., and Schaefer, assignors.
Mares, Joseph R., assignor.
Marshall, Morris D., assignor.
Martin, George D., assignor.
Moose, Joe E., assignor.
Mowry, David T., assignor.
Norton, Arthur J., assignor.
Norton, Edward G., assignor.
Owens, Grafton R., assignor.
Semple, Robert B., assignor.
Shumard, Roland S., assignor.
Sibley, Robert L., assignor.
Silberkraus, Samuel H., assignor.
Taylor, George E., assignor.
Thomas, C. A., and Hochwalt, assignors.
Throdahl, Monte C., assignor.
Weide, Herbert F., assignor.
White, John F., assignor.
Zienty, Ferdinand B., assignor.

Monsarrat, Nicholas G.: *See*—
Beede, R. J., and Monsarrat.

Monson, Esther T., et al.: *See*—
Larson, Anton L., assignor.

Monson, Per Albert, et al.: *See*—
Larson, Anton L., assignor.

Montalbano, Anthony, Baton Rouge, La. Fly-cast fishing boat. 2,369,973; Feb. 20.

Montalbano, Astelle, North Sacramento, Calif. Attachment for ironing boards. 2,388,492; Nov. 6.

Montcalm, Incorporated: *See*—
Roth, Joseph N., assignor.
Schurtz, R. E., and Roth, assignors.

Montclair Research Corporation: *See*—
Rust, John B., assignor.
Rust, J. B., and Spialter, assignors.

Monte, Richard N., Cincinnati, Ohio, assignor to Corn Products Refining Company, New York, N. Y. Production of starch conversion sirups. 2,383,914; Aug. 28.

Monte, Richard N., La Grange, and J. B. Gottfried, Chicago, Ill., assignors to Corn Products Refining Company, New York, N. Y. Modified whole corn protein and preparing same. 2,384,388; Sept. 4.

Monteleone, John, New Orleans, La. Solution-catching device. 2,381,133; Aug. 7.

Montelius, George A., Minneapolis, Minn. Dental surgical instrument. 2,366,671; Jan. 2.

Montgomery, Alvin E., Elmhurst, Ill., assignor to J. O. Ross Engineering Corporation, New York, N. Y. Finishing and conditioning of paper. Re. 22,593; Jan. 23.

Montgomery, Arvid N., Owensville, Ind. Alarm system. 2,390,449; Dec. 4.

Montgomery, Bruce E.: *See*—
Sandretto, P. C., and Montgomery.

Montgomery, Charles W., Oakmont, and N. W., Franke, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Aluminum chloride catalyst. 2,380,703; July 31.

Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Circular tool. 2,374,879; May 1.

Montgomery, Donald H., West Hartford, and A. H. Jobert, New Britain, assignors to The New Britain Machine Company, New Britain, Conn. Machine tool. 2,375,734; May 8.

Montgomery, Harley A., Highland Park, Mich. Cold-drawing metal. 2,366,208; Jan. 2.

Montgomery, Henrietta G.: *See*—
Montgomery, Robert J., assignor.

Montgomery, John A., Denver, Colo., and L. E. Livingston, Dallas, Tex., assignors to Lakeside Engineering Corporation, Chicago, Ill. Sewage disposal. 2,388,795; Nov. 13.

Montgomery, Robert J., assignor to H. G. Montgomery, Chicago, Ill. Cable slitter. 2,385,368; Sept. 25.

Montgomery, Robert J., assignor to H. G. Montgomery, Chicago, Ill. Cable slitter. 2,388,698; Nov. 13.

Montgomery Ward & Co., Incorporated: *See*—
Barber, Howard B., assignor.
Hamilton, N., and Stern, assignors.
Muerle, Richard W., assignor.

Montignani, William C., Jr., Upper Montclair, N. J. Sheet mount. 2,378,151: June 12.

Moody, Clay P., North Bend, Oreg. Preparing cadavers for burial. 2,388,337; Nov. 6.

Moody, Kenneth, assignor of one-half to G. S. Noble, Chicago, Ill. Cable connector. 2,366,747; Jan. 9.

Moody, Lewis F., Princeton, N. J. Method and apparatus for regulating the head and capacity of centrifugal pumps. 2,380,606; July 31.

Mook, Donald E., Perry, assignor to The Borden Company, New York, N. Y. Dry milk product and the preparation thereof. 2,383,070; Aug. 21.

Moon, Carl, Detroit, Mich. Differential control mechanism. 2,375,938; May 15.

Moon, Carl, Detroit, Mich. Wringer. 2,387,086; Oct. 16.

Moon, Charles R., assignor to Ontario Manufacturing Company, Muncie, Ind. Automatic work ejector. 2,367,515; Jan. 16.

Moon, Dennis R., Napa, Calif. Dragline apparatus. 2,377,802; June 5.

Moon, Elmer L.: *See*—
MacPheat, A. M., Moon, and Sirp.

Moon, Fullard M., and W. L. McClellan, Highland City, Fla. Tree spraying apparatus. 2,367,135; Jan. 9.

Mooney, Burley and J. G., Stonewall, Okla., assignors to Turner Manufacturing Company, Statesville, N. C. Peanut digger and shaker. 2,384,763; Sept. 11.

Mooney, Charles F., assignor of one-half to J. D. Kluttz, Charlotte, N. C. Safety device for trailers. 2,381,305; Aug. 7.

Mooney, Jess G.: *See*—
Mooney, Burley and J. G.

Mooney, Ronald B., Liverpool, and G. E. Wentworth, Runcorn, England, assignors to Imperial Chemical Industries Limited. Manufacture of chlorosulphonic acid. 2,377,642: June 5.

Moor, Dudley W., Jr., Toledo, Ohio. Link mat. 2,388,927; Nov. 13.

Moore, Alexander W., and F. B. Moran, Trail, H. L. Christian, Rossland, British Columbia, and D. D. Morris, Calgary, Alberta, assignors to The Consolidated Mining and Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Mold and method for casting electrolytic cells. 2,385,830; Oct. 2.

Moore, Bartram H., Doylestown, Pa. Mold for frozen comestibles. 2,384,041; Sept. 4.

Moore, Benjamin, & Co.: *See*—
Bergmann, Rudolph C., assignor.

Moore, Bernard C.: *See*—
Moore, Bernard J. and B. C.

Moore, Bernard J. and B. C., Stoke-on-Trent, England. Industrial kiln and oven. 2,375,317; May 8.

Moore Business Forms, Inc.: *See*—
Kerr, James G., assignor.
Knaggs, Nelson S., assignor.
Staneslow, Bernard J., assignor.
Willard, Robert P., assignor.

Moore, Charles G., River Forest, Ill., assignor to The Glidden Company, Cleveland, Ohio. Preparing resinous material. 2,369,683; Feb. 20.

Moore, Charles G., River Forest, Ill., assignor to The Glidden Company, Cleveland, Ohio. Resinous material and making. 2,384,846: Sept. 18.

Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Pneumatic measuring instrument. 2,371,253; Mar. 13.

Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Comparator gauge. 2,374,154; Apr. 17.

Moore, Coleman B., Carroll Park, assignor to Moore Products Co., Philadelphia, Pa. Valve positioner. 2,382,941; Aug. 14.

Moore Company, The: *See*—
Elder, Charles J., assignor.

Moore, David P., Forest Hills, assignor to Premium Merchandising Corp., New York, N. Y. Grating machine. 2,376,376; May 22.

Moore, Derwin V., and H. H. Thompson, assignors to Wingfoot Corporation, Akron, Ohio. Reclaiming method. 2,386,707; Oct. 9.

Moore Dry Kiln Company of Oregon, The: *See*—
Beckley, Arthur H., Jr., assignor.

Moore, Edgar S., Toronto, Ontario, Canada. Portable power-driven screw driver. 2,374,558; Apr. 24.

Moore, Edward, Newark, N. J. Two-cycle solid-fuel injection supercharged engine. 2,383,336; Aug. 21.

Moore, Edward H., Grand Rapids, Mich. Mechanical rosary. 2,376,266; May 15.

Moore, Edward J., executor, et al.: *See*—
Moore, Thomas F.

Moore Enameling & Manufacturing Company, The: *See*—
Cobb, R. S., and Moore, assignors.

Moore, Everett J.: *See*—
Goldfarb, J. A., and Moore.

Moore, Francis K.: *See*—
Swartz, A. G., and Moore.

Moore, George A., New York, N. Y. Container. 2,375,809; May 15.

Moore, George A., New York, N. Y. Container. 2,382,573; Aug. 14.

Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Packing coffee. 2,368,561; Jan. 30.

Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and making same. 2,370,680; Mar. 6.

Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container and forming the same. 2,377,358; June 5.

Moore, George A., assignor to National Biscuit Company, New York, N. Y. Shipping container. 2,381,508; Aug. 7.

Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Apparatus for sealing containers. 2,390,550; Dec. 11.

Moore, George C., Sr., Glendale, Calif. Pants guard. 2,384,255; Sept. 4.

Moore, George F., Tampa, Fla., assignor to Tennessee Corporation. Producing hydrofluosilicic acid and/or fluosilicates. 2,369,791; Feb. 20.

Moore, George L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Engine cooled piston. 2,369,906; Feb. 20.

Moore, George L., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Internal combustion engine piston. 2,369,907; Feb. 20.

Moore, Goodloe E., Danville, Ill. Insulation blanket retainer. 2,367,790; Jan. 23.

Moore, Goodloe E., Danville, Ill. Cementitious anchorable hanger support. 2,385,296; Sept. 18.

Moore, Grover S., Jr., Houston, Tex. Snatch block. 2,374,118; Apr. 17.

Moore, Harry D.: *See*—
Manney, C. J., and Moore.

Moore, Harry E.: *See*—
Hultgren, A. P., Moore, Bennett, and Cummins.

Moore, Harry W., Chicago, Ill. Halfvest carrier for hearing aids and batteries. 2,372,971; Apr. 3.

Moore, Henry S., and F. T. Whelan, Bridgeport, Conn., assignors to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Power operated hoist. 2,367,041; Jan. 9.

Moore, Hubert A., Dallas, Tex. Plow disk grinder. 2,386,563; Oct. 9.

Moore, James, Chicago, Ill. Mortar depositing device. 2,373,971; Apr. 17.

Moore, James A., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Feeding mechanism for container parts. 2,387,766; Oct. 30.

Moore, James B., Hamilton, Mo. Rain gauge. 2,384,954; Sept. 18.

Moore, James R., assignor, by mesne assignments, to S. G. Harwood, Minneapolis, Minn. Clothes-drying machine. 2,385,222; Sept. 18.

Moore, James R., assignor, by mesne assignments, to S. G. Harwood, Minneapolis, Minn. Clothes-drying machine. 2,385,223; Sept. 18.

Moore, James W., Norfolk, Va., assignor to The Beardsley & Piper Company, Chicago, Ill. Portable hopper. 2,384,389; Sept. 4.

Moore, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Temperature compensated inductance. 2,366,639; Jan. 2.

Moore, Lee C., & Company, Inc.: *See*—
Woolslayer, Homer J., assignor.
Woolslayer, H. J., Campbell, and Jenkins, assignors.

Moore, Leonard P., New York, N. Y., and W. P. Ericks, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Ethylene sulphide reaction products of guanidine. 2,372,598; Mar. 27.

Moore, Lindley W., Baltimore, Md. Airplane. 2,374,493; Apr. 24.

Moore, Lou Q., Pueblo, Colo. Anchorage means for railway rails. 2,384,328; Sept. 4.

Moore, Malcolm C., assignor to Hercules Powder Company, Wilmington, Del. Adhesive composition. 2,368,767; Feb. 6.

Moore, Marjorie B., Waukegan, Ill., assignor to Abbott Laboratories. Double salts of pantothenamide and preparing them. 2,369,839; Feb. 20.

Moore, Marjorie B., and F. J. Kirchmeyer, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Bisulphite derivatives of 2-methyl-1,4-naphthoquinone and the like. 2,367,302; Jan. 16.

Moore, Mathew S., Malvern, assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Pick for loading machines. 2,370,369; Feb. 27.

Moore, Maurice L., Nether, Providence Township, Delaware County, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Derivatives of ketonic compounds. 2,366,640; Jan. 2.

Moore, Maurice L., Detroit, Mich., assignor to Sharp & Dohme Incorporated, Philadelphia, Pa. Unsaturated derivatives of ketonic compounds. 2,366,641; Jan. 2.

Moore, Milford B.: *See*—
Abrams, T., Moore, and Karr.
Abrams, T., Moore, and Van Kirk.

Moore, Morton E., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for making gravity measurements. 2,389,866; Nov. 27.

Moore, Murray L., Cheyenne, Wyo. Vehicle signal. 2,384,689; Sept. 11.

Moore, Norman Y.: *See*—
Griffin, R. L., and Moore.

Moore Products Co.: *See*—
Moore, Coleman B., assignor.

Moore, Ralph H., Pasadena, Calif. Insulated vehicle body. 2,381,981; Aug. 14.

Moore, Ralph H., Pasadena, Calif. Coffee maker. 2,383,144; Aug. 21.

Moore, Ralph S., Detroit, Mich. Water-purifying and -softening device. 2,368,035; Jan. 23.

Moore, Ralph T., and F. C. Harris, Lakewood, assignor, to The American MonoRail Company, Cleveland, Ohio. Expansion joint. 2,371,907; Mar. 20.

Moore, Raymond D., Worcester, Mass. Vehicle headlight control. 2,375,677; May 8.

Moore, Robert D., Kansas City, Mo. Wheel-mounting dolly. 2,379,587; July 3.

Moore, Robert J.: *See*—
Morris, R. C., and Moore.

Moore, Robert M.: *See*—
Hoskins, E. E., and Moore.

Moore, Thomas F., deceased, Morris Plains; E. J. Moore and M. M. Dacey, executors. Well point. 2,388,640; Nov. 6.

Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. Regulating mechanism. 2,383,143; Aug. 21.

Moore, Thomas W., assignor to The Leland Electric Company, Dayton, Ohio. Dynamoelectric machine. 2,383,669; Aug. 28.

Moore, Vernon, Catonsville, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Remote control apparatus. 2,384,114; Sept. 4.

Moore, Vincent T., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Piston. 2,388,363; Nov. 6.

Moore, Violet: *See*—
Miller, Henry J., assignor.

Moore, Walter B.: *See*—
Cobb, R. S., and Moore.

Moore, Ward H., Ames, Iowa. Trap. 2,385,875; Oct. 2.

Moore, Wiley T., U. S. Army, Laverne, Okla. Automatic and semiautomatic carbine. 2,389,631; Nov. 27.

Moore, William A., Swea, Iowa. Ridge roll ventilator. 2,388,759; Nov. 13.

Moore, William J.: *See*—
Whitmoyer, C. W., and Moore.

Moore, William L: *See*—
Powell, D. R., and Moore.
Powell, D. R., and Moore, assignors.

Moore, Willis F.: *See*—
Ljunggren, T. H., and Moore.

Moorefield, Albert C., Hawthorne, Calif. Guiding means for grinding drills. 2,387,459; Oct. 23.

Moorhead, Gladys, Ottawa, Ontario, Canada. Colostomy apparatus. 2,385,876; Oct. 2.

Moorehead, James R., Tacoma, Wash., assignor to Boeing Aircraft Company. Engine mounting structure. 2,379,315; June 26.

Moorhead, John O., assignor to Metals and Controls Corporation, Attleboro, Mass. Switch. 2,381,835; Aug. 7.

Moorman Manufacturing Company: *See*—
Elmslie, Wallace P., assignor.

Moorshead, William A., London, W. C. 2, England, assignor to The United Glass Bottle Manufacturers Limited. Glass melting furnace. 2,385,529; Sept. 25.

Moos, Anthony M., Orangeburg, and R. W. Price, Pearl River, assignors to Lederle Laboratories, Inc., New York, N. Y. Preparation of pyrimidines. 2,375,735; May 8.

Moos, Paul, Zug, Switzerland, assignor to Landis & Gyr, A. G. Prepayment meter. 2,370,480; Feb. 27.

Moose, Charles F., Statesville, N. C. Silo and making same. 2,377,956; June 12.

Moose, Joe E., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Chewing gum base. 2,383,145; Aug. 21.

Morack, Marvin M., Scotia, N. Y., assignor to General Electric Corporation. Electric translating apparatus and control equipment therefor. 2,388,072; Oct. 30.

Moran, Edward L., assignor to Stone Wheel Inc., Chicago, Ill. Spark and flame arrestor. 2,376,933; May 29.

Moran, Frank B.: *See*—
Moore, A. W., Moran, Christian, and Morris.

Moran, John W., assignor to The Radiart Corporation, Cleveland, Ohio. Battery seal. 2,376,712; May 22.

Moran, Robert C.: *See*—
Hamilton, L. A., Moran, and Cattell.
Otto, F. P., Meyer, and Moran.

Moran, Robert C., Wenonah, and R. E. Meyer, F. P. Otto, and E. A. Oberright, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,383,494; Aug. 28.

Moran, William J., Jr.: *See*—
Stein, G. A., and Moran.

Morash, Norman, Stamford, Conn, assignor to American Cyanamid Company, New York, N. Y. Froth skimming and crowding device for flotation machines. 2,369,401; Feb. 13.

Morch, Anthony, Brooklyn, N. Y. Antenna. 2,371,539; Mar. 13.

Morch, Anthony, Brooklyn, N. Y. Apparatus for the animating of pictures and the like. 2,374,371; Apr. 24.

Morehead, Frederick F.: *See*—
Kulp, M. P., Morehead, Sisson, and Webb.

Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co. Incorporated. Safety catch. 2,383,012; Aug. 21.

Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co. Incorporated. Safety catch. 2,383,013; Aug. 21.
Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Wrap-around wire supporting clip. 2,373,328; Apr. 10.
Morehouse, Silas A., Los Angeles, Calif. Breathing mask. 2,379,493; July 3.
Moreland, Harry, Huntington, W. Va. Grinding or abrading machine. 2,391,733; Dec. 25.
Morell, Samuel A., Peoria, Ill., assignor to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Acetylating 2,3-butylene glycol with the impure acetic acid obtained from the pyrolytic decomposition of 2,3-butylene glycol diacetate to butadiene. 2,372,221; Mar. 27.
Morelli, Raffaele, Brooklyn, N. Y. Game. 2,372,333; Mar. 27.
Morelock, Oliver J., Short Hills, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Apparatus for testing condensers. 2,373,079; Apr. 3.
Moreno, Nicholas, Baltimore, Md. Multiple angle hydraulic riveting attachment. 2,373,972; Apr. 17.
Moresco, Enrique, Buenos Aires, Argentina. Decorticating apparatus for grain. 2,386,493; Oct. 9.
Moreton, Henry H., East Orange, N. J. Book, magazine, pamphlet, or the like. 2,367,136; Jan. 9.
Morey, Arthur H., Schenectady, N. Y., assignor to General Electric Company. Bearing lubricating means. 2,380,985; Aug. 7.
Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Dimers of 2-methylpentadiene and process for preparing same. 2,368,068; Jan. 23.
Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Halogenated ketals and preparing same. 2,374,494; Apr. 24.
Morey Machinery Co., Inc.: *See*—
Casella, Secondo L., assignor.
Morey, Willis R., Arlington, Va. Flashlight. 2,386,255; Oct. 9.
Morf, Ernest, La Chaux-de-Fonds, Switzerland. Shock absorbing bearing. 2,372,972; Apr. 3.
Morfit, Oliver: *See*—
Dickinson, J. T., Morfit, and Van Orden.
Dickinson, J. T., Wickham, and Morfit
Morford, Roy C., Manassas, Va. Electrode holder. 2,387,169; Oct. 16.
Morgal, Paul W.: *See*—
Petering, H. G., and Morgal.
Morgan: A. D.: *See*—
Hunn, Oliver W., assignor.
Morgan, Albert H., Williamsville, N. Y. Riveting tool. 2,369,910; Feb. 20.
Morgan, Arthur H., Knoxville, Tenn. Method and apparatus for removing the stems and caps from berries and similar types of fruit, etc. 2,383,268; Aug. 21.
Morgan, Arthur L., Sr.: *See*—
Dellbringge, Edward O., assignor.
Morgan, Burton D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Fluid power mechanism. 2,377,170; May 29.
Morgan, Charles A., assignor of one-half to L. B. Newman, Plainview, Tex. Valve. 2,376,975; May 29.
Morgan, Conrad J., U. S. Marine Corps. Airplane landing gear. 2,373,137; Apr. 10.
Morgan Construction Company: *See*—
Fors, Eric H., assignor.
Fors, E. H., and Rodnick, assignors.
Hawthorne, Charles W., assignor.
Morgan, Myles, assignor.
Morgan, Weld, assignor.
Morgan, W., and Wesson, assignors.
O'Malley, Joseph M., assignor.
Rich, Charles A. and C. A., Jr., assignors.
Morgan, Earl E., Lafayette, Ind. Bottle carrier. 2,378,026; June 12.
Morgan Engineering Company, The: *See*—
Ball, Harvey W., assignor.
Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Desk top and support therefor. 2,374,119; Apr. 17.
Morgan, Frank J., Houston, Tex. Pipe line filter. 2,372,445; Mar. 27.
Morgan, Jack: *See*—
Allen, F. A., and Morgan.
Morgan, James A., Houston, Tex. Liquid actuated controlling device. 2,377,710; June 5.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Constant viscosity greases. 2,376,312; May 15.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,379,850; July 3.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,383,146; Aug. 21.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Low temperature greases. 2,383,147; Aug. 21.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,383,915; Aug. 28.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricants. 2,383,916; Aug. 28.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricant. 2,383,917; Aug. 28.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Low temperature lubricants. 2,387,170; Oct. 16.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Low temperature lubricants. 2,389,924; Nov. 27.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lithium base greases. 2,390,450; Dec. 4.
Morgan, John D., South Orange, N. J., assignor to Cities Service Oil Company, New York, N. Y. Lubricating greases. 2,391,842; Dec. 25.
Morgan, John D., South Orange, and T. Anderson, Elizabeth, N. J., assignors to Cities Service Oil Company, New York, N. Y. Apparatus for testing lubricants. 2,370,606; Feb. 27.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Electrical oil heating apparatus. 2,373,084; Apr. 3.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Lubricating greases. 2,375,485; May 8.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Electric heaters for heavy aircraft. 2,377,027; May 29.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Cleaning composition. 2,379,851; July 3.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Motor fuel knock rating. 2,380,704; July 31.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Protective grease. 2,383,148; Aug. 21.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Hand cleaning composition. 2,383,610; Aug. 28.
Morgan, John D., and A. R. Blakey, South Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Refining crude petrolatum. 2,387,171; Oct. 16.
Morgan, John D., South Orange, and P. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Electric heating apparatus and heating crank case oils. 2,389,925; Nov. 27.
Morgan, John D., South Orange, and R. E. Lowe, East Orange, N. J., assignors to Cities Service Oil Company, New York, N. Y. Plastic sealing cements. 2,389,926; Nov. 27.
Morgan, John M., Houston, Tex. Power transmitting mechanism. 2,385,457; Sept. 25.
Morgan, Leo, and R. M. Johnson, Toronto, Ontario, Canada. Apparatus for printing lengths of material. 2,375,237; May 8.
Morgan, Leslie B.: *See*—
Anderson, J. G., Hill, and Morgan.
Morgan, Murray, Hoboken, N. J. Chest protector. 2,385,877; Oct. 2.
Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Rolling mill. 2,370,984; Mar. 6.
Morgan, Paul W., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of cellulose organic ester yarns. 2,375,864; May 15.
Morgan, Paul W., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry spun and dry cast structures of synthetic materials. 2,376,934; May 29.
Morgan, Porter S., Westport, Conn. Postal scale. 2,383,408; Aug. 21.
Morgan, Richard W.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle.
Morgan, Robert C., Omaha, Nebr., assignor to The Glenn L. Martin Company, Middle River, Md. Staking tool. 2,372,973; Apr. 3.
Morgan, Russell L.: *See*—
Light, D. W., and Morgan.
Morgan, Thomas J., Chicago, and A. S. Dearborn, Hinsdale, Ill., assignors to Ampro Corporation Film retainer for cinematograph sprockets. 2,390,893; Dec. 11.
Morgan, Weld, assignor to Morgan Construction Company, Worcester, Mass. Wire-drawing machine. 2,370,481; Feb. 27.
Morgan, Weld, assignor to Morgan Constuction Company, Worcester, Mass. Coil supporting apparatus. 2,372,730; Apr. 3.
Morgan, Weld, and C. D. Wesson, assignors to Morgan Construction Company, Worcester, Mass. Wire-block stripper. 2,370,482; Feb. 27.
Morgan, Willard L.: *See*—
Colbert, W. H., and Morgan.

Morgan, Willard L., Columbus, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Method of and apparatus for cleaning and surface-coating glass and the like. 2,383,470; Aug. 28.
Morgan, Willard L., Columbus, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating with quartz vapor. 2,386,875; Oct. 16.
Morgan, William McG.: *See*—
Gudgeon, H., Isaacs, and Morgan.
Morgenstern, Charles E., assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Drier. 2,372,799; Apr. 3.
Morgenstern, David M., assignor to The Electroline Mfg. Co., Cleveland, Ohio. Drilling device. 2,379,028; June 26.
Morgenstern, Jacob, Brooklyn, N. Y. Fur wetting apparatus. 2,382,089; Aug. 14.
Moriarty, Mary A., Naugatuck, Conn. Humidified flowerpot or container. 2,387,340; Oct. 23.
Morin, Louis H.: *See*—
Marinsky, D., and Morin.
Morin, Louis H., assignor.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Forming and trimming die castings. 2,367,235; Jan. 16.
Morin, Louis H., assignor, by mesne assignments, of one-half to said L. H. Morin, and one-half to D. Marinsky, Bronx, N. Y. Apparatus for forming and trimming die castings. 2,367,303; Jan. 16.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Casting a series and a portion of a series of scoops. 2,368,260; Jan. 30.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Trimming gates of die castings. 2,375,486; May 8.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Single stringer separable fastener. 2,378,719; June 19.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Servopower application to dies of die-casting machines. 2,379,738; July 3.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Separable fastener. 2,385,020; Sept. 18.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Free flexing separable fastener. 2,385,021; Sept. 18.
Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Apparatus for producing intercoupled relatively movable castings. 2,388,986; Nov. 13.
Morin, William R., Jr., Houston, and O. R. Jorden, La Porte, Tex. Sign display frame. 2,372,387; Mar. 27.
Morison, James C., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,371,063; Mar. 6.
Morith, Franklin J., Batavia, N. Y. Line shaft ratio changer. 2,373,138; Apr. 10.
Moritz, Adrian J. L., J. G. Schoonderwoerd, W. J. D. Van Dobbenburgh, and P. W. Markwood, assignors to American Enka Corporation, Enka, N. C. Apparatus for unwinding yarn. 2,370,746; Mar. 6.
Mork, George W., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Tractor propelled implement. Re. 22,662; Aug. 7.
Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Tractor propelled implement. 2,372,220; Mar. 27.
Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Elevating scraper. 2,380,986; Aug. 7.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Wheel construction. 2,366,280; Jan. 2.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Plow. 2,380,323; July 10.
Morland, Preben, Gentofte, and J. A. Smith, Copenhagen, Denmark; vested in the Alien Property Custodian. Apparatus for treatment of nerves and muscles by means of electric impulses. 2,375,575; May 8.
Morley, Arthur R. and R. C., Youngstown, Ohio. Navigation instrumentality. 2,376,445; May 22.
Morley, John F., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical insulating material. 2,382,498; Aug. 14.
Morley, Robert C.: *See*—
Morley, Arthur R. and R. C.
Morner, Hans G., New York, N. Y. Releasable fastening for life rafts. 2,377,803; June 5.
Morner, Hans G., New York, N. Y. Lifesaving jacket. 2,389,735; Nov. 27.
Moroney, Edward F., Penarth, Glamorgan, South Wales. Ship structure. 2,382,499; Aug. 14.
Moroney, James J., et al.: *See*—
Bauer, William J., assignor.
Morrell, Charles E., Roselle, and M. W. Swaney, Cranford, N. J., assignors to Standard Oil Development Company. Removal of acetylenes from gaseous mixtures of hydrocarbons. 2,370,809; Mar. 6.
Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Segregating valuable hydrocarbon constituents. 2,370,810; Mar. 6.
Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Separating and concentrating butadiene. 2,375,576; May 8.
Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Prevention of copper acetylide precipitation. 2,384,329; Sept. 4.
Morrell, Charles E., Roselle, and M. W. Swaney, Linden, N. J., assignors to Standard Oil Development Company. Separating butadiene from acetylenes. 2,388,928; Nov. 13.
Morrell, Henry F., Denver, Colo. Fluid fuel burner. 2,368,373; Jan. 30.
Morrell, Jacque C., Oak Park, Ill. Eyeglass. 2,367,418; Jan. 16.
Morrell, Jacque C., Oak Park, Ill. Making containers. 2,367,419; Jan. 16.
Morrell, Jacque C., Oak Park, Ill. Hairpin holder and dispenser. 2,383,207; Aug. 21.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,375,021; May 1.
Morrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Fulling Mill. 2,375,736; May 8.
Morrill, Frank B., North Adams, Mass., assignor to The James Hunter Machine Company. Tenter drier. 2,390,451; Dec. 4.
Morrill, Vaughan, Jr.: *See*—
Stockstrom, A., Kahler, and Morrill.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Driving mechanism. 2,388,699; Nov. 13.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Driving mechanism. 2,388,700; Nov. 13.
Morris, Albert W., Springfield, Mass. Apparatus for making metal articles from metal powder. 2,379,540; July 3.
Morris, Bert M., Los Angeles, Calif. Memo base for pen-ink units. 2,379,588; July 3.
Morris, Charles W., assignor to Boeing Aircraft Company, Seattle, Wash. Settable manifold pressure control for aircraft. 2,373,139; Apr. 10.
Morris, Claremont R., New York, N. Y. Handbag. 2,369,482; Feb. 13.
Morris, Claremont R., New York. N. Y. Shower fixture. 2,380,665; July 31.
Morris, Clarence S., Coalinga, Calif., assignor to Petrolite Corporation Ltd., Wilmington, Del. Processes for sweetening hydrocarbon oils. 2,366,545; Jan. 2.
Morris, Darcy D.: *See*—
Moore, A. W., Moran, Christian, and Morris.
Morris, Donald H.: *See*—
Anderson, E. M., and Morris.
Morris, George C., Seattle, Wash. Welding tool. 2,379,645; July 3.
Morris, George V., Berkeley, and R. Adler, assignors to Associated Research, Incorporated, Chicago, Ill. Instrument for testing grounding resistance. 2,375,022; May 1.
Morris, Howard I., assignor of one-third to C. M. Yoder, and one-third to H. O. Yoder, Lakewood, Ohio. Apparatus for producing alternating currents. 2,386,811; Oct. 16.
Morris, James C., Wadsworth, assignor to The Ohio Boxboard Company, Rittman, Ohio. Container handle. 2,373,408. Apr. 10.
Morris, John J., Tuckahoe, and W. C. Stohldreier, Bronxville, N. Y. Manhole cover lock. 2,388,561; Nov. 6.
Morris, John L., Los Angeles, Calif. Babbitting appliance. 2,375,939; May 15.
Morris, John N., Edgbaston, Birmingham, and R. L. Kent, Marston Green, near Birmingham, England. Door actuating apparatus. 2,367,959; Jan. 23.
Morris, John R.: *See*—
McCleary, R. F., and Morris.
Morris, John R., and R. F. McCleary, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,374,559; Apr. 24.
Morris, John Y., assignor to V. E. Sprouse and A. Sprouse, a copartnership doing business as V. E. Sprouse Company, Columbus, Ind. Adjustable end hose clamp. 2,381,551; Aug. 7.
Morris, Joseph R., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,375,378; May 8.
Morris, Lloyd C.: *See*—
Schulze, W. A., and Morris.
Short, G. H., and Morris.
Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Monocyclic mono-olefine cuprous halide and making it. 2,386,256; Oct. 9.
Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrocarbons. 2,386,333; Oct. 9.
Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,386,334; Oct. 9.
Morris, Lloyd C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,386,335; Oct. 9.

Morris, Lloyd P., Chicago, Ill. Interval timer. 2,374,946; May 1.
Morris Paper Mills: *See*—
Arneson, Edwin L., assignor.
Crane, Walton B., assignor.
De Villard, Jean F., assignor.
Lebold, Samuel N., assignor.
Powell, Henry K., assignor.
Morris, Ramiel, St. Louis, Mo. Towel cabinet timer. 2,391,471; Dec. 25.
Morris, Ross E., Vallejo, Calif. Vulcanizing rubber treads to decks. 2,366,209; Jan. 2.
Morris, Roy H.: *See*—
Spiegel, G. W., and Morris.
Morris, Rupert C.: *See*—
Evans, T. W., and Morris.
Evans, T. W., Morris, and Melchior.
Evans, T. W., Morris, and Shokal.
Morris, Rupert C., and H. de V. Finch, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of diolefins. Re. 22,671; Aug. 28.
Morris, Rupert C., Berkeley, and A. V. Snider, Richmond, assignors to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,368,597; Jan. 30.
Morris, Rupert C., and R. J. Moore, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Preparation of unsaturated hydrocarbons. 2,370,412; Feb. 27.
Morris, Rupert C., Berkeley, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Recovery of olefinic hydrocarbons. 2,371,908; Mar. 20.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sulphurized esters of cyclic sulphones. 2,372,160. Mar. 20.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sulphurized amides and imides of cyclic sulphones. 2,372,161; Mar. 20.
Morris, Rupert C., and Harry de V. Finch, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Separation of diolefins. 2,373,329; Apr. 10.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Separation of isomers of substituted polyolefinic compounds. 2,375,023; May 1.
Morris, Rupert C., and J. L. Van Winkle, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Isomerization of poly-olefinic hydrocarbons. 2,375,024; May 1.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Stabilization of halobutenes. 2,376,075; May 15.
Morris, Rupert C., and R. J. Moore, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of dienes. 2,386,135; Oct. 2.
Morris, Rupert C., Berkeley, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Synthetic rubber compositions. 2,391,330; Dec. 18.
Morris, Rupert C., Berkeley, and A. V. Snider, Richmond, assignors to Shell Development Company, San Francisco, Calif. Stabilization of sulpholanes. 2,391,331; Dec. 18.
Morris, Wesley W., assignor of one half to Bellingham Iron Works, Inc., Bellingham, Wash. Inverted spot-facer. 2,376,446; May 22.
Morris, Wilford E., assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for ultrasonic testing. 2,378,237; June 12.
Morris, William C.: *See*—
Harbert, C. J., and Morris.
Morrison, Alexander L.: *See*—
Bergel, F., Hindley, Morrison, and Rinderknecht.
Bergel, F., Morrison, Hindley, and Moss.
Morrison, Clyde W., Toledo, Ohio. Load handling mechanism. 2,388,987; Nov. 13.
Morrison, Dana E., Kenilworth, and P. F. Ziegler, Winnetka, assignors to The Kendall Company, Chicago, Ill. Bonded joint or section of elastic fabric. 2,380,365; July 10.
Morrison, David L., Bloomfield, N. J. Music character printing. 2,382,804; Aug. 14.
Morrison, Hackley, assignor to Texfan Company, Houston, Tex. Ventilating or exhaust fan. 2,385,152; Sept. 18.
Morrison, Harry: *See*—
Saunders, S. G., and Morrison.
Morrison, Harry, Pittsburgh, Pa. Belt. 2,386,708; Oct. 9.
Morrison, Montford, Upper Montclair, N. J. Winding and reeling. 2,366,977; Jan. 9.
Morrison, Montford, Upper Montclair, N. J. Sound reproducer drive. 2,369,599; Feb. 13.
Morrison, Montford, Upper Montclair, N. J. Carrier-current telegraph system. 2,370,985; Mar. 6.
Morrison, Montford, Upper Montclair, N. J. Secret signaling system. 2,374,495; Apr. 24.
Morrison, Montford, Upper Montclair, N. J. Telegraph signal transmission system. 2,380,666; July 31.
Morrison, Montford, Upper Montclair, N. J. Signal modulation means. 2,380,667; July 31.
Morrison, Montford, Upper Montclair, N. J. Arc-welding converter. 2,380,668; July 31.
Morrison, Montford, Upper Montclair, N. J. Oscillation generator system. 2,390,659; Dec. 11.
Morrison, Willard L., Lake Forrest, Ill. Refrigerating apparatus. 2,373,905; Apr. 17.
Morrison, Willard L., Lake Forest, Ill. Twin-cylinder refrigerator. 2,380,987; Aug. 7.
Morrison, Willard L., Lake Forest, Ill. Refrigerating apparatus. 2,391,030; Dec. 18.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Heat-absorbing water conduit for tank water heaters. 2,371,346; Mar. 13.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Jacket for water heaters. 2,371,347; Mar. 13.
Morrow, D., and L. Baldo, U. S. Navy. High-pressure gas fitting. 2,370,182; Feb. 27.
Morse Chain Company: *See*—
Cherry, R. E., and Bremer, assignors.
Perry, David B., assignor.
Morse, John F., Hudson, Ohio. Web treating apparatus. 2,371,771; Mar. 20.
Morse, John F., Hudson, Ohio. Web aligning apparatus. 2,387,036; Oct. 16.
Morse, John F., Hudson, Ohio. Film spool. 2,390,894; Dec. 11.
Morse, Lawrence H., Mentor, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Clamp for master sheets of printing machines. 2,381,461; Aug. 7.
Morse, Malcolm W., Boston, Mass. Endless traction tread mechanism for vehicles. 2,376,802; May 22.
Morse, Paul H., Santa Barbara, Calif. Abnormal motor condition indicator. 2,377,569; June 5.
Morsing, William: *See*—
Gillis, R., and Morsing.
Mortell, J. W., Company: *See*—
Coutlee, Alex, assignor.
Morten, Louis G., Teaneck, and J. F. O'Brien, Jersey City, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,383,014; Aug. 21.
Morton, Alexander, Bloomfield, N. J. Baker's safety glove. 2,391,263; Dec. 18.
Morton, Allen W., Baltimore, Md., assignor, by mesne assignments, to Koppers Company, Inc. Shaft seal. 2,372,103; Mar. 20.
Morton, Edmund R., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,380,541; July 31.
Morton, Eldred O.: *See*—
Woodman, K. L., and Morton.
Morton, Eldred O., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Piercing tool. 2,374,031; Apr. 17.
Morton, Eldred O., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Steam iron. 2,387,281; Oct. 23.
Morton, Naomi G., New York, N. Y. Hair curling device. 2,383,612; Aug. 28.
Morton, Robert E., Warwick, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,391,472; Dec. 25.
Morton, William A., Mount Lebanon, assignor, by mesne assignments, to Union Mining Company of Allegany County, Pittsburgh, Pa. Burner. 2,385,153; Sept. 18.
Morway, Arnold J.: *See*—
Zimmer, J. C., and Morway.
Morway, Arnold J., Clark Township, Union County, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Semifluid chassis or track roller lubricant. 2,379,245; June 26.
Mos, Carl J. L., Cincinnati, Ohio, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Wire feeder. 2,373,589; Apr. 10.
Mosch, Alfred, Bronx, N. Y. Pocket utensil holder. 2,371,308; Mar. 13.
Moschel, Herman, and G. B. Hill, assignors to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Harvesting and packaging machine. 2,379,371; June 26.
Moseley, Francis L.: *See*—
Browder, J. E., and Moseley.
Moseley, Francis L., Osborn, Ohio, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft flight indicator and control system therefor. Re. 22,704; Dec. 25.
Moser, Bernard H.: *See*—
Petersen, J. S., Miller, Wendshuh, and Moser.
Sykes, R. E., and Moser.
Mosher, Paul R., assignor to Hercules Powder Company, Wilmington, Del. Soap and producing. 2,376,499; May 22.
Moshier, Charles C., Maud, Ohio. Foot-exercising device. 2,376,000; May 15.
Moskey, Moskos S., Lakewood, Ohio. Mold for forming artificial teeth. 2,368,721; Feb. 6.
Moskowitz, Abram, assignor to Milius Shoe Co., St. Louis, Mo. Shoe and manufacturing the same. 2,371,703; Mar. 20.
Moskowitz, Abram, University City, assignor to Milius Shoe Company, St. Louis, Mo. Shoe and making same. 2,377,570; June 5.

Moskowitz, Abram, and W. S. Milius, St. Louis, Mo. Shoe. 2,391,437; Dec. 25.
Mosler, Edwin H., New York, N. Y., and H. H. Lynn, Wyoming, assignors to The Mosler Safe Company, Hamilton, Ohio. Insulated record container. 2,387,172; Oct. 16.
Mosler Safe Company, The: *See*—
Mosler, E. H., and Lynn, assignors.
Mosley, Elzie V., Forest City, N. C. Wire stretcher. 2,377,957; June 12.
Moss, Albert R.: *See*—
Bergel, F., Morrison, Hindley, and Moss.
Moss, Chester C., Jackson, Mich., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Thumbscrew. 2,383,670; Aug. 28.
Moss, Cresap, Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Magnesium base alloy. 2,370,320; Feb. 27.
Moss, Percy R.: *See*—
McWilliams, J. W., and Moss.
Moss, Sanford A., Lynn, Mass., assignor to General Electric Company. Turbosupercharger system. 2,380,777; July 31.
Moss, William H., assignor to British Celanese Limited, London, England. Buoyant material. 2,374,372; Apr. 24.
Mossbach, Henry, Seattle, Wash. Internal-combustion rotary motor. 2,389,632; Nov. 27.
Mossberg Pressed Steel Corporation: *See*—
Olson, Robert V., assignor.
Mosshart, Donald J.: *See*—
Foresman, R. A., Mosshart, and Schultz.
Schultz, A. F., and Mosshart.
Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Furnace control apparatus. 2,378,238; June 12.
Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus. 2,386,336; Oct. 9.
Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Combustion apparatus. 2,387,600; Oct. 23.
Mossinghoff, Bernard H., Chicago, Ill. Brake operator. 2,372,842; Apr. 3.
Mostello, Anthony J.: *See*—
Daniels, R. S., and Mostello.
Mosthaf, Edwin, Mount Vernon, N. Y. Spark plug terminal. 2,382,805; Aug. 14.
Mostyn, John P.: *See*—
Walker, H. H., and Mostyn.
Motley, Lewis, London, England. Gun mounting. 2,366,642; Jan. 2.
Motor Products Corporation: *See*—
Mackey, Henry W., assignor.
Motor Repair and Manufacturing Company, The: *See*—
Pardey, G. H., and Johnson, assignors.
Motor Service & Supply Co.: *See*—
Palisano, V. H., and Mentecki, assignors.
Motor State Products Company: *See*—
Keller, August, assignor.
Mcleod, Stewart B., assignor.
Motor Wheel Corporation: *See*—
Gardner, Arthur W., assignor.
Jones, Don F., assignor.
Jones, D. F., Miller, and Figg, assignors.
Miller, J. W., and Smith, assignors.
Motsinger, Armand V., Aberdeen, Md. Outlet valve. 2,369,170; Feb. 13.
Motson, James F., Fox Chase Manor, Pa. Synthetic plastic article and making the same. 2,382,806; Aug. 14.
Mott, Carl W., assignor to International Harvester Company, La Grange, Ill. Tractor-mounted implement. 2,366,281; Jan. 2.
Mott, Carl W., La Grange, Ill., assignor to Leach Company, Oshkosh, Wis. Refuse collector. 2,371,540; Mar. 13.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,375,025; May 1.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor implement. 2,375,026; May 1.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Agricultural implement. 2,381,552; Aug. 7.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Control valve for fluid-operated systems. 2,381,553; Aug. 7.
Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Connecting pin holder. 2,391,100; Dec. 18.
Mott, William P., Chicago, Ill., assignor to J. M. Schatz and H. R. Glasser. Control valve for sandblasting. 2,367,647; Jan. 16.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Treatment of aliphatic sulphonic acids. 2,368,484; Jan. 30.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Acid recovery process. 2,379,823; July 3.
Mottern, Henry O., Elizabeth, N. J., assignor to Standard Oil Development Company. Separation of tertiary olefins from hydrocarbon mixtures. 2,386,055; Oct. 2.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Preparation of olefinic hydrocarbons. 2,388,929; Nov. 13.
Mottern, Henry O., Hillside, N. J., assignor to Standard Oil Development Company. Acid recovery process. 2,390,316; Dec. 4.
Moule, Rex E.: *See*—
Wening, H. E., and Moule.
Moulton, Harold R.: *See*—
Tillyer, E. D., Joyce, and Moulton.
Mounce, Whitman D., Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,376,168; May 15.
Mount, Mark L.: *See*—
Williams, H. W., Mount, and Nelson.
Williams, H. W., Santini, and Mount.
Mount Sinai Hospital Research Foundation, Inc.: *See*—
Sobotka, H. H., and Rubin, assignors.
Mount, Walter M., Tulsa, Okla. Liquid demulsifying and settling apparatus. 2,388,796; Nov. 13.
Mouradian, Hughes, Philadelphia, Pa. Cable system for high frequency transmission. 2,373,906; Apr. 17.
Mouromtseff, Ilia E., Montclair, and G. M. Dinnick, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tank circuit. 2,389,271; Nov. 20.
Movie-Mite Corporation: *See*—
Calvin, F. O., Wilson, and Smith, assignors.
Moxley, Auben E., East Orange, N. J. Inspirator for gas burners. 2,388,930; Nov. 13.
Mowat, Mervyn O., Chicago, Ill. Typewriter desk. 2,369,069; Feb. 6.
Mower, William W., and W. F. Van Loenen, Los Altos, assignors to The Permanente Metals Corporation, Oakland Calif. Coupling device. 2,376,803; May 22.
Mowrey, Lester D., Wichita Falls, Tex. Well anchor. 2,380,669; July 31.
Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Cyanomethyl esters of dicarboxylic acids. 2,380,061; July 10.
Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Cyanomethyl crotonates. 2,380,062; July 10.
Mowry, David T., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Cyanomethyl cinnamates. 2,380,063; July 10.
Moxley, William M., Kansas City, Mo. Extensible battery cell holder for electric lanterns. 2,383,337; Aug. 21.
Moy, Margaret E., Orange, N. J. Brassière. 2,389,450; Nov. 20.
Moyal, José E.: *See*—
Goldschmidt, M., and Moyal.
Moyer, Elizabeth F., administratrix: *See*—
Moyer, Paul S.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Motor controller. 2,368,485; Jan. 30.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Control system. 2,376,169; May 15.
Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric control system. 2,387,601; Oct. 23.
Moyer, Howard W., Warren, Ohio. Four-place slide rule. 2,387,404; Oct. 23.
Moyer, John D., assignor to Holeproof Hosiery Co., Milwaukee, Wis. Automatic welt turner. 2,376,267; May 15.
Moyer, Paul S., deceased, by E. F. Moyer, Lake Forest, Ill., administratrix. Making finely divided silica. 2,386,337; Oct. 9.
Moyer, Wendell W., Decatur, Ill., and W. C. Klingelhoefer, Van Buren, assignors to The Solvay Process Company, New York, N. Y. Recovery of phenol. 2,367,731; Jan. 23.
Moyle, Clarence L.: *See*—
Britton, E. C., Moyle, and Bryner.
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Esters of 4-cyclohexene-1,2-dicarboxylic acid. 2,384,955; Sept. 18.
Moynihan, John J., Rochester, N. Y., assignor of one-half to J. B. Brennan, Cleveland, Ohio. Mechanical movement. 2,389,451; Nov. 20.
Moyses, Harry E., New York, N. Y. Decorative switch manipulator. 2,382,738; Aug. 14.
Mozingo, Ralph, Elizabeth, assignor to Merck & Co., Inc., Rahway, N. J. Removing the sulphoxy group from organic compounds containing this group. 2,371,641; Mar. 20.
Mozingo, Ralph, Elizabeth, assignor to Merck & Co., Inc., Rahway, N. J. Reacting nickel with organic sulphones. 2,371,642; Mar. 20.
Mudge, William A., assignor to The International Nickel Company, Inc., New York, N. Y. Producing composite metal stock. 2,390,452; Dec. 4.
Mudgett, Easton L., Coupeville, Wash. Draft device. 2,375,318; May 8.
Mudler, James T., U. S. Navy, Brooklyn, N. Y. Dental instrument sharpener. 2,380,988; Aug. 7.
Muecke, Edward, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine looper mechanism. 2,389,867; Nov. 27.
Muehler, Lowell E.: *See*—
Russell, H. D., and Muehler.

Muehler, Lowell E., C. J. Kunz, and G. T. Eaton, assignors to Eastman Kodak Company, Rochester, N. Y. Water spot prevention in photographic film. 2,367,516; Jan. 16.

Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Transmitter. 2,375,238; May 8.

Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Unit transmitter printing and signaling systems. 2,390,222; Dec. 4.

Mueller, Adolf G., Fairfield, Conn., assignor to General Electric Company. Lamp holder. 2,374,032; Apr. 17.

Mueller, Adolf G., and W. R. Young, Fairfield, and F. C. Dazley, Stratford, Conn., assignors to General Electric Company. Holder and fixture for tubular lamps. 2,384,956; Sept. 18.

Mueller, Alfred, Berwyn, Ill., assignor to Crane Co., Chicago, Ill. Making pipe fittings. 2,391,332; Dec. 18.

Mueller Co.: *See*—
Lowe, Earl W., assignor.
Mueller, Frank H., assignor.
Mueller, F. H., and Bowan, assignors.

Mueller, Erich O.: *See*—
Wagner, R. H., and Mueller.

Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Immersion apparatus. 2,367,732; Jan. 23.

Mueller, Frank H., and W. J. Bowan, assignors to Mueller Co., Decatur, Ill. Lubricated valve. 2,368,768; Feb. 6.

Mueller, Fritz W. H., Binghamton, N. Y. Soluble photographic layers of colloidal gums and conditioning such gums for such use. 2,370,321; Feb. 27.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Preparing nonturbid homogeneous solutions and dispersions of colloids and products so prepared. 2,379,646; July 3.

Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized silver halide emulsions. 2,385,762; Sept. 25.

Mueller, John, North Bergen, N. J., assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating and accounting machine 2,381,361; Aug. 7.

Mueller, John H.: *See*—
Mueller, Moritz L., assignor.

Mueller, John J., and C. P. Meyer, Pelham, N. Y. Lifting device for articles. 2,374,120; Apr. 17.

Mueller, Joseph J., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Automobile jack. 2,370,681; Mar. 6.

Mueller, Moritz L., Grosse Pointe, Mich. Heating apparatus. 2,376,170; May 15.

Mueller, Moritz L., Grosse Pointe, Mich. Heating apparatus. 2,376,171; May 15.

Mueller, Moritz L., Grosse Pointe, Mich. Heating apparatus. 2,376,172; May 15.

Mueller, Moritz L., assignor, by mesne assignments, to M. L. and J. H. Mueller, Seattle, Wash., as joint tenants. Heating apparatus. 2,376,173; May 15.

Mueller, Reinhold H., St. Louis, and G. W. Fossieck, St. Louis County, Mo. Tobacco pipe. 2,388,338; Nov. 6.

Mueller, Robert, Westwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Casing for electrical devices. 2,377,355; June 5.

Mueller, Victor J., Peoria, Ill. Fly swatter. 2,377,439; June 5.

Mueller, Willy, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Methine dyestuffs. 2,374,880; May 1.

Muench, Carl G., New Orleans, and G. H. Burt, Metairie, La., assignors to The Celotex Corporation, Chicago, Ill. Method of and apparatus for drying moving material. 2,376,612; May 22.

Muench, Herbert E.: *See*—
Hagen, E. F., and Muench.

Muenchinger, Herman G.: *See*—
Tomalis, J. J., and Muenchinger.

Muenzen, Frank R., New Rochelle, N. Y. Combination folding orthopedic and reclining bed board. 2,381,509; Aug. 7.

Muenzen, Frank R., New Rochelle, N. Y. Folding reclining bed board. 2,390,660; Dec. 11.

Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Centrifugal separator pan. 2,379,647; July 3

Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co. Incorporated, Chicago, Ill. Starting mechanism and the like. 2,383,671; Aug. 28.

Mueser, Charles, Verona, assignor to T. Shriver & Company, Inc., Harrison, N. J. Diaphragm valve. 2,388,988; Nov. 13.

Mueser, Charles, Verona, assignor to T. Shriver & Company, Inc., Harrison, N. J. Diaphragm, valve. 2,388,989; Nov. 13.

Muessig, Clifford W.: *See*—
Buc, H. E., and Muessig.

Muffett, Robert B., Merchantville, N. J. Nonbacklash device for fishing reels. 2,384,561; Sept. 11.

Muffly, Gary, Penn Township, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Amplifier. 2,370,483; Feb. 27.

Muffly, Glenn, Springfield, Ohio. Refrigerating method. 2,368,675; Feb. 6.

Muffly, Glenn, Springfield, Ohio. Control mechanism. 2,375,319; May 8.

Mugdan, Martin, Richmond, and D. H. R. Barton, London, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Splitting-off of hydrogen halide from halogenated hydrocarbons. 2,378,859; June 19.

Mugdan, Martin, Richmond, and D. H. R. Barton, London, S. W. 7, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Splitting-off of hydrogen halide from halogenated hydrocarbons. 2,379,372; June 26.

Muggy, Marjorie K., and J. de Jong, New York, N. Y. Garment style designing set. 2,384,330; Sept. 4.

Muir, William, Munhall, Pa. Tool driver. 2,391,438; Dec. 25.

Muir, William P.: *See*—
Welsford, H. G., and Muir.

Muirhead, Alfred R., Columbus, Ga., assignor to Lummus Cotton Gin Company. Condenser. 2,385,297; Sept. 18.

Muise, James H., Bridgeport, Conn. Soap sheet and making same. 2,389,736; Nov. 27.

Mulcahy, Edward M.: *See*—
Pieszak, A. J., and Mulcahy.

Mulcahy, Edwin C., assignor to Moloney Electric Company, St. Louis, Mo. Producing cores for electrical induction apparatus. 2,374,449; Apr. 24.

Muldoon, Bernard F., Caldwell, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Portable flashlight. 2,381,510; Aug. 7.

Mulheim, Joseph E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resilient shaft coupling. 2,379,175; June 26.

Mulheim, Joseph E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Brush rigging. 2,379,176; June 26.

Mulheim, Joseph E., Lima, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Dynamoelectric machine. 2,385,022; Sept. 18.

Mulhern, William A., Detroit, assignor to Chrysler Corportion, Highland, Park, Mich. Trim ring. 2,383,071; Aug. 21.

Mullally, James: *See*—
Pruneau, J. L., Mullally, and Hanrahan.

Mullan, Daniel: *See*—
Gustin, D. S., and Mullan.

Mullane, John J., Tulsa, Okla., assignor to Standard Oil Development Company. Well logging. 2,368,486; Jan. 30.

Mullen, Charles F.: *See*—
Berkow, M., and Mullen.

Mullen, Charles F., Long Branch, assignor to Central Aircraft Corporation, Keyport, N. J. Automatic control for firearms. 2,391,473; Dec. 25.

Mullen, James W., II: *See*—
Pacsu, E., and Mullen.

Mullen, William G., Danvers, assignor to Lithomat Corporation, Boston, Mass. Photogravure printing plate and making same. 2,367,420; Jan. 16.

Müller A.-G. Brugg, Maschinenfabrik und Eisengiesserei Brugg: *See*—
Maurer, Gottfried, assignor.

Müller, Adolf: *See*—
Fleischhauer, R., and Müller.
Fleischauer, R., Müller, and Schultis.

Muller, Albert B., Fort Wayne, Ind., assignor to Juvenile Wood Products, Inc. Strap fixture for armchairs. 2,383,918; Aug. 28.

Müller, Ernst: *See*—
Bühler, H., and Müller.

Müller, Ernst, Berlin, Germany; vested in the Alien Property Custodian. Radio system for obtaining bearings. 2,368,318; Jan. 30.

Müller, Géza W., Bron, France; vested in the Alien Property Custodian. Gear pump. 2,386,257; Oct. 9.

Müller, Heinz O.: *See*—
Ruska, E., Schuchmann, Ruska, and Müller.

Müller, Heinz O., Berlin-Spandau, Germany; vested in the Alien Property Custodian. Apparatus for taking pictures of the images produced by electron optic apparatus. 2,382,739; Aug. 14.

Muller, Johan A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Surge valve. 2,368,769; Feb. 6.

Muller, John A., Ridgewood, and L. Cranston, Glen Rock, N. J., assignors to United States Rubber Company, New York, N. Y. Making inflatable hose. 2,381,074; Aug. 7.

Muller, John T., Livingston, assignor to Western Electric Company, Incorporated, New York, N. Y. Material forming apparatus. 2,382,897; Aug. 14.

Muller, Otto, Bronx, N. Y. Strainer. 2,374,613; Apr. 24.

Müller, Paul, assignor to the Firm J. R. Geigy A. G., Basel, Switzerland. Devitalizing composition of matter. Re. 22,700; Dec. 4.

Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Key coupling device. 2,367,421; Jan. 16.

Müller, Walther, Hamburg-Fuhlsbuttel, Germany. Gas-filled high-tension rectifier. 2,366,349; Jan. 2.

Muller, Werner, assignor to Brujac Electronic Corporation, New York, N. Y. Electronic floor leveler for elevators. 2,375,435; May 8.

Müller, Wilhelm, and L. Spies, Bitterfeld, Germany; vested in the Alien Property Custodian. Production of a highly disperse pigment. 2,378,572; June 19.

Mullet, Howard G. and E. D. Wachter, Jr., Whitefish Bay, assignors to Bradley Washfountain Co., Milwaukee, Wis. Wash fountain. 2,378,424; June 19.

Mullett, Howard G., and E. D. Wachter, Jr., Whitefish Bay, assignors to Bradley Washfountain Co., Milwaukee, Wis. Soap dispenser. 2,376,551; May 22.

Mullgardt, Alex S.: *See*—
Cherry, C. W., and Mullgardt.

Mullgardt, Alexander S., assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet. 2,372,222; Mar. 27.

Mullgardt, Alexander S., assignor to Cherry Rivet Company, Los Angeles, Calif. Collet type pulling head. 2,384,690; Sept. 11.

Mullgardt, Alexander S., assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet manufacture. 2,385,831; Oct. 2.

Mullin, James B., San Marino, Calif. Plastic bituminous compositions. 2,376,447; May 22.

Mullins, Joseph F.: *See*—
Ross, W. H., Shipley, Mullins, and Hardesty.

Mullins Manufacturing Corporation: *See*—
Benson, John H., assignor.
Swertfager, W. A., and Clark, assignors.

Multiple Breaker Company, The: *See*—
MacDonald, Joseph R., assignor.

Mulvany, Kenneth E.: *See*—
Dunham, E. J., and Mulvany.

Muma, John R., Northport, E. J. Wilson, Jr., and R. Haskins, Jr., Garden City, N. Y., assignors to Sperry Gyroscope Company, Inc. Liquid level switch. 2,376,377; May 22.

Mumford, Ivor R. J., Welwyn, England. Submersible container. 2,371,404; Mar. 13.

Mummert, Fred: *See*—
Keeling, H., and Mummert.

Mummery, Lester R., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for treating artificial filaments. 2,379,824; July 3.

Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Treating and removing finely-divded solid material. 2,380,324; July 10.

Munday, John C., Cranford, N. J., and E. E. Stahly, East Baton Rouge, La., assignors to Standard Oil Development Company. Catalytic treatment of naphthas. 2,367,365; Jan. 16.

Munford, Theodore W., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Furnace. 2,384,764; Sept. 11.

Munk, William P., San Francisco, Calif. Oil and gas separator. 2,386,564; Oct. 9.

Munn, Elvin R., Fair-Play, Mo. Engine. 2,369,747; Feb. 20.

Munn, John E., Bellevue, assignor to Chemical Service Company, Pittsburgh, Pa., a partnership comprising T. Schleid, A. H. Munn and J. E. Munn. Oil well packer. 2,367,733; Jan. 23.

Munn, William F., West Orange, N. J. Gas analysis apparatus. 2,371,405; Mar. 13.

Munning, August P., East Orange, and W. J. Winward, Scotch Plains, assignors to Munning & Munning, Incorporated, Newark, N. J. Drier. 2,376,174; May 17.

Munning & Munning, Incorporated: *See*—
Munning, A. P., and Winward, assignors.

Munro, Alexander L., assignor to Smith Engineering Works, Milwaukee, Wis. Screen. 2,372,791; Apr. 3.

Munro, Donald H., Toronto, Ontario, Canada. Hockey game. 2,382,328; Aug. 14.

Munro, Donald H., Toronto, Ontario, Canada. Baseball game. 2,382,329; Aug. 14.

Munroe, David J.: *See*—
Dally, R., Goldsmith, and Munroe.

Munroe, John A., Toronto, Ontario, Canada. Toy bank. 2,372,388; Mar. 27.

Munsingwear, Inc.: *See*—
Fletcher, George A., assignor.

Munson, Alexander L., Detroit, Mich. Welding mechanism. 2,379,983; July 10.

Munton, John P.: *See*—
Clem, E. W., and Munton.

Munyer, Salem E., Jr., Chicago, Ill. Safety pin. 2,375,239; May 8.

Munyon, Lester H., Spokane, Wash. Chimney liner extension. 2,381,178; Aug. 7.

Muranyi, Vincent: *See*—
Brodzik, W. F., and Muranyi.

Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Feeding device. 2,374,694; May 1.

Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Coating machine. 2,390,118; Dec. 4.

Murch, John H., East Orange, R. E. J. Nordquist, Maplewood, and E. Nordstrom, East Orange, N. J., assignors to American Can Company, New York, N. Y. Coating machine. 2,366,210; Jan. 2.

Murch, John H., East Orange, and R. E. J. Nordquist, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Can closing machine. 2,366,748; Jan. 9.

Murchey Machine & Tool Company: *See*—
Prance, Albert J., assignor.

Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Thrust bearing and mounting therefor. 2,387,602; Oct. 23.

Murdock, Abe: *See*—
Caruso, Vincent, assignor.

Murdock, Harold R., Asheville, and W. P. Lawrence, assignors to The Champion Paper and Fibre Company, Canton, N. C. Bleaching pulp. 2,377,171; May 29.

Murdock, Jesse M., Detroit, Mich. Internal-combustion engine. 2,380,778; July 31.

Murdock, William, Chicago, Ill. Fireplace andiron. 2,390,453; Dec. 4.

Murnane, John A., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Device for injecting viscous materials. 2,373,774; Apr. 17.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,367,422; Jan. 16.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,367,517; Jan. 16.

Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,371,406; Mar. 13.

Murphree, Eger V., Summit, N. J., A. Voorhies, Jr., Baton Rouge, La., L. S. Bonnell, Westfield, N. J., and L. S. Tregre, Baton Rouge, La., assignors, by mesne assignments, to Standard Catalytic Company. Processing hydrocarbon oils. 2,380,897; July 31.

Murphy, Alfred J., Petts Wood, and G. T. Callis, Pinner, assignors to J. Stone & Company Limited, Deptford, England. Refining of copper base alloys. 2,384,256; Sept. 4.

Murphy, Arthur C., Tulsa, Akla. Safety cutoff switch. 2,384,562; Sept. 11.

Murphy, Charles J., Fort Wayne, Ind., assignor to Essex Wire Corporation. Flier for wrapping yarn around wire. 2,390,454; Dec. 4.

Murphy, Dean, Rahway, N. J., assignor to Chadeloid Chemical Company. Lacquer coatings. 2,372,334; Mar. 27.

Murphy, Donald W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Machining steels. 2,388,214; Oct. 30.

Murphy, Donald W., Bethlehem, Pa., assignor to Bethlehem Steel Company. Machining steels. 2,388,215; Oct. 30.

Murphy, Edward J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum condenser. 2,389,207; Nov. 20.

Murphy, Gerald P., Cleveland, Ohio. Sign. 2,383,881; Aug. 28.

Murphy, Harold E., administrator: *See*—
Downer, Gerald W.

Murphy, Helendoris, et al.: *See*—
Fear, Ernest D., assignor.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut and nut installation. 2,382,942; Aug. 14.

Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Turn button fastener. 2,382,943; Aug. 14.

Murphy, John J., Oakville, and A. J. Reisinger, Waterbury, assignors to The Autoyre Company, Incorporated, Oakville, Conn. Display card and fastener holder 2,374,881; May 1.

Murphy, Joseph C., assignor of one-half to P. Weaver, Frannie, Wyo. Bulldozer tooth. 2,384,957; Sept. 18.

Murphy, Joseph E.: *See*—
Staid, I. J., and Murphy.

Murphy, Orlando J., Summit, and N. D. Newby, Leonia, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,885; Jan. 23.

Murphy, Peter, Brooklyn, N. Y. Solid tire cushion wheel. 2,387,930; Oct. 30.

Murphy Radio Limited: *See*—
Baker, G. B., and Hawkins, assignors.

Murphy, Timothy F., Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Color paste composition. 2,377,172; May 29.

Murphy, William H., executor: *See*—
De Lisle, Harry.

Murray Corporation of America, The: *See*—
Comstock, Alfred E., assignor.
Freeman, Lowell C., assignor.
Haberstump, Alfred H., assignor.
Haberstump, A. H., Jessup, and Wolofski, assignors.
Stephens, Russell D., assignor.
Tea, C. A., and Luther, assignors.
Wilkins, Howard W., assignor.

Murray Corporation, The: *See*—
Haberstump, Alfred H., assignor.

Murray, D. J., Manufacturing Co.: *See*—
Hartwig, Walter J., assignor.
Payzer, S. D., and Gray, assignors.

Murray, Francis C., Kittanning, Pa. Locking device. 2,374,297; Apr. 24.

Murray, Henry L., Epsom, Auckland, New Zealand. Ejector-condenser. 2,378,425; June 19.

Murray, Howard J., New York, N. Y. Combined fluid drive and automatic speed power transmission mechanism. 2,368,865; Feb. 6.

Murray, Howard J., New York, N. Y. Fluid drive mechanism. 2,386,258; Oct. 9.
Murray, James B., Garden City, N. Y. File folder. 2,374,695; May 1.
Murray, John, Chobham, England. Mechanized mount for the assembly of flat printing plates. 2,373,491; Apr. 10.
Murray, John D., Chicago, Ill. Acetylation process and product. 2,376,378; May 22.
Murray, John J., Arlington, Mass. Electrolytic method of producing printing plates. 2,367,236; Jan. 16.
Murray, Joseph A., Bethesda, Md. Strip shingle. 2,378,027; June 12.
Murray, Lawrence J., assignor to Automatic Telephone & Electric Company Limited, Liverpool, England. Telephone or like system. 2,387,525; Oct. 23.
Murray, Malcolm G., Ellwood City, Pa., assignor to National Tube Company. Making composite tubes. 2,371,348; Mar. 13.
Murray, Otis W., South River, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photography. 2,369,171; Feb. 13.
Murray, Otis W., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic article of manufacture. 2,386,167; Oct. 2.
Murray, Otis W., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic element. 2,379,373; June 26.
Murray, Thomas E., Brooklyn, N. Y. Welding. 2,366,978; Jan. 9.
Murray, Thomas F., Jr.: *See*—
Kenyon, W. O., and Murray.
Murrell, William P., Norman, Okla. Bicycle seat. 2,376,713; May 22.
Murtaugh, Joseph P.: *See*—
Daniels, A. W., and Murtaugh.
Musante, Louis, Ansonia, Conn. Head turning machine. 2,374,769; May 1.
Musebeck, George E., assignor to Musebeck Shoe Company, Danville, Ill. Picture projecting record. 2,369,483; Feb. 13.
Musebeck Shoe Company: *See*—
Musebeck, George E., assignor.
Musher Foundation Incorporated: *See*—
Musher, Sidney, assignor.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Manufacture of antioxygenic paper. 2,377,359; June 5.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Dry molasses food composition. 2,377,360; June 5.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Food composition. 2,391,474; Dec. 25.
Muskat, Irving E.: *See*—
Pollack, M. A., Muskat, and Strain.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Condensation of chromic chloride. 2,368,319; Jan. 30.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Precipitating alkali metal hydroxide. 2,373,257; Apr. 10.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polymerization of phthalate derivatives. 2,377,095; May 29.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Corrosion resistant coating compositions. 2,379,246; June 26.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Preparing shaped sheets of hard polymer. 2,379,247; June 26.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Preparing curved sheets of polymeric material. 2,379,248; June 26.
Muskat, Irving E., Glenside, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Heat transfer medium. 2,379,249; June 26.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polybasic acid-polyhydric alcohol esters and polymers thereof. 2,370,565; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Complex esters and polymers thereof. 2,370,566; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,370,567; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Haloformate esters and processes of production. 2,370,568; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,370,569; Feb. 27.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Methallyl chloroformate. 2,370,570; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,370,571; Feb. 27.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,370,572; Feb. 27.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,370,573; Feb. 27.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,370,574; Feb. 27.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of carbonic acid esters. 2,379,250; June 26.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Composition of matter. 2,379,251; June 26.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Carbonic acid esters. 2,379,252; June 26.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Plasticized cellulose ester. 2,381,511; Aug. 7.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polybasic acid-polyhydric alcohol esters and polymers thereof. 2,384,115; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated esters and polymers thereof. 2,384,116; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated esters and polymers thereof. 2,384,117; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composition of matter. 2,384,118; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters. 2,384,119; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,120; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,121; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated ester and polymer thereof. 2,384,122; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbonate esters and polymers thereof. 2,384,123; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,124; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,125; Sept. 4.
Muskat, Irving E., Akron, and F. Strain, Norton Center Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,384,126; Sept. 4.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polybasic acid-polyhydric alcohol esters and polymers thereof. 2,385,930; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,385,931; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Co., Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,385,932; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated alcohol esters of triethylene glycol bis (acid carbonate) and polymers thereof. 2,385,933; Oct. 2.
Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Co., Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,385,934; Oct. 2.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Unsaturated esters and polymers thereof. 2,387,931; Oct. 30.
Muskat, Irving E., and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composition of matter. 2,387,932; Oct. 30.

Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters and polymers thereof. 2,387,933; Oct. 30.

Muskat, Irving E., Akron, and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Composition of matter and polymerization products thereof. 2,387,934; Oct. 30.

Muskat, Irving E., Glenside, Pa., and F. Strain, Norton Center, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated ester-amides. 2,390,551; Dec. 11.

Muskat, Morris, Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Recovery of oil from oil fields. 2,385,298; Sept. 18.

Muskegon Piston Ring Company: *See*—
Lane, P. S., and Hamm, assignors.
Scarff, Harold M., assignor.
Stenwall, Robert, assignor.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of lubricants. 2,383,495; Aug. 28.

Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Composition of matter suitable for use as a lubricant and lubricant comprising the same. 2,385,832; Oct. 2.

Mussen, Donald N., Williamsville, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,376,714; May 22.

Musser, Clarence W., Philadelphia, Pa. Primer manufacture. 2,379,450; July 3.

Musser, David M.: *See*—
Rast, W. L., and Musser.

Mussler, Frank H.: *See*—
Bullard, E. P., III, Alvey, Cowell, Lange, and Mussler.

Musson, Alfred H., Woolwich, London, S. E. 18, and V. P. Harvey, Deptford, London, S. E. 6, England. Fuse-setting apparatus. 2,390,382; Dec. 4.

Muster, Harold B.: *See*—
Allen, E. L., and Muster.
Schonitzer, R. I., Allen, and Muster.
Schonitzer, R. I., and Muster.

Muster, Harold B., Avon Lake, assignor to Rudolph I. Schonitzer, Shaker Heights, Ohio. Sheet metal nut 2,391,031; Dec. 18.

Mustered, Ralph A., Ottawa, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,383,208; Aug. 21.

Mustin, Gilbert B., Lansdowne, assignor to Frank H. Fleer Corporation, Philadelphia, Pa. Chewing gum base. 2,366,672; Jan. 2.

Muther, Lorenz F.: *See*—
Glines, Frederick S., assignor.

Mutual Citrus Products Company: *See*—
Leo, H. T., and Taylor, assignors.
Leo, H. T., Taylor and Lindsey, assignors.

Mutual Life Insurance Company, The: *See*—
Williams, Ben H., assignor.

Mycalex Corporation of America: *See*—
Monack, Albert J., assignor.

My Double Company: *See*—
Sander, Frank S., assignor.

Myer, Wilbur V., San Diego, Calif. Building construction. 2,373,409; Apr. 10.

Myers, David M., Larchmont, N. Y. Fire extinguisher means. 2,378,426; June 19.

Myers, E. A., & Sons: *See*—
Lybarger, Samuel F., assignor.

Myers, Edward C., Racine, Wis. Flexible track. 2,378,427; June 19.

Myers, Frederick J., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Moldable plastic compositions. 2,367,423; Jan. 16.

Myers, Frederick J., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Plastic masses. 2,386,744: Oct. 9.

Myers, Henry C., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,372,104; Mar. 20.

Myers, Homer S.: *See*—
Selman, R. W., Jr., and Myers.

Myers, Jennie B., executrix: *See*—
Myers, Shierfield G.

Myers, Joseph W.: *See*—
Walder, E., and Myers.

Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical cooking apparatus. 2,387,460; Oct. 23.

Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Toaster. 2,388,641; Nov. 6.

Myers, Joseph W., and S. J. Roesch, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical cooking unit. 2,387,461; Oct. 23.

Myers, Latimer D.: *See*—
Fitzpatrick, J. D., and Myers.

Myers, Latimer D., and C. A. Sprang, assignors to Emery Industries, Inc., Cincinnati, Ohio. Selective oxidation of unsaturated fatty bodies. 2,369,108; Feb. 6.

Myers, Leonard D., Washington, D. C., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,387,935; Oct. 30.

Myers, Oscar: *See*—
McKim, B., and Myers.

Myers, Robert J., Rydal, and D. S. Herr, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Removal of fluorine from water. 2,373,632; Apr. 10.

Myers, Robert P.: *See*—
Whitaker, R., Myers, and Homberger.

Myers, Shierfield G., deceased, by J. B. Myers, Freeport, executrix, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Converting device. 2,377,898; June 12.

Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Sealed submersible structure. 2,379,648; July 3.

Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Submersible structure. 2,381,615; Aug. 7

Myles, James R., D. Whittaker, Northwich, and F. J. Siddle, Manchester, England, assignors to Imperial Chemical Industries Limited. Fabric. 2,374,121; Apr. 17.

Myron, John P., deceased, Pittsburgh, Pa.; R. A. Myron, executrix, assignor to F. B. Leopold Company, Inc. Filter bottom. 2,378,239; June 12.

Myron, Rose A., executrix: *See*—
Myron, John P.

Nabstedt, Arthur T., Hamden, assignor to The Snow-Nabstedt Gear Corporation, New Haven, Conn. Transmission mechanism. 2,370,484; Feb. 27.

Nachel, Edward R., Chicago, Ill. Squaring scale. 2,388,174; Oct. 30.

Nachemov, Leonard, assignor to A. J., T. T., and N. Sossner, a copartnership doing business as Sossner Steel Stamps, New York, N. Y. Precision grinding wheel dressing device for pantograph machines. 2,388,216; Oct. 30.

Nachod, Frederick: *See*—
Riley, R., and Nachod.

Nachod, Frederick C., Mount Holly, N. J., assignor to The Permutit Company, New York, N. Y. Recovering precious metal. 2,371,119; Mar. 6.

Nachtman, John S., Youngstown, Ohio. Brightening electroplated coatings. 2,369,748: Feb. 20.

Nachtman, John S., Pittsburgh, Pa. Electroplating baths. 2,370,986; Mar. 6.

Nachtman, John S., Pittsburgh, Pa. Electrolytic cleaning and pickling of metal surfaces. 2,372,599; Mar. 27.

Nadeau, Gale F.: *See*—
Capstaff, J. G., Nadeau, and Starck.

Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for making film. 2,369,484; Feb. 13.

Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Antihalation film. 2,376,175; May 15.

Nadeau, Gale F., E. H. Hilborn, and C. S. Hunter, assignors to Eastman Kodak Company, Rochester, N. Y. Drawing surface. 2,386,626; Oct. 9.

Nadeau, Gale F., and C. S. Hunter, assignors to Eastman Kodak Company, Rochester, N. Y. Antistatic film. 2,386,627; Oct. 9.

Nadel, Louis D.: *See*—
Gorey, A. H., Nadel, and Nitsch.
Gorey, A. H., Nadel, Nitsch, and Steiner.

Nador, Emory: *See*—
Sheldrick, L. S., Farkas, and Nador.

Naegele, William P.: *See*—
Steenbock, F. W., and Naegele.

Nærbö, Daniel, Stavanger, Norway; vested in the Alien Property Custodian. Fluid operated switch. 2,371,909; Mar. 20.

Naftali, Henry: *See*—
Naftali, Rudolf, V., and H.

Naftali, Rudolf and V., Pelham Manor, and H., Bronx, N. Y., assignors to American Machine and Foundry Company. Sewing machine. 2,372,105; Mar. 20.

Naftali, Rudolf and V., Mount Vernon, and H. Naftali, New York, N. Y., assignors to American Machine and Foundry Company. Sewing apparatus. 2,383,613; Aug. 28.

Naftali, Valentine: *See*—
Naftali, Rudolf, V., and H.

Nagamatsu, Henry T., Cheektowaga, N. Y., assignor to Curtiss-Wright Corporation. Airplane. 2,387,526; Oct. 23.

Nagamatsu, Henry T., Cheektowaga, N. Y., assignor to Curtiss-Wright Corporation. Cargo airplane. 2,387,527; Oct. 23.

Nagel, George W., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit control system. 2,372,106; Mar. 20.

Nagel, Henryk, Bronx, assignor to Practo Photo Accessories Corp., Brooklyn, N. Y. Coupling device for camera attachments. 2,372,223; Mar. 27.

Nagel, Nathan, et al.: *See*—
Young, Edgar C., assignor.

Nagel, Theodore, Brooklyn, N. Y. Steam generator. 2,374,882; May 1.

Nagel, Theodore, Brooklyn, N. Y. Oil burning system. 2,390,806; Dec. 11.

Nagelvoort, Adriaan, Salt Lake City, Utah. Recovering resins from coal. 2,378,152; June 12.

Nagin, Harry S., Pittsburgh, Pa., assignor to Reliance Steel Products Company. Treatment of grating structures. 2,382,898; Aug. 14.

Nagle, Paul R., Oklahoma City, Okla. Derrick structure. 2,386,494; Oct. 9.
Nagley, David: *See*—
Thurston, P. L., and Nagley.
Nagy, Paul, Richmond, and M. J. Goddard, Newbury, England. Production of electric potential variations of triangular form. 2,369,749; Feb. 20.
Nagy, Paul, Richmond, and M. J. Goddard, Newbury, England. Electronic valve device. 2,369,750; Feb. 20
Nagy, Paul, Richmond, and M. J. Goddard, Newbury, England. Electron beam valve device. 2,370,255; Feb. 27.
Nahigyan, Kevork K., Hampton, Va. Fuel vaporizer for jet propulsion units. 2,385,833; Oct. 2.
Naidech, Louis, Brooklyn, assignor to Irresistible, Inc., New York, N. Y. Cosmetic container. 2,375,027; May 1.
Nailor, Albert R., Mentor, Ohio. Parachute. 2,384,127; Sept. 4.
Nairn, George P., Salem, N. J., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Weight and capacity testing device. 2,383,269; Aug. 21.
Nalbach, John R., Oak Park, assignor to Middleby-Marshall Oven Company, Chicago, Ill. Bake oven conveyer. 2,390,455; Dec. 4.
Nalbach, John R., Oak Park, and A. Haupt, assignors to Middleby-Marshall Oven Co., Chicago, Ill. Bake oven conveyer. 2,369,840; Feb. 20.
Nalbach, John R., Oak Park, and W. F. Gresham, Chicago, assignors to C. D. Mastrud, Oak Park, Ill. Power-operating means for tooth brushes. 2,372,731; Apr. 3.
Nalbach, John R., Oak Park, and A. Haupt, assignors to Middleby-Marshall Oven Co., Chicago, Ill. Bake oven. 2,384,390; Sept. 4.
Nalle, Charles R., Philadelphia, Pa. Adjustable caster socket. 2,385,154; Sept. 18.
Nalle, George S., Jr., Austin, Tex. Strain gauge fabricating machine. 2,377,361; June 5.
Nallinger, Fritz, Stuttgart, and A. Berger, Stuttgart-Oberturkheim, Germany; vested in the Alien Property Custodian. Liquid clutch transmission. 2,385,834; Oct. 2.
Nance, Willard L., Peoria, Ill. Truck brake. 2,389,320; Nov. 20.
Nansen, Alexander: *See*—
Boeckeler, B. C., Lummus, and Nansen.
Naón, Ernesto A. F. M., Buenos Aires, Argentina. Folding stool. 2,385,458; Sept. 25.
Napier, D., & Son Limited: *See*—
Churchill, John A., assignor.
Halford, F. B., and Wallace, assignors.
Naranick, Nicholas T., U. S. Army, Casper, Wyo. Self-heating container. 2,374,696; May 1.
Naratil, John S., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Preparing pellets for sintering. 2,391,588; Dec. 25.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel feed pump for internal-combustion engines. 2,368,562; Jan. 30.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,374,829; May 1.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Motive system. 2,375,029; May 1.
Nardone, Romeo M., Westwood, assignor to Bendix Aviation Corporation, Bendix, N. J. Brush operating mechanism. 2,377,260; May 29.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,377,362; June 5.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft control. 2,381,362; Aug. 7.
Nardone, Romeo M., Westwood, assignor to Bendix Aviation Corporation, Bendix, N. J. Brush assembly. 2,381,982; Aug. 14.
Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,386,812; Oct. 16.
Nardone, Romeo M., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft control. 2,375,028; May 1.
Nardone, Romeo M., Teaneck, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,380,064; July 10.
Nardone, Romeo M., Teaneck, assignor to Bendix Aviation Corporation, Teterboro, N. J. Actuating unit for retractable landing gear. 2,391,333; Dec. 18.
Narracott, Eric S.: *See*—
Fawcett, E. W. M., and Narracott.
Narvarte, Peter E., assignor to O. S. Petty, San Antonio, Tex. Blasting cap. 2,377,804; June 5.
Nash, Alfred G., Richmond Hill, N. Y., assignor to Fairchild Camera and Instrument Corporation. Camera shutter operating mechanism. 2,372,974; Apr. 3.
Nash, James, assignor to W. H. Murphy, executor of H. De Lisle, deceased, doing business as Engineering Sales Company, Sheboygan, Wis. Supporting means. 2,368,155; Jan. 30.
Nash, James E.: *See*—
Adorjan, P., Nash, and Rogers.
Nash-Kelvinator Corporation: See—
Armstrong, George M., assignor.
Berry, W. S., Phelps, and Ulrich, assignors.
Cossin, Hursle E., assignor.
Doeg, Ralph W., assignor.
Drake, Earl D., assignor.
Goulooze, Martin J., assignor.
Giffard, Whitney, assignor.
Kishline, Floyd F., assignor.
Phelps, Ross H., assignor.
Philipp, Lawrence A., assignor.
Scullen, H. J., assignor.
Ulrich, Theodore, assignor.
Nash, Leonard W., Salem, and C. W. Williams, Shaker Heights, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Rolling mill construction. 2,369,684; Feb. 20.
Nashua Gummed and Coated Paper Company: *See*—
Gautier, T. R., and Hoitt, assignors.
Nashua Manufacturing Company: *See*—
Radford, George S., assignor.
Russell, Joseph W., assignor.
Nasmith, John I., Chislehurst, and W. Kirby, assignors to Vickers-Armstrongs Limited, London, England. Wire stitching machine. 2,374,373; Apr. 24.
Nasmith, John I., Chislehurst, and W. Kirby, assignors to Vickers-Armstrongs Limited, London, England. Wire-stitching machine. 2,374,770; May 1.
Nassau Smelting & Refining Company: *See*—
Deitz, Louis S., Jr., assignor.
Nassau Smelting & Refining Company, Incorporated: *See*—
Deitz, Louis S., Jr., assignor.
Deitz, L. S., Jr., and Jacobson, assignors.
Nasset, Olaf N., Toledo, Ohio. Boom angle and radius indicator. 2,374,298; Apr. 24.
Nassour, Edward, Los Angeles, Calif. Apparatus for modeling figures for animated photography. 2,372,843; Apr. 3.
Natanson, Michael, Dorchester, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Prewelt lasting machine. 2,378,153; June 12.
Nathan Manufacturing Company: *See*—
Folke, Bengt E., assignor.
Folke, B. E., and Winther, assignors.
Nathan, Simon J., Washington, D. C. Therapeutic compound. 2,371,254; Mar. 13.
Nathansohn, John: *See*—
Fischler, P. E., and Nathansohn.
Natho, Ann H., Lockport, La. Handle for jars. 2,372,107; Mar. 20.
Nation, Charles S., Marion, Ill. Deep well pump. 2,370,413; Feb. 27.
Nation, Frank W., Fort Gibson, Okla. Pipe-cutting machine. 2,384,128; Sept. 4.
National Acme Company, The: *See*—
Drissner, A. E., and Hogg, assignors.
Hogg, William J., assignor.
Powell, D. R., and Moore, assignors.
National Agrol Company, Inc.: *See*—
Hale, W. J., and Underkofler, assignors.
Miller, Harry, assignor.
National Aluminate Corporation: *See*—
Sherwood, Frederick E., assignor.
National Argol Company, Inc.: *See*—
Miller, Harry, assignor.
National Automatic Tool Company, The: *See*—
Rodal, Ralph, assignor.
Schafer, R. A., and Rodal, assignors.
National Automotive Fibres, Inc.: *See*—
Davies, Clarence J., assignor.
Detrick, Edward R., assignor.
Faris, H. P., and White, assignors.
Lind, Alvin C., assignor.
Lind, A. C., and Carlin, assignors.
Millar, John R., assignor.
National Bank of Bloomington, The, et al., executors: *See*—
Cornish, Irving R., assignor.
National Battery Company: *See*—
Rupp, John L., assignor.
National Biscuit Company: *See*—
Davidson, Bruce J., assignor.
Lang, Rudolph C., assignor.
Moore, George A., assignor.
Tascher, Eugene S., assignor.
National Blank Book Company: *See*—
Schade, Frank S., assignor.
Schade, John, assignor.
National Brass Company: *See*—
Quigley, Herbert, assignor.
Quigley, H., and Ter Meer, assignors.
National Broach & Machine Company: *See*—
Ashton, Harold, assignor.
Connell, John L., assignor.
Mentley, Max B., assignor.
Praeg, Walter S., assignor.
National Bundle Tyer Company: *See*—
Saxton, Albert H., assignor.
National By-Products, Incorporated: *See*—
Joyce, F. E., and Lindhardt, assignors.
National Carbon Company, Inc.: *See*—
Janes, Milton, assignor.
Schumacher, E. A., and Heise, assignors.

National Cash Register Company, The: *See*—
Barnum, L. N., Donnelly, and Maple, assignors.
Colley, Arthur R., assignor.
Deutsch, Jakob, assignor.
Edmonson, Roger W., assignor.
Green, Barrett K., assignor.
Homan, W., and Hull, assignors.
Kibler, Alfred G., assignor.
Klosterman, Joseph J., assignor.
Kreider, Walter J., assignor.
Robertson, W. H., and Eickman, assignors.
Spurlino, P., and Rauch, assignors.
Spurlino, P., Colley, Lehman, and Gantner, assignors.
Spurlino, P., Carroll, Colley, and Kibler, assignors.
Spurlino, P., Placke, Eickman, and Kramer, assignors.
Whitmore, Robert M., assignor.
Widmont, Joseph C., assignor.

National Casket Company, Incorporated: *See*—
Hayes, Floyd W., assignor.
MacDonald, M. J., and Schwendler, C. S. and F. C., assignors.

National City Bank of Evansville, Ind., administrator: *See*—
Thomas, Albert R.

National Company, Inc.: *See*—
Ferrill, Thomas M., Jr., assignor.
Smith, Graydon, assignor.

National Cotton Council of America: *See*—
Nickerson, Ralph F., assignor

National Cylinder Gas Company: *See*—
Bottoms, R. R., and Bowden, assignors.
Pelland, Raymond L., Jr., assignor.

National Dairy Products Corporation: *See*—
Atwood, Francis C., assignor.

National Electric Coil Company: *See*—
Greene, N. J., and Liwschitz-Garik, assignors.

National Electric Products Corporation: *See*—
Fullman, James M. G., assignor.

National Foam System, Inc.: *See*—
Hogenmiller, Francis J., assignor.
Wendell, Evert J., assignor.

National Folding Box Company: *See*—
Carruth, H. A., and Williamson, assignors.
Ringler, William A., assignor.
Williamson, Marshall I., assignor.
Williamson, M. I., and Carruth, assignors.
Williamson, M. I., and Fink, assignors.
Williamson, M. I., and Pantalone, assignors.

National Lead Company: *See*—
Agnew, W. Y., and Cole, assignors.
Beard, George F., assignor.
Dahlstrom, Roy, assignor.
Dustan, Frank, assignor.
Kebrich, Leonard M., assignor.
Kingsbury, F. L., Cole, and Anderson, assignors.
(Orsino, J. A., assignor), and Harmon.
Robertson, Durant W., assignor.
Robertson, D. W., and Breckley, assignors.
Stewart, A., and Pitrot, assignors.
Williams, Francis J., assignor.
Williams, F. J., and Kaplan.
Williams, F. J., and Orsino, assignors.

National Live Stock and Meat Board: *See*—
Gulbransen, Capron R., assignor.

National Lock Co.: *See*—
North, E. W., and Burke, assignors.

National Lock Washer Company, The: *See*—
Kuehlman, Norman V., assignor.
North, Edwin W., assignor.
Ostrom, Martin, assignor.
Stone, Roy A., assignor.

National Machinery Company, The: *See*—
Friedman, John H., assignor.
Frost, Earl R., assignor.

National Malleable and Steel Castings Company: *See*—
Kloss, Elmer C., assignor.
Shafer, James A., assignor.

National Marking Machine Company, The: *See*—
Keuper, William J., assignor.
Miglarese, John, assignor.

National Metal Edge Box Company: *See*—
Junkin, Malcolm P., assignor.

National Milker Company: *See*—
Lowry, Jesse R., assignor.

National Oil Products Company: *See*—
Arnold, A., and Schreffler, assignors.
Buxton, Loran O., assignor.
Buxton, L. O., and Briod, assignors.
Colman, Howard B., assignor.
Davis, G. D., and Barth, assignors.
Davis, G. P., Price, and Milligan, assignors.
Dombrow, Bernard A., assignor.
Fritz, James H., assignor.
Kelley, M. J., and Abramowitz, assignors.
Price, D., and Bond, assignors.
Price, D., and Griffith, assignors.
Price, D., and May, assignors.
Segessemann, Ernest, assignor.
Segessemann, E., and Abramowitz, assignors.
Sherman, L. R., and Bartels, assignors.
Woolley, Dilworth W., assignor.

National Plastics Corporation: *See*—
Rubin, Noah, assignor.

National Pneumatic Company: *See*—
Newkirk, John R., assignor.
Weigele, Albert E., assignor.

National Pressure Cooker Company: *See*—
Wittenberg, Edward H., assignor.

National Research Corporation: *See*—
Downing, J. R. O., and Humes, assignors.

National Rubber Machinery Company, The: *See*—
Iverson, Cato, assignor.

National-Simplex-Bludworth, Inc.: *See*—
Bludworth, Timothy F., assignor.

National Slug Rejectors, Inc.: *See*—
Fry, Benjamin W., assignor.

National-Standard Company: *See*—
Shook, Florain J., assignor.

National Steel Corporation: *See*—
Bayer, C. E., and Carr, assignors.
Cover, Martin L., assignor.
Dishauzi, Steve J., assignor.
Halicki, W. A., and Gordon, assignors.
Klein, Clarence J., assignor.
Pieri, E. D., and Bowen, assignors.
Rauschenberger, George W., assignor.
Selmi, L. G., and Altenburger, assignors.
Strassburger, Julius H., assignor.

National Supply Company, The: *See*—
Bishop, J. O., and Babcock, assignors.
Shoup, Stanley S., assignor.
Timbs, Edward, assignor.

National Technical Laboratories: *See*—
Cary, H. H., and Baxter, assignors.

National Tube Company: *See*—
Bannister, Bryant, assignor.
Buchanan, Edward D., assignor.
Edwards, William E., assignor.
Graham, James B., assignor.
Gruber, I. B., and Zemberry, assignors.
Kirchner, George J., assignor.
Kritscher, Andrew F., assignor.
Miller, John A., assignor.
Murray, Malcolm G., assignor.
Nesbitt, A. B., and Webb, assignors.
Rowe, Andrew R., assignor.

National Union Radio Corporation: *See*—
Belden, Perry, assignor.

National Urn Bag Company: *See*—
Irmscher, Hans O., assignor.

National Urn Bag Company, Inc.: *See*—
Barnett, Louis, assignor.

Natta, Giulio, Milano, Italy; vested in the Alien Property Custodian. Manufacture of keta-alcohols. 2,378,573; June 19.

Nattenheimer, Martin L., Chicago, Ill. Hat retainer. 2,377,711; June 5.

Naud, George G., Seattle, Wash., assignor to Webster-Brinkley Co. Electromagnetic actuator. 2,379,029; June 26.

Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,367,886; Jan. 23.

Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerating apparatus. 2,380,256; July 10.

Naugle, John J., New York, N. Y. Filtering means. 2,381,462; Aug. 7.

Naugler, Walter E.: *See*—
Brostrom, C. G., and Naugler.

Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Motor controller. 2,371,772; Mar. 20.

Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Variable reactance controller. 2,374,883; May 1.

Naumann, Leonard G., Maplewood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid motor for dual brakes. 2,367,734; Jan. 23.

Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Mold and fabrication method. 2,383,812; Aug. 28.

Navikas, Victor A., assignor to Armstrong Cork Company, Lancaster, Pa. Zein molding compositins and molding. 2,385,721; Sept. 25.

Navikas, Victor A., assignor to Armstrong Cork Company, Lancaster, Pa. Forming molded articles. 2,385,722; Sept. 25.

Navy, United States of America, as represented by the Secretary of: *See*—
Bundy, Francis P., assignor.
Coombs, Robert E., assignor.
Seifried, Eugen, assignor.

Nawiasky, Paul, Summit, N. J., and R. J. Speer, Lufkin, Tex., assignors to General Aniline & Film Corporation, New York, N. Y. Producing cyanine dyes. 2,378,783; June 19.

Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Ceiling. 2,376,715; May 22.

Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Fluorescent lighting fixture. 2,390,807; Dec. 11.

Nazar, Nicholas: *See*—
Sperry, A. B., Nazar, and Erwin

Nazzewski, Mathew, Adams, assignor to Sprague Electric Company, North Adams, Mass. Glass-to-metal seal. 2,386,628; Oct. 9.

Neal, Arthur M., and J. R. Vincent, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving rubber. 2,370,987; Mar. 6.
Neal, Arthur M., and J. R. Vincent, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving rubber. 2,388,562; Nov. 6.
Neal, Ernest C., assignor of one-half to E. Brandell, Chicago, Ill. Lever construction. 2,385,835; Oct. 2.
Neal, Frank, Little Valley, N. Y. Trailer. 2,370,988; Mar. 6.
Neale, Albert E. T.: *See*—
Blanco, J. R., Neale, and Twiss.
Neale, Frank T., Warren, assignor to Republic Steel Corporation, Cleveland, Ohio. Shear. 2,389,531; Nov. 20.
Neatform Co. Inc., The: *See*—
Goodman, M., and Lance, assignors.
Nebel, Max, Chemnitz, Germany; vested in the Alien Property Custodian. Knit fabric and making the same. 2,379,649; July 3.
Nebel, Max, Chemnitz, Germany; vested in the Alien Property Custodian. Production of loop-plush fabric. 2,379,852; July 3.
Nebel, Walter, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ketone-urea-formaldehyde condensation products. 2,389,682; Nov. 27.
Nebesar, Robert J., assignor to Universal Moulded Products Corporation, Bristol, Va. Molding, shaping, and uniting apparatus. 2,370,322; Feb. 27.
Nebolsine, Ross, Seacliff, N. Y. Apparatus for underground water storage. 2,375,865; May 15.
Nebolsine, Ross, Seacliff, N. Y. Method of and apparatus for installing lateral wells in fluid-saturable earth. 2,383,496; Aug. 28.
Nedzvedsky, Vladimir A.: *See*—
Taylor, H. F., and Nedzvedsky.
Needham, Edward F., Alhambra, Calif. Swivelly mounted ladder stabilizer. 2,371,460; Mar. 13.
Needham, Howard H., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Compressed gas cylinder. 2,374,771; May 1.
Neef, Frederick E., Jr., Detroit, Mich. Removing dye and tetraethyl lead from gasoline. 2,368,261; Jan. 30.
Neely, Benjamin, College Park, Ga. Window sash structure. 2,369,402; Feb. 13.
Neely, Charles A., assignor of forty per cent to H. J. Sweeney, Seattle, Wash.; S. L. Langley, administratrix of said C. A. Neely, deceased. Liquid lift. 2,390,265; Dec. 4.
Neely, George L., and F. W. Kavanagh, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,367,470; Jan. 16.
Neely, Raymond J.: *See*—
Dalzell, C. B., and Neely.
Neely, William H., assignor, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Tubular frame construction. 2,371,407; Mar. 13.
Neely, William H., Cleveland, and S. G. Blumensaadt, East Cleveland, assignors, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Wire spring structure for seat and back constructions. 2,373,775; Apr. 17.
Neely, William H., assignor, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Spring and spring constructions for cushioned seats 2,384,191; Sept. 4.
Neer, Harry L., Beech Grove, C. H. Wasson, Indianapolis, Ind., and R. L. Neer, Jacksonville, Fla., assignors to Nik-O-Lok Company, Indianapolis, Ind. Coin-controlled mechanism. 2,370,370; Feb. 27.
Neer Harry L., Beech Grove, and C. H. Wasson, Indianapolis, Ind., and R. L. Neer, Jacksonville, Fla., assignors to Nik-O-Lok Company, Indianapolis, Ind. Latch-controlling mechanism. 2,372,844; Apr. 3.
Neer, Harry L., Beech Grove, C. H. Wasson, Indianapolis, Ind., and R. L. Neer, Jacksonville, Fla., assignors to Nik-O-Lok Company, Indianapolis, Ind. Coin controlled mechanism. 2,386,974; Oct. 16.
Neer, Raymond L.: *See*—
Neer, H. L., Wasson, and Neer.
Nees, Alpheus R., and A. N. Bennett, assignors to The Great Western Sugar Company, Denver, Colo. Recovery of nitrogenous products from organic wastes. 2,375,165; May 1.
Nees, Gordon S., Fort Worth, and R. B. Perkins, Jr., Houston, Tex., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Desalting mineral oil. 2,380,458; July 31.
Nees, Hugo, Frankfort-on-Main, Germany; vested in the Alien Property Custodian. Preparing sodium perborate of low bulk density. 2,380,779; July 31.
Neeson, Charles R., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Variable capacity compressor. 2,369,841; Feb. 20.
Neff, Wallace, Los Angeles, Calif. Method and apparatus for constructing shell-form structures. 2,388,701; Nov. 13.
Negbaur, Harry, New York, N. Y. Cigarette lighter. Re. 22,679; Oct. 9.
Negbaur, Harry, New York, and J. G. Lippincott, Scarsdale, assignors of one-half to said H. Negbaur and one-half to L. Stern, New York, N. Y. Dispenser for cigarettes and the like. 2,370,747; Mar. 6.
Negretti, Henry N., et al.: *See*—
Ibbott, Harold W., assignor.
Negretti, Paul E., et al.: *See*—
Ibbot, Harold W., assignor.
Negretti & Zambra: *See*—
Ibbott, Harold W., assignor.
Neher, Harry T., Bristol, and W. R. Conn, Melrose Park, assignors to Röhm & Haas Company, Philadelphia, Pa. Thixotropic acrylate emulsions. 2,372,108; Mar. 20.
Neher, Harry T., and S. C. Kelton, Jr., Bristol, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of acrylic esters. 2,390,028; Nov. 27.
Nehf, Sol, Chicago, Ill. Garment construction. 2,390,456; Dec. 4.
Neidich, Samuel A., Ventnor City, N. J., assignor to Underwood Corporation. Multiplying machine. 2,374,374; Apr. 24.
Neidig, William J., Napoleon, Ohio. Shaving mechanism. 2,367,686; Jan. 23.
Neil, Jean R.: *See*—
Conner, S. W., Neil, and Nemoede.
Neilson, Albert H., Tulsa, Okla. Insert for sucker rod elevators. 2,384,331; Sept. 4.
Neilson, Clarence A.: *See*—
Lincoln, B. H., and Neilson.
Neilson, Mary D., Minneapolis, Minn. Garment of the slacks type. 2,387,405; Oct. 23.
Neilson, William E., Jr., and C. C. Tinkey, Yosemite National Park, Calif. Box opener and dispenser. 2,386,877; Oct. 16.
Neiman, Harry, Chicago, Ill. Picture mount. 2,388,431; Nov. 6.
Neisingh, Walter J., Hanford, Calif. Filter. 2,383,672; Aug. 28.
Neiswinter, James T., South Orange, N. J., assignor to American Telephone and Telegraph Company. Signaling apparatus. 2,367,042; Jan. 9.
Neitzel, Charles J., assignor of one-third to J. J. Bhend, Watertown, Wis. Bingo counter selector and exhibiting machine. 2,379,030; June 26.
Neja, Ambrose, Anaheim, Calif. Box stacker. 2,376,176; May 15.
Nelio Resin Processing Corporation: *See*—
Bain, Joseph P., assignor.
Nelio Resin Processing Corporation et al.: *See*—
Gillican, Charles C., assignor.
Nelles, Russell E., Millburn, N. J., assignor to The Union Manufacturing Company, New Britain, Conn. Chain hoist. 2,374,450; Apr. 24.
Nelly, Henry M., Jr.: *See*—
Belchetz, A., and Nelly.
Degnen, W. J., Nelly, and Keith.
Nelms, George C., Pittsburgh, E. J. Coggeshall, Turtle Creek, E. A. Berry, McDonald, Pa., and W. K. Wilbur, Bluefield, W. Va., assignors to Portable Products Corporation. Battery charging rack. 2,375,866; May 15.
Nelsen, George M., Seattle, Wash. Ophthalmic device. 2,388,493; Nov. 6.
Nelsen, Marvin G.: *See*—
Jensen, H. G., and Nelsen.
Nelsen, Marvin G., Skokie, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Solenoid contactor. 2,381,075; Aug. 7.
Nelson, Arvid M.: *See*—
Williams, H. W., Mount, and Nelson.
Nelson, A. P.: *See*—
Prince, John, assignor.
Nelson, Arthur J., San Francisco, Calif. Double case pump. 2,374,122; Apr. 17.
Nelson, Arthur L., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Modulating system for frequency multipliers. 2,380,366; July 10.
Nelson, Arthur R., Bay City, Mich. Coupling trailers and bogies to prime movers. 2,385,099; Sept. 18.
Nelson, Averd, and H. H. Niemann, assignors to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Stove construction. 2,373,492; Apr. 10.
Nelson, Bernard C., Needham, Mass. Machine for treating skins and the like. 2,376,500; May 22.
Nelson, Charles E.: *See*—
Kirk, R. C., Nelson, and McConica.
Nelson, Charles E., and G. E. Holdeman, assignors to The Dow Chemical Company, Midland, Mich. Improving magnesium-base alloys. 2,380,863; July 31.
Nelson, Christian A., Bellevue, Wash. Cutoff valve. 2,375,810; May 15.
Nelson, Clarence D., Mullan, assignor of one-half to E. Hanson, Wallace, Idaho. Drill aligning adapter attachment for liners and other rock drills. 2,389,532; Nov. 20.
Nelson, Clarence E., Houston, Tex., assignor of one-third to E. W. Pearce and one-third to P. Clark, Harris County, Tex. Valve. 2,372,629; Mar. 27.
Nelson, Clarence N.: *See*—
Jones, L. A., Nelson, and Clark.
Nelson, Dale H., Water Mill, and W. D. Buckingham, Southampton, assignors to The Western Union Telegraph Company, New York, N. Y. Signal interrupter. 2,375,811; May 15.
Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Fractionation. 2,388,931; Nov. 13.
Nelson, Edwin M., Hayward, Wis. Flexible wheel. 2,378,154; June 12.

Nelson, Eric H., Forest Hills, N. Y., and C. Stansbury, Chevy Chase, Md., assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Machine tool controller. 2,376,552; May 22.

Nelson, Eugene R.: *See*—
Simpkins, Isaac W.

Nelson, Fred, Lynwood, Calif. System for plugging pipe leaks. 2,377,643; June 5.

Nelson, George N., Martinez, Calif. Soap dish. 2,366,421; Jan. 2.

Nelson, George W., Pietermaritzburg, Natal, Union of South Africa. Vessel for providing shower baths. 2,367,599; Jan. 16.

Nelson, Harry B., assignor to Prime Mfg. Co., Milwaukee, Wis. Connnecting companion pieces of luggage. 2,372,845; Apr. 3.

Nelson, James H.: *See*—
Bluemink, G. G., and Nelson.

Nelson, James H., and H. Servis, assignors to The Dumore Company, Racine, Wis. Electric brake mechanism. 2,385,459; Sept. 25.

Nelson, John N.: *See*—
Olsen, B. A., Combs, and Nelson.

Nelson, Joseph F.: *See*—
Thomas, R. M., and Nelson.

Nelson, Joseph F., Elizabeth, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Compounded hydrocarbon oil. 2,391,184; Dec. 18.

Nelson, Lee, Texas City, Tex. Plate tong. 2,384,636; Sept. 11.

Nelson, Martin L., Park Ridge, assignor to Production Instrument Company, Chicago, Ill. Counting device. 2,366,422; Jan. 2.

Nelson, Mildred P., et al.: *See*—
Polsen, S. D., and Nelson, assignors.

Nelson, Millard A.: *See*—
Rathbun, J. P., and Nelson.

Nelson, Nels H., Minneapolis, Minn. Traction wheel. 2,382,090; Aug. 14.

Nelson, Nels O., Sacramento, Calif. Hospital bed. 2,373,590; Apr. 10.

Nelson, Noble A., Chicago, Ill., assignor of one-fifth to H. Freevol, one-fifth to S. Smedberg, one-fifth to H. Brandon, and one-fifth to C. E. Anderson. Fishing reel. 2,380,670; July 31.

Nelson, Noble A., Chicago, Ill., assignor of one-fifth to H. Freevol, one-fifth to S. Smedberg, one-fifth to H. Brandon, and one-fifth to C. E. Anderson. Fishing reel. 2,380,671; July 31.

Nelson, Oscar G.: *See*—
Martin, S. M., and Nelson.

Nelson, Ralph M., River Forest, assignor to Sloan Valve Company, Chicago, Ill. Vacuum breaker. 2,388,432; Nov. 6.

Nelson, Ralph M., River Forest, and J. I. Bellamy, Brookfield, assignors to Sloan Valve Company, Chicago, Ill. Electrically operated flush valve. 2,388,990; Nov. 13.

Nelson, Richard N., Black River Falls, Wis. Cartridge power feed mechanism. 2,379,451; July 3.

Nelson, Richard N., Black River Falls, Wis. Explosive bullet. 2,390,552; Dec. 11.

Nelson, Rolland D., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Circuit protective device. 2,374,560; Apr. 24.

Nelson, Rolland D., assignor to Line Material Company, South Milwaukee, Wis. Electromagnetic device. 2,376,613: May 22.

Nelson, Roy: *See*—
Harker, G. A., Gustafsson, Allen, and Nelson.

Nelson, Rudolph S., Larchmont, N. Y., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,368,374; Jan. 30.

Nelson, Seddon C., Front Royal, Va., assignor to American Viscose Corporation, Wilmington, Del. Tow guide. 2,377,173; May 29.

Nelson, Sven H.: *See*—
Polsen, S. D., and Nelson.

Nelson, Ted, San Leandro, Calif. Chuck. 2,378,720; June 19.

Nelson, Theodore W., Woodbury, H. D. Noll, Wenonah, and T. P. Simpson, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Solvent naphtha preparation. 2,376,501; May 22.

Nelson, Verner A., Minneapolis, Minn. Seal for bags. 2,385,023; Sept. 18.

Nelson, Victor B., Rockford, Ill. Safety razor. 2,369,685; Feb. 20.

Nelson, Virginia P., New York, N. Y. Canopy support. 2,367,043; Jan. 9.

Nelson, Walter F.: *See*—
Kramer, C. F., and Nelson.

Nelson, Walter H., Cadillac, Mich., assignor to Farnsworth Television and Radio Corporation. Amplifier system. 2,367,600; Jan. 16.

Nelson, Walter O., Oslo, Minn., assignor of one-half to H. E. Baker, Chicago, Ill. Hoist. 2,387,087; Oct. 16.

Nelsson, Nels: *See*—
Baker, G. W., and Nelsson.

Nemec, Victor L., Lewistown, Mont. Trap. 2,391,640; Dec. 25.

Nemitz, Fred H.: *See*—
Lindgren, H. W., and Nemitz.

Nemoede, Paul A.: *See*—
Conner, S. W., Neil, and Nemoede.

Nepera Chemical Co., Inc.: *See*—
Tisza, E. T., Duesel, and Oroshnik, assignors.

Neptune Meter Company: *See*—
Hazard, C. S., and Soper, assignors.

Neptune Meters Limited: *See*—
Stroud, William F., assignor.

Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,369,842; Feb. 20.

Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,369,843; Feb. 20.

Neracher, Carl A., W. T. Dunn, T. Iavelli, and A. J. Syrovy, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,383,149; Aug. 21.

Neracher, Otto: *See*—
Martin, H., Hirt and Neracher.

Nereaux, Joseph R., Cincinnati, Ohio, assignor to Wright Aeronautical Corporation. Simplified drive for cutting tools. 2,379,984; July 10.

Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,371,910; Mar. 20.

Nesbitt, Andrew B., and S. Webb, Pittsburgh, Pa., assignors to National Tube Company. Cutting-off tool. 2,382,020; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,649; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,650; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,651; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,652; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,653; Aug. 14.

Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic materials. 2,382,654; Aug. 14.

Nesfield, Albert C., Ealing, London, England. Internal-combustion engine. 2,369,245; Feb. 13.

Nesset, Naurice M., assignor to Baxter Laboratories, Inc., Glenview, Ill. Treatment of blood. 2,390,727; Dec. 11.

Nestle's Milk Products, Inc.: *See*—
Griffin, Harry L., assignor.

Nettel, Frederick, Manhasset, and J. Kreitner, New York, N. Y. Water distillation. 2,372,846; Apr. 3.

Nettel, Frederick, Manhasset, and J. Kreitner, New York, N. Y. Elastic fluid power plant. 2,379,452; July 3.

Nettel, Frederick, Manhasset, and J. Kreitner, Brooklyn, N. Y.; said Kreitner assignor to said Nettel. Combustion turboengine drive. 2,380,989; Aug. 7.

Netzhammer, Harry F.: *See*—
Corbin, F. A., and Netzhammer.

Neubauer, Jacob, Manchester, Conn. Loom stop motion. 2,369,844; Feb. 20.

Neufeld, Jacob: *See*—
Scherbatskoy, S. A., Fearon, Neufeld, and Swift.

Neufeld, Jacob, Tulsa 5, Okla. Navigational method and apparatus. 2,390,383; Dec. 4.

Neugass, Edwin A., Port Chester, N. Y. Tweezer implement and the like. 2,376,448; May 22.

Neugebauer, Franz, Munich-Allach, and L. Wagenseil, Munich-Obermenzing, Germany; vested in the Alien Property Custodian. Free piston motor compressor. 2,387,603; Oct. 23.

Neugebauer, Gustav: *See*—
Schneider, W., Frohlich, and Neugebauer.

Neuhart, Andrew, West View, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,369,686; Feb. 20.

Neuhaus, Max: *See*—
Teichmann, C. F., Goldsby, Kessler, and Neuhaus.

Neuland, Alfons H., Irvington, N. J. Fluid engine. 2,371,974; Mar. 20.

Neumair, Joseph A.: *See*—
Johnson, C. W., and Neumair.

Neumair, Joseph A., Hollis, N. Y., assignor to American Machine & Foundry Company. Lining guide cam for necktie sewing machines. 2,372,224; Mar. 27.

Neumair, Joseph A., Hollis, and C. W. Johnson, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Tie sewing machine. 2,387,282; Oct. 23.

Neuman, Jacob, St. Louis, Mo. Buttonhole construction. 2,389,272; Nov. 20.

Neumann, Arthur E.: *See*—
Wilsey, I. H., and Neumann.

Neumann, Henry T., New York, N. Y. Making engraved plates. 2,371,773; Mar. 20.

Neureuther, George C.: *See*—
Rodgers, C. H., and Neureuther.

Neuschotz, Robert, Los Angeles, Calif. Remote cable control. 2,389,737; Nov. 27.

Nevada Engine Corporation: *See*—
Pudge, Frederick A., assignor.

Nevill, Gale E., San Antonio, Tex., assignor to J. V. Robinson, Montebello, Calif. Surveying wells. 2,369,403; Feb. 13.

Nevin, James G., Toronto, Ontario, Canada. Shoeshine fixture. 2,383,150; Aug. 21.
Nevitt, Fred M., Newton, Kans. Spring tensioned clamp for mail pouches. 2,368,941; Feb. 6.
New, Randal G. A.: *See*—
Burgoine, E., Collie, and New.
Newark Stove Company: *See*—
Bradbury, W. T., Chesser, and Lieber, assignors.
Walton, A. K., and Chesser, assignors.
Newbery, George, Hutton Mount, England, assignor, by mesne assignments, to Merck & Co. Inc., Rahway, N. J. Sulpha-thiazoles. 2,385,224; Sept. 18.
New Britain Machine Company, The: *See*—
Gocht, Rudolph C., assignor.
Montgomery, Donald H., assignor.
Montgomery, D. H., and Jobert, assignors.
Rockwell, Edward A., assignor.
New Britain Spring Company, The: *See*—
Dorau, Conrad O., assignor.
Newburger, Samuel: *See*—
Bowers, Oscar L., and Newburger.
Newby, Neal D.: *See*—
Murphy, O. J., and Newby.
Newby, Neal D., Leonia, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,518; Jan. 16.
Newby, Neal D., Leonia, and H. E. Vaughan, Valley Stream, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,374,884; May 1.
Newcomb, Avon L., Birmingham, assignor to Newcomb-Detroit Company, Detroit, Mich. Apparatus for washing air, gases, or vapors. 2,380,065; July 10.
Newcomb-Detroit Company: *See*—
Newcomb, Avon L., assignor.
Newcomb, William, Brooklyn, N. Y. Burner and support therefor. 2,382,900; Aug. 14.
Newcombe, Frank A.: *See*—
Whitmore, J. B., Makenny, and Newcombe.
Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, Long Island, N. Y. High-pressure valve. 2,371,585; Mar. 13.
Newell, Felix R., Detroit, Mich. Machinist's gauge and miter measuring device. 2,382,250; Aug. 14.
Newell, Foster S., Milwaukee, Wis. Marine carriage. 2,371,461; Mar. 13.
Newell, Frank M., Lowell, Mich. Latch. 2,368,487; Jan. 30.
Newell, Frederick T., Bradford, Pa., assignor to Dresser Industries, Inc. Hinged self-sealing coupling. 2,377,510; June 5.
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air compressor. 2,372,335; Mar. 27.
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Wheel-slip detecting device. 2,381,225; Aug. 7.
Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pipe coupling. 2,385,156; Sept. 18.
Newell, Heber L., Bridgeport, Conn., assignor to General Electric Company. Toaster. 2,367,044; Jan. 9.
Newell, Heber L., Bridgeport, Conn., assignor to General Electric Company. Electrical connection means. 2,386,056; Oct. 2.
Newell, Robert E., Irwin, Pa. Thermal element. 2,385,155; Sept. 18.
Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Controlling gyroscopes. 2,383,409; Aug. 21.
New England Box Company, The: *See*—
Tufts, Nathan, assignor.
New England Butt Company: *See*—
Sleicher, Charles A., assignor.
New England Carbide Tool Company: *See*—
Brown, Charles F., assignor.
New England Foundation Company, Inc.: *See*—
Titcomb, A. C., and Cronan, assignors.
New Era Manufacturing Company: *See*—
Paulsen, Christian, assignor.
Newey, Edward V., et al.: *See*—
Kenworthy, John M., assignor.
Newhall, Carl A., Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Thread waxing device. 2,379,985; July 10.
Newham, Leonard, Flushing, assignor of one-half to H. W. Roeloffzen, New York, N. Y. Construction of ships. 2,374,229; Apr. 24.
Newhardt, Joseph B., Berwyn, assignor of one-half to C. H. Angell, Danville, Ill. Buoyant article. 2,391,475; Dec. 25.
Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Clinker cooling. 2,375,487; May 8.
Newhouse, Walter F., Benton Harbor, Mich. Box construction. 2,391,032; Dec. 18.
New Jersey Machine Corporation: *See*—
Von Hofe, George W., assignor.
von Hofe, G. W., and Lakso, assignors.
New Jersey Optical Company: *See*—
Cook, Roland T., assignor.
New Jersey Shipbuilding Corporation: *See*—
Harris, Frederic R., assignor.
New Jersey Zinc Company, The: *See*—
Lentz, C. J., and Mahler, assignors.
Naratil, John S., assignor.
Patterson, Raymond L., assignor.
Truesdale, Edward C., assignor.
Wagner, I. D., Fetterolf, Waring, and Mahler, assignors.
Newkirk, Daniel L., Inkster, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Condensation device for retorts. 2,383,209; Aug. 21.
Newkirk, Daniel L., Inkster, and E. E. Ensign, Ypsilanti, assignors to Ford Motor Company, Dearborn, Mich. Retort construction. 2,391,439; Dec. 25.
Newkirk, John R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door operator. 2,368,722; Feb. 6.
Newman, Albert J.: *See*—
Woppman, J. G., Hummel, and Newman.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,390,808; Dec. 11.
Newman, I., & Sons, Inc.: *See*—
Stuart, Henry J., assignor.
Newman, John E., Cirencester, assignor of two-thirds to D. S. Kennedy, Andover, Hampshire, England. Grass drying apparatus. 2,381,076; Aug. 7.
Newman, John M.: *See*—
Harwood, P. B., and Newman.
Lassen, E. U., and Newman.
Newman, L. B.: *See*—
Morgan, Charles A., assignor.
Newman, Max M., Bronx, N. Y., assignor to American Machine & Foundry Company. Mechanism for making neckties. 2,374,033; Apr. 17.
Newman, Morris, assignor to Regents of the University of Minnesota, Minneapolis, Minn. Distribution system regulator. 2,372,600; Mar. 27.
Newman, Robert J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffins. 2,375,867; May 15.
Newman, Robert J., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of branched chain paraffin hydrocarbons. 2,382,899; Aug. 14.
Newman, Ruth R., et al.: *See*—
Hirshstein, Joseph, assignor.
Newman, William E., Moorestown, N. J., assignor to Radio Corporation of America. Remote control system for radio receivers. 2,383,338; Aug. 21.
Newmark, David, assignor of one-half to W. Kramer, New York, N. Y. Moulded balsa article. 2,381,134; Aug. 7.
Newmarket Manufacturing Company: *See*—
Gallant, Walter B., Jr., assignor.
Newport Industries, Inc.: *See*—
Bibb, Carlisle H., assignor.
Bibb, C. H., and Palmer, assignors.
Dempsey, James M., assignor.
Newport News Forms Co., Inc.: *See*—
Davis, Benjamin S., assignor.
New Process Screw Corporation: *See*—
De Vellier, William A., assignor.
New Products Corporation: *See*—
Banker, Oscar H., assignor.
Newsam, Harold, Sheffield, assignor to Metropolitan-Vickers Electrical Company Limited, London, W. C. 2., England. Power system including a rotary transformer. 2,372,511; Mar. 27.
Newsome, James W., Belleville, Ill., and R. B. Derr, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Treatment of adsorbent alumina. 2,378,155; June 12.
Newsome, John H., Rahway, and A. Davis, Union, N. J., assignors to Elastic Stop Nut Corporation. Apparatus for bending channels or the like. 2,382,901; Aug. 14.
Newstedt, Harry N., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,375,678; May 8.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,367,304; Jan. 16.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigerating system. 2,367,305; Jan. 16.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control for refrigerating apparatus. 2,367,306; Jan. 16.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic control system. 2,387,604; Oct. 23.
Newton, Alwin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Overload protection for refrigeration systems. 2,389,073; Nov. 13.
Newton Brothers (Derby) Limited: *See*—
Newton, Frederick, assignor.
Newton, Charles E., Marlboro, Mass., assignor to B. W. Freeman, Cincinnati, Ohio. Ornamenting machine. 2,390,728; Dec. 11.
Newton, Frederick, assignor to Newton Brothers (Derby) Limited, Derby, England. Electric regulator. 2,375,320; May 8.
Newton, John S., Drexel Hill, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Turbine apparatus. 2,389,074; Nov. 13.

Newton, John S., Drexel Hill, and E. E. Arnold, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gearing for turbine-driven locomotives. 2,371,255; Mar. 13.
Newton, Lowell R.: *See*—
Walter, C. T., and Newton.
Newton, Lowell R., assignor to Industrial Patents Corporation, Chicago, Ill. Machine for wrapping butter. 2,376,076; May 15.
Newton, Lowell R., assignor to Industrial Patents Corporation, Chicago, Ill. Shaking and conveying machine. 2,380,910; July 31.
Newton, Lowell R., H. E. Haase, and C. T. Walter, assignors to Industrial Patents Corporation, Chicago, Ill. Sewing machine. 2,389,112; Nov. 13.
Newton, Ray F.: *See*—
Curle, C. W. and T. C., and Newton.
Newton, Ray F.: *See*—
Curle, Charles W. and T. C., and Newton.
Newton, Roger H., Bowling Green, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalytic hydrocarbon conversion process. 2,371,181; Mar. 13.
New Wrinkle, Inc.: *See*—
Drummond, Folsom E., assignor.
Drummond, F. E., and Waldie, assignors.
Luaces, Enrique L., assignor.
Waldie, William A., assignor.
New York Air Brake Company, The: *See*—
Baldwin, Wayne A., assignor.
Huber, Matthew W., assignor.
Safford, Lewis A., assignor.
Vroman, Erwin C., assignor.
New York Engineering Company: *See*—
Lowy, Arthur, assignor.
New York Sugar Trade Laboratory, Inc., The: *See*—
Sattler, Louis, assignor.
Niagara Blower Company: *See*—
Gilliam, Oliver F., assignor.
Jones, Russell S., Jr., assignor.
Schoepflin, P. H., Deverall, and Stutz, assignors.
Williams, Allan E., assignor.
Nichol, Arthur V.: *See*—
Burton, E. O., and Nichol.
Nicholas, Andrew J., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bomb nose fuse. 2,389,383; Nov. 20.
Nicholas, James H., assignor to G & W Electric Specialty Company, Chicago, Ill. Insulated electrical conductor terminal structure. 2,373,843; Apr. 17.
Nicholas, James S., Akron, Ohio. Amusement device. 2,378,722; June 19.
Nicholas, John, Middle Village, assignor, by mesne assignments, to John Reiner & Company, Long Island City, N. Y. Cooling system and thermostatically controlled by-pass valve. 2,377,028; May 29.
Nicholas, Paul E., St. Joseph, Mo. Detachable wardrobe fitting for hand luggage. 2,384,332; Sept. 4.
Nicholas, William, Chicago, Ill. Incendiary missile. 2,374,230; Apr. 24.
Nicholls, Edward S., Woodbury, H. D. Noll, Wenonah, and J. W. Payne, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Regenerating spent adsorbents. 2,387,936; Oct. 30.
Nichols, Arthur S., Oak Park, assignor to The Illinois Clay Products Company, Joliet, Ill. Preparation of dry sand molds. 2,367,648; Jan. 16.
Nichols, Charles A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electric welder. 2,370,485; Feb. 27.
Nichols, Charles F.: *See*—
Merriman, W. E., and Nichols.
Nichols, Charles W., Jr., New York, N. Y. Furnace. 2,376,177; May 15.
Nichols, Edgar B., Moorestown, N. J. Ornamented article and making the same. 2,374,034; Apr. 17.
Nichols, Edward A., Gainesville, Tex. Developing tank for roll films. 2,367,424; Jan. 16.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Center fork stop motion. 2,378,240; June 12.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Picker stick guide. 2,379,589; July 3.
Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Automatic threading shuttle. 2,379,650; July 3.
Nichols, Floyd A., San Rafael, Calif., assignor of fifty per cent to T. A. S. Berger. Double-action pump. 2,369,365; Feb. 13.
Nichols, Floyd A., San Rafael, Calif., assignor of fifty per cent to T. A. S. Berger. Double-action pump. 2,371,704; Mar. 20.
Nichols, Fred A., Detroit, Mich. Balancing device. 2,377,096; May 29.
Nichols, Harry J., assignor to International Business Machines Corporation, New York, N. Y. Code translating recorder. 2,370,989; Mar. 6.
Nichols, Harry J., Binghamton, N. Y. Bombing apparatus for aircraft. 2,374,885; May 1.
Nichols, Harry T., Bridgeport, Conn. Heel cover to protect bowling alley. 2,378,721; June 19.
Nichols, Warren O., assignor to Allied Plastics Company, Los Angeles, Calif. Auxiliary scrap feed for plastic molding machines. 2,382,655; Aug. 14.

Nichols, William M., Auburn, assignor to American Locomotive Company, New York, N. Y. Liquid fuel injection apparatus. 2,374,614; Apr. 24.
Nichols, William T., near St. Albans, W. Va., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Decolorizing aqueous solution of alkali metal hydroxides. 2,366,546; Jan. 2.
Nichols, William T., St. Alban, W. Va., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Producing unsaturated chlorinated hydrocarbons. 2,369,485; Feb. 13.
Nicholson, Edward W. S., Baton Rouge, La., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,391,334; Dec. 18.
Nicholson, Francis, Chard, England. Traffic markings for road surfaces. 2,371,462; Mar. 13.
Nicholson, Frank H., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,380,864; July 31.
Nicholson, Mary S., executrix: *See*—
Nicholson, William M.
Nicholson, William M., deceased, Ashland, Ky., by M. S. Nicholson, executrix, assignor to G. Le Roy, Charleston, W. Va. High pressure test plug. 2,374,947; May 1.
Nichthauser, Charles A., New York, N. Y. Nested furniture leg support. 2,366,867; Jan. 9.
Nickell, Hershell A., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,374,615; Apr. 24.
Nickelson, Fred, Topeka, Kans. Nursing bottle holder. 2,391,264; Dec. 18.
Nickerson, John L., New York, N. Y., assignor to United States of America, as represented by the Secretary of War. Apparatus for determining blood volume. 2,386,878; Oct. 16.
Nickerson, Ralph F., Pittsburgh, Pa., assignor, by mesne assignments, to National Cotton Council of America, Memphis, Tenn. Cord and making same. 2,372,601; Mar. 27.
Nickla, Louis E.: *See*—
Baker, D. B., Holub, and Nickla.
Nickla, Louis E., Cicero, and A. R. Crawford, Riverside, Ill., assignors to International Harvester Company. Cotton conveyer blower. 2,389,533; Nov. 20.
Nickum, William F.: *See*—
Gardner, E. W., and Nickum.
Nicol, Walter D., Austin, Minn. Hair drier and dehydrator. 2,367,601; Jan. 16.
Nicolai, Hans-Joachim: *See*—
Möller, P., and Nicolai.
Nicolello, Louis L. D., Garwood, N. J. Foul marker for use by football officials. 2,385,878; Oct. 2.
Nicolle, Arthur V., assignor to The Automotive Engineering Company Limited, Twickenham, England. Piston. 2,373,493; Apr. 10.
Nicolson, Alexander M., New York, N. Y. Echo sounding apparatus. 2,378,939; June 26.
Nicolson, Alexander M., New York, N. Y., assignor to Communication Patents, Inc. Coarse and fine frequency synchronizing system. 2,369,153; Feb. 13.
Nicoud Mfg. Co.: *See*—
Fisher, Hardin Y., assignor.
Niederer, Herbert O. and O. C., Titusville, N. J. Sorting device. 2,374,948; May 1.
Niederer, Herbert O. and O. C., Titusville, N. J. Device for arranging articles on conveying means. 2,383,270; Aug. 21.
Niederer, Otto C.: *See*—
Niederer, Herbert O. and O. C.
Niederhauser, Robert J.: *See*—
Spiller, W. R., and Niederhauser.
Niederhauser, Warren, and H. A. Bruson, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. γ-trichlorobutyronitrile and its preparation. 2,379,097; June 26.
Niederl, Joseph B., Brooklyn, N. Y. Alkylated phenolic glycolic acids. 2,370,256; Feb. 27.
Niederl, Joseph B., Brooklyn, N. Y. Alkylidene bis-salicylic acids and preparing same. 2,374,949; May 1.
Niederl, Joseph B. and V., and M. McGreal, Brooklyn, N. Y. Asymmetric quaternary ester-salts of morpholine. 2,380,325; July 10.
Niederl, Victor: *See*—
Niederl, J. B. and V., and McGreal.
Niekamp, Richard A., assignor to The Master Electric Company, Dayton, Ohio. Shaft coupling. 2,385,369; Sept. 25.
Nield, Douglas, Dinas Powis, Wales. Locking for screw threaded male parts. 2,371,595; Mar. 13.
Nielsen, Adolph, assignor of one-half to Peter Gaird, Oakland, Calif. Hose nozzle. 2,376,881; May 29.
Nielsen, Andreas C., East Cleveland, Ohio. Combination lathe-tool. 2,369,600; Feb. 13.
Nielsen, Hakon C., Minneapolis, Minn. Cable clamp. 2,385,225; Sept. 18.
Nielsen, Herman: *See*—
Pedersen, P. H., and Nielsen, assignors.
Nielsen, John E., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal for electric bridge measurements. 2,369,070; Feb. 6.
Nielsen, John P.: *See*—
Maclay, W. D., and Nielsen.

Nielsen, Peter: *See*—
Taylor, E. W., and Nielsen.
Nielsen, Russell A.: *See*—
Penney, G. W., and Nielsen.
Niemack, Paul J., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Carrier. 2,377,712; June 5.
Nieman, Dolores E.: *See*—
Nieman, John R., assignor.
Nieman, John R., assignor to D. E. Nieman, Peoria, Ill. Speed computator. 2,385,100; Sept. 18.
Niemand Bros. Inc.: *See*—
Jensen, Paul J., assignor.
Niemann, Harold H: *See* Nelson, A., and Niemann.
Niemi, Matti, Anchorage, Territory of Alaska. Fish pick. 2,391,185; Dec. 18.
Niersbach, Milton P., Petaluma, Calif. Feeding apparatus for chicks. 2,383,732; Aug. 28.
Niesemann, Fritz, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas pressure regulator. 2,380,459; July 31.
Nieter, Temple, Racine, Wis. Refrigerator door structure and latching mechanism. 2,386,495; Oct. 9.
Nightingale, William J., Oak Park, assignor of one-half to G. C. Bruen, Chicago, Ill. Universal multidogging device. 2,367,045; Jan. 9.
Niki, Genkichi, Shibuyaku, Tokyo, Japan; vested in the Alien Property Custodian. Apparatus for manufacturing pile fabric, such as carpet. 2,378,574; June 19.
Nik-O-Lok Company: *See*—
Neer, H. L., Wasson, and Neer, assignors.
Niles-Bement-Pond Company: *See*—
Caldwell, S. H., Jaeger, and Taylor, assignors.
Drake, Alden M., assignor.
Niles, Charles H.: *See*—
Klemm, H. G., and Niles.
Niles, Eliot W.: *See*—
Hose, R. H., and Niles.
Nilles, Philip C., Chicago, Ill. Dumping vehicle. 2,367,425; Jan. 16.
Nilson, Arthur N.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C.
Nilson, John L., Chicago, Ill. Golf club. 2,384,333; Sept. 4.
Nilsson Gage Company, Inc.: *See*—
Nilsson, John C. and J. F., assignors.
Nilsson, John C. and J. F., assignors to Nilsson Gage Company, Inc., Poughkeepsie, N. Y. Inside diameter measuring and indicator gauge. 2,385,157; Sept. 18.
Nilsson, John F.: *See*—
Nilsson, John C. and J. F.
Nilsson, Ragnar H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Vehicle brake. 2,384,257; Sept. 4.
Nilsson, Robert S., London, England. Calculating machine. 2,366,282; Jan. 2.
Nilsson, Robert S., London, England. Transfer mechanism for calculating machines. 2,369,974; Feb. 20.
Nimrick, Harold C., Detroit, Mich. Heel for boots or shoes. 2,378,028; June 12.
Nineteen Hundred Corporation: *See*—
Geldhof, P. E., and Ringer, assignors.
Geldhof, P. E., and Wooster, assignors.
Morgenstern, Charles E., assignor.
Ringer, Luther, assignor.
Nisbet, Robert H.: *See*—
Saul, G. C., Harding, and Nisbet.
Nisbet, Robert H., Stroud, and W. G. Harding, Whitton, England, assignors to Sperry Gyroscope Company Incorporated, Brooklyn, N. Y. Control or regulating system employing fluid pressure. 2,390,119; Dec. 4.
Nisenson, Jules, assignor to Publix Metal Products Inc., New York, N. Y. Venetian blind tilter. 2,391,500; Dec. 25.
Nissen, George P., Cedar Rapids, Iowa. Tumbling device. 2,370,990; Mar. 6.
Nissim, Raoul, London, England. Electric arc furnace. 2,368,998; Feb. 6.
Nissim, Raoul, London, England. Open hearth furnace. 2,386,565; Oct. 9.
Nitescu, Marcel, Bucharest, Roumania; vested in the Alien Property Custodian. Catalytic process for converting liquid and gaseous hydrocarbons into antiknock spirit and aromatic hydrocarbons. 2,375,940; May 15.
Nitsch, Reynold J.: *See*—
Gorey, A. H., Nadel, and Nitsch.
Gorey, A. H., Nadel, Nitsch, and Steiner.
Nitschman, George H., assignor to The S. & S. Products Company, Lima, Ohio. Bottle dispensing machine. 2,381,179; Aug. 7.
Nittka, Alfred E., Cleveland, Ohio. Pumping system and apparatus. 2,391,734; Dec. 25.
Nivison, David B., assignor to Blackburn Aircraft Limited, Brough, England. Machine for bending tubes. 2,367,602; Jan. 16.
Nivison, David B., assignor to Blackburn Aircraft Limited, Brough, England. Apparatus for bending elongated metal articles. 2,369,486; Feb. 13.
Nix, Edmund A., Montreal, Quebec, assignor to Dominion Hoist & Shovel Company Limited, Lachine, Quebec, Canada. Valve gear mechanism. 2,380,369; July 10.
Nixon, Alan C., Oakland, assignor to Shell Development Company, San Francisco, Calif. Solutizer recovery process. 2,379,098; June 26.
Nixon, Leslie R.: *See*—
Chilton, A. H., and Nixon.
Nixon, Leslie R., London, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,366,283; Jan. 2.
Nixon, Leslie R., New Eltham, London S. E. 9, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator of the carbon pile type. 2,373,591: Apr. 10.
Nixon, Leslie R., New Eltham, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,389,321; Nov. 20.
Nixon, Virgil H., Joplin, Mo. Wedge grip scraper blade. 2,390,611; Dec. 11.
Noack, Walter G., assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Slag removing device for furnaces. 2,375,436; May 8.
Noble, Charles S., Nobleford, Alberta, Canada. Cultivating blade and carrier. 2,373,703; Apr. 17.
Noble, Frank G., Houston, Tex., assignor to Standard Oil Development Company. Recovering gasoline. 2,386,057; Oct. 2.
Noble, Glenn S.: *See*—
Moody, Kenneth M., assignor.
Noble, Max V., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation composition and method. 2,375,868; May 15.
Noble, Ross A., Flint, Mich. Calculating device. 2,381,836; Aug. 7.
Noble, Sidney G., Oak Park, and W. L. Wolgemuth, La Grange, Ill. Solution concentration control system. 2,377,363; June 5.
Noble, Warren, assignor to The Cleveland Worm & Gear Company, Cleveland, Ohio. Worm gear reduction unit. 2,388,863; Nov. 13.
Noble, Warren, assignor to The Cleveland Worm & Gear Company, Cleveland, Ohio. Air-cooled reduction gear unit. 2,391,186; Dec. 18.
Nobles, Warren H., assignor to Seeger Refrigerator Company, St. Paul, Minn. Method and apparatus for bending sheet material. 2,382,807; Aug. 14.
Nobles, Warren H., and J. E. Mills, assignors to Seeger Refrigerator Company, St. Paul, Minn. Flexible chute. 2,378,652; June 19.
Noblitt-Sparks Industries, Inc.: *See*—
Booth, Earl C., assignor.
Nock, John T., Weston-Super-Mare, assignor of one-half to L. Copley-Smith & Sons, Limited, Manchester, England. Gauge. 2,374,830; May 1.
Nock, Joseph A., Jr., Tarentum, and T. W. Bossert, Carnegie, assignors to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment for aluminum base alloys. 2,388,563; Nov. 6.
Noel, Henry M., Summit, N. J., assignor to Standard Oil Development Company. Recovery of vanadium. 2,372,109; Mar. 20.
Noelting, William H., and H. T. Prothero, assignors to Faultless Caster Corporation, Evansville, Ind. Swiveling brake caster. 2,366,927; Jan. 9.
Noffsinger, Fred P., Greeley, Colo. Sprocket wheel. 2,382,740; Aug. 14.
Noffsinger, Fred P., Greeley, Colo. Plow attachment for tractors. 2,384,483; Sept. 11.
Nofzinger, Earl E., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator cabinet and making same. 2,366,284; Jan. 2.
Nogle, James E., Jacksonville Beach, Fla. Equalizing trailer hitch. 2,376,001; May 15.
Noguera, Joseph, assignor to Casablancas High Draft Company Limited, Manchester, England. Drafting mechanism for textile fibers. 2,381,983; Aug. 14.
Noguera, Joseph, Prestwich, Manchester, assignor to Casablancas High Draft Company Limited, Manchester, England. Rollers of drafting mechanism for textile fibers. 2,387,937; Oct. 30.
Noguera, Joseph, Prestwich, assignor to Casablancas High Draft Company Limited, Manchester, England. Drafting mechanism for textile fibers. 2,388,760; Nov. 13.
Nolan, John J., Jr., assignor to The Central Foundry Company, New York, N. Y. Casting method. 2,378,723; June 19.
Nolan, Kenneth G., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Transdithiocyanoethylene as a fungicide. 2,390,037; Nov. 27.
Noland, Thomas T.: *See*—
Berger, H. G., Noland, and Fuller.
Nygaard, E. M., McCracken, and Noland.
Noland, Thomas T., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,379,453; July 3.
Noland, Thomas T., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Diesel fuels. 2,370,183; Feb. 27.
Nolde, George V., Berkeley, Calif. Synchronizing and phasing system. 2,380,542; July 31.
Noll, Henry D.: *See*—
Nelson, T. W., Noll, and Simpson.
Nicholls, E. S., Noll, and Payne.
Noma Electric Corporation: *See*—
Larsen, Olai F., Jr., assignor.
Wisoff, Isaac J., assignor.
Noned Corporation et al.: *See*—
Strain, W. H., Plati, and Warren, assignors.

Nonken, Gordan C.: *See*—
Kubler, E. F., Schneider, and Nonken.
Nonn, Arthur W.: *See*—
Reed, A. D., and Nonn.
Noonan, Edmund L., Dayton, Ohio, and W. Tydon, East Aurora, N. Y., assignors to Curtis-Wright Corporation. Wing flap and auxiliary wheel control. Re. 22,674; Sept. 18.
Noonan, Edmund L., Dayton, Ohio, and W. Tydon, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Wing flap and tail wheel control. 2,366,868; Jan. 9.
Noone, Charles A., Chattanooga, Tenn. Garment for complete protection against inclement weather. 2,372,110; Mar. 20.
Noorduyn, Robert B. C., and D. G. Whittle, Montreal, Quebec, Canada. Rudder and ground wheel control mechanism for aircraft. 2,367,649; Jan. 16.
Norberg, Clarance, Allerton, Iowa. Folding target holder. 2,372,111; Mar. 20.
Nord, Eric T., assignor to U. S. Automatic Corporation. Amherst, Ohio. Milling and marking machine. 2,381,921; Aug. 14.
Nordac Limited: *See*—
Swindin, Norman, assignor.
Nordberg Manufacturing Co.: *See*—
Buris, John P., assignor.
Froehlich, Kurt, assignor.
Gruender, O. C., and Werner, assignors.
Huber, Ernest G., assignor.
Rapp, John L., assignor.
Symons, Loren G., assignor.
Talboys, H. H., and Erickson, assignors.
Nordel Corporation: *See*—
Evjen, Haakon M., assignor.
Nordell, Carl H., Coloma, Mich. Apparatus for aerating sewage. 2,374,772; May 1.
Norden, Axel G., Valley Stream, assignor to Eben Knowlton, New York, N. Y. Building construction. 2,368,770; Feb. 6.
Norden, Axel G., Valley Stream, assignor to Eben Knowlton, New York, N. Y. Combined weather strip and sash control. 2,372,975; Apr. 3.
Norden, Elwood, Pelham, F. Q. Gemmill, Hempstead, and E. J. Isbister, assignors to Sperry Gyroscope Company, Brooklyn, N. Y. Aircraft flight indicator and system. 2,384,484; Sept. 11.
Nordenson, Willard H.: *See*—
Sklovsky, M., and Nordenson.
Nordfeldt, Birger, assignor, to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Polyphase direct current saturated inductance. 2,372,112; Mar. 20.
Nordholm, Karl Sixten Jons, V. Bodarne, assignor to Aktiebolaget Svenska Carbidkontoret, Gothenburg, Sweden. Acetylene generator. 2,387,462; Oct. 23.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,371,256; Mar. 13.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,378,495; June 19.
Nordquist, Ronald E. J.: *See*—
Murch, J. H., and Nordquist.
Murch, J. H., Nordquist, and Nordstrom.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can end marking machine. 2,370,184; Feb. 27.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Sheet cutting machine. 2,387,767; Oct. 30.
Nordquist, Ronald E. J., Maplewood, and H. F. Cox, Jr., Murray Hill, N. J., assignors to American Can Company, New York, N. Y. Marking machine. 2,369,172; Feb. 13.
Nordstrom, Elof: *See*—
Murch, J. H., Nordquist, and Nordstrom.
Nordstrom, Elof, East Orange, and V. T. Grover, Maplewood, N. J., assignors to American Can Company, New York, N. Y. Coating machine. 2,375,812; May 15.
Nordstrom, Gustaf E., assignor to American Fibre Corporation, Gardner, Mass. Textile twisting machine. 2,390,729; Dec. 11.
Nordyke, John S., and L. Vaughn, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Treating lead oxide. 2,374,886; May 1.
Norelius, Emil F., Springfield, Ill. Truck frame. 2,378,942; June 26.
Norén, Helge, Folke Kylemo, assignors to Industriaktiebolaget Luxor, Motala, Sweden. Automatic control dedevice for phonographs. 2,373,494; Apr. 10.
Norgren, Carl A., Denver, Colo. Compression fitting. 2,381,554; Aug. 7.
Norkin, Morris, and A. Savitzky, New York, N. Y. Apparatus and method for manufacturing slide fasteners. 2,385,836; Oct. 2.
Norlin, Clarence F., Chicago, Ill. Antisplash shield. 2,368,375; Jan. 30.
Norma-Hoffmann Bearings Corporation: *See*—
Anderson, Warren D., assignor.
Norman, George M., Fairville, Pa., and J. Stuart II, assignors to Hercules Powder Company, Wilmington, Del. Centrifugal. 2,382,574; Aug. 14.
Norman, Horace M., Skokie, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric speedometer. 2,385,101; Sept. 18.
Norman, Joseph W., assignor to Smith and Wesson, Inc., Springfield, Mass. Firing mechanism for firearms. 2,380,326; July 10.
Norman, Noah M.: *See*—
Fontaine, J. P. K., and Norman.
Norman, Noah M., and J. P. K. Fontaine, Birmingham Ala.; said Norman assignor to said Fontaine. Trailer coupler. 2,372,976; Apr. 3.
Normington, James B.: *See*—
Dickey, J. B., and Normington.
Norrbom, Enock, Los Angeles, Calif. Internal-combustion engine. 2,374,773; May 1.
Norrid, James H., Detroit, Mich. Corner unit. 2,386,338; Oct. 9.
Norris, Dale R., and C. M. Greening, Hillsdale, assignors to Allied Products Corporation, Detroit, Mich. Dressing tool holder. 2,372,732; Apr. 3.
Norris, Frank A., Minneapolis, Minn., assignor to General Mills, Inc. Stabilization of fat products. 2,377,029; May 29.
Norris, Frank A., Minneapolis, Minn., assignor to General Mills, Inc. Stabilization of fatty products. 2,377,030; May 29.
Norris, Frank A., Minneapolis, Minn., assignor to General Mills, Inc. Stabilization of fat products. 2,377,031; May 29.
Norris, John G., Bloomer, Wis. Chiropractic adjustment table. 2,381,922; Aug. 14.
Norris, Kenneth T., San Marino, Calif. Multiple sheet metal stamping press. 2,377,097; May 29.
Norris, Lannie F., Minneapolis, Minn. Milk dispenser. 2,377,261; May 29.
Norris, Rollin H.: *See*—
Puffer, S. R., and Norris.
Norris, William A., Alhambra, Calif. Ventilator. 2,368,320; Jan. 30.
Norrman, Ernst: *See*—
Gibbs, T. B., and Norrman.
Norrman, Ernst, Williams Bay, Wis. Indicating device. 2,366,800; Jan. 9.
Norsen, Dwight A., assignor to Boeing Aircraft Company, Seattle, Wash. Punch and work locating template. 2,373,844; Apr. 17.
North American Aviation, Inc.: *See*—
Beardslee, William H., assignor.
Chapman, James E., assignor.
Darby, Vene L., assignor.
Davie, Robert P., Jr., assignor.
Gillum, D. E., and Van Riper, assignors.
Holloway, Daniel E., assignor.
Holton, Edward C., assignor.
Martin, Eric L., assignor.
Patch, Arthur C., assignor.
Schmued, Edgar, assignor.
Seifried, Richard, assignor.
Sullwold, Richard H., assignor.
Torresen, Carel T., assignor.
Villepigue, Julius G., assignor.
North American Holding Corporation: *See*—
Metcalf, Arthur G. B., assignor.
North American Rayon Corporation: *See*—
Bley, Rudolph S., assignor.
Lyle, M. H., and Smith, assignors.
Taylor, J. I., and Schaefer, assignors.
North American Research Corporation: *See*—
Metcalf, Arthur G. B., assignor.
North Carolina Magnesium Development Corporation: *See*—
Hansgirg, F. J., assignor.
Hansgirg, Fritz J., assignor.
Van der Pyl, Edward, assignor.
North, Edwin W., assignor to National Lock Co., Rockford, Ill. Hinge. 2,372,977; Apr. 3.
North, Edwin W., and W. O. Burke, assignors to National Lock Co., Rockford, Ill. Hose clamp. 2,386,629; Oct. 9.
North Shore Cutting Die Company: *See*—
Leskiewicz, Stanley, assignor.
North, William B., East Orange, N. J. Building construction. 2,380,460; July 31.
Northcutt, Robert T., Jr.: *See*—
Northcutt, R. T., and R. T., Jr.
Northcutt, Robert T., Westfield, and R. T. Northcutt, Jr., Fanwood, N. J., assignors to Food Concentrates, Inc., New York, N. Y. Drying hygroscopic plastics 2,391,033; Dec. 18.
Northern Pump Company: *See*—
Gondek, J. T., and Wilson, assignors.
Northern Signal Co., Inc: *See*—
Nunn, Ewing D., assignor.
Northey, Elmore H., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. 2-amino 4-methylpyrimidine. 2,378,318: June 12.
Northrop Aircraft, Inc.: *See*—
Griffin, Alvah M., assignor.
Kahler, W., and Lathrop, assignors.
Meredith, Russell, assignor.
Northrop, J. K., and Pavlecka, assignors.
York, J. O., and Winslow, assignors.
Northrop, John K., Los Angeles, Calif. Anchor. 2,368,942; Feb. 6.
Northrop, John K., Los Angeles, Calif. Anchor. 2,380,119; July 10.

Northrop, John K., Los Angeles, and V. H. Pavlecka, Pacific Palisades, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Airplane structure. 2,390,730; Dec. 11.
Northup, Harry L., assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Seal. 2,386,496; Oct. 9.
Northwood Chemical Company: *See*— Katzen, Raphael, assignor.
Norton, Arthur J., Wells, Maine, assignor to Monsanto Chemical Company, St. Louis, Mo. Resinous composition. 2,378,575; June 19.
Norton, Arthur J., Wells, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Production of resinous compositions. 2,385,370; Sept. 25.
Norton, Calhoun, assignor to Arens Controls, Inc., Chicago, Ill. Strip forming apparatus. 2,384,485; Sept. 11.
Norton, Calhoun, assignor to Arens Controls, Inc., Chicago, Ill. Strip forming apparatus. 2,384,486; Sept. 11.
Norton, Charles L., Jr., New York, N. Y., assignor to The Babcock & Wilcox Company, Jersey City, N. J. Metallic vessel for high temperature service. 2,373,845; Apr. 17.
Norton Company: *See*— Bura, Walter M., assignor. Carlson, Carl A., assignor. Flygare, Carl G., assignor. Flygare, C. G., and Helstrom, assignors. Coes, Loring, Jr., assignor. Indge, Herbert S., assignor. Indge, H. S., and Lund, assignors. Kistler, Samuel S., assignor. Lombard, Robert H., assignor. Silven, Herbert A., assignor. Wheildon, William M., Jr., assignor.
Norton, Edward G., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing plastic material. 2,371,349; Mar. 13.
Norton, Francis J., Schenectady, N. Y., assignor to General Electric Company. Waterproofing treatment of materials. 2,386,259; Oct. 9.
Norton, Leland D., Fairfield, and V. L. Frykman, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Circuit control device. 2,374,561; Apr. 24.
Norton, Lionel W., Westerleigh, N. Y. Shingle cutter. 2,372,512; Mar. 27.
Norton, Lionel W., New York, N. Y. Pot holder. 2,375,129; May 1.
Norton, Lowell, Collingswood, N. J., assignor to Radio Corporation of America. Range quadrant identification circuit. 2,379,739; July 3.
Norton, Lowell E., Princeton, N. J., assignor to Radio Corporation of America. Phase modulation detection. 2,375,577; May 8.
Norton, Oliver G.: *See*— McFall, T. E., and Norton.
Norton, Rolland A., Norfolk, Va. Ground working device. 2,373,080; Apr. 3.
Norton, Samuel H.: *See*— Kerwin, J. M., and Norton.
Norton, Samuel H., University Heights, Ohio. Slide fastener. 2,371,309; Mar. 13.
Norvell, William E., Kansas City, Mo. Bolter drive. 2,374,451; Apr. 24.
Norwalk Lock Company: *See*— Hines, J., and Segal, assignors.
Norwood, Doak, Chicago, Ill. Collarband construction for shirts. 2,385,638; Sept. 25.
No-Sag Spring Company: *See*— Horton, Frank J., assignor.
Nosik, William A., Cleveland, Ohio. Pharmaceutical dispensing device. 2,371,774; Mar. 20.
Nostrand, Eugene S., South Orange, N. J. Sound reducing device for beds. 2,375,941; May 15.
Nostrip Inc.: *See*— Johnson, James M., assignor.
Nott, Ray A., and L. S. Ellis, St. Joseph, Mo., assignors to Industrial Patents Corporation, Chicago, Ill. Automatic sheep pelt scrubbing or cleaning machine. 2,384,691; Sept. 11.
Nottingham, Edward B.: *See*— Waller, P. H., and Nottingham.
Notturno, Albert C., Hewlett, N. Y. Piston. 2,369,792; Feb. 20.
Novadel-Agene Corporation: *See*— Baker, John C., assignor. Merckel, Frederick G., assignor.
Novak, Mary E., Chicago, Ill. Booklet binder. 2,380,780; July 31.
Novak, Mary E., Chicago, Ill. Slacks. 2,389,273; Nov. 20.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope fastener machine. 2,387,605; Oct. 23.
Novotny, Emil E., Prospectville, assignor to Durite Plastics, Incorporated, Philadelphia, Pa. Manufacture of molded composition friction bodies. 2,390,266; Dec. 4.
Nowka, Werner, Garden City, N. Y., assignor to Varispeed Corporation, Dover, Del. Mechanical movement. 2,379,454; July 3.
Noxon, Paul A.: *See*— Bechberger, P. F., and Noxon. MacCallum, A. M., and Noxom.
Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Gyro caging device. 2,369,845; Feb. 20.
Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Rate of turn meter and bank indicator. 2,387,938; Oct. 30.
Noyes, Harry A., Newton, Mass. Framed comestibles in freezing. 2,374,452; Apr. 24.
Nudelman, Eoina, Chicago, Ill. Drum beating toy. 2,376,614; May 22.
Nudelman, Eoina, Chicago, Ill. Cymbal-beating toy 2,376,615; May 22.
Nudenberg, Walter, Chicago, Ill., assignor to United States of America, as represented by the Secretary of Agriculture. Preparing trans-quinitol diacetate. 2,377,571; June 5.
Nufer, Jacob, West New York, N. J., assignor to Baar & Beards, Inc., New York, N. Y. Ornamental accessory. 2,387,173; Oct. 16.
Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,388,279; Nov. 6.
Nuffer, Joseph H., Toledo, Ohio, and L. H. Latta, Deerfield, Ill., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Suction cleaner. 2,388,280; Nov. 6.
Nunes, John S., assignor to E. Lefkowitz, doing business as Fulton Electric Mfg. Co., New York, N. Y. Switch. 2,389,075; Nov. 13.
Nunes-Vaz, Jacobus, Toronto, Ontario, Canada, assignor to Dominion Diamond Cutting Company. Metal boring or cutting tool. 2,378,094; June 12.
Nunn, Ewing D., assignor to Northern Signal Co., Inc., Milwaukee, Wis. Reinforced housing. 2,378,860; June 19.
Nuodex Products Co., Inc.: *See*— Minich, Arthur, assignor.
Nussbaum, Leon, assignor of one-half to Hatim Attari, London, England. Abrasive tool. 2,391,589; Dec. 25.
NuTone, Incorporated: *See*— Corbett, Joseph R., assignor.
Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,366,643; Jan. 2.
Nuttall, Norman H.: *See*— Griffin, I. L., Truax, and Nuttall.
Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Air cleaner. 2,373,330; Apr. 10.
Nutting, Eugene G., Jr., Grosse Ile, assignor, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of alkali metal silicates. 2,374,035; Apr. 17.
Nutting, Howard S.: *See*— Britton, E. C., Nutting, and Huscher.
Nutting, Howard S., and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Separation of unsaturated aliphatic hydrocarbons from solutions thereof in ammonia. 2,370,063; Feb. 20.
Nutting, Howard S., and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Separation of butadiene and butylene from mixtures comprising the same. 2,370,064; Feb. 20.
Nutting, Howard S., and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Distillation of ammonia and hydrocarbon mixtures. 2,371,350; Mar. 13.
Nyberg, Morgan A., Milwaukee, Wis., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,371,064; Mar. 6.
Nydegger, Roland R.: *See*— Johnson, C. R., and Nydegger.
Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Sifter closure. 2,366,644; Jan. 2.
Nye, J. Marshall, Phillips, Tex., assignor to Phillips Petroleum Company. Fluid pressure electrical switch. 2,391,068; Dec. 18.
Nye, Norman H.: *See*— McIlvried, E. J., and Nye.
Nye, Owen K.: *See*— Wadsworth, R. J., and Nye.
Nye, Verne H.: *See*— Hanna, Henry M., assignor.
Nygaard, Edwin M.: *See*— McCracken, J. H., and Nygaard. Noland, T. T., and Nygaard.
Nygaard, Edwin M., and J. H. McCracken, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Trialkyl phosphines for Diesel fuels. 2,368,866; Feb. 6.
Nygaard, Edwin M., J. H. McCracken, and T. T. Noland, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Preparation of nitrolic acids and pseudonitroles. 2,370,185; Feb. 27.
Nygren, Carl, assignor to Michiana Products Corporation, Michigan City, Ind. High temperature fan. 2,385,837; Oct. 2.
Nygren, Carl, assignor to Michiana Products Corporation, Michigan City, Ind. High temperature fan. 2,385,838; Oct. 2.
Nyquist, Harry, Milburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signaling system. 2,386,566; Oct. 9.

Nysewander, Cecil W.: *See*—
Sutton, M., and Nysewander.

Nysewander, Cecil W., Highland, and N. Fragen, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Isomerizing paraffin hydrocarbons using an aluminum halide-hydrocarbon complex catalyst. 2,375,321; May 8.

Nystrom, Carl H., assignor to American Bosch Corporation, Springfield, Mass. Fluid pump. 2,380,607; July 31.

Nystrom, Karl F., Nashotah, Wis., assignor to Standard Railway Equipment Manufacturing Company. Railway car side door. Re. 22,633; Apr. 17.

Nystrom, Karl F., Milwaukee, Wis. House car. 2,367,603; Jan. 16.

O. & S. Bearing Company: *See*—
Schroeter, Bruno, assignor.

Oak, Donald P., Tulsa, Okla. Fitting for use with oil well tubing or the like. 2,366,547; Jan. 2.

Oakes, Ernest A., Elkins Park, Pa. Drilling machine. 2,372,287; Mar. 27.

Oakes Manufacturing Company, The: *See*—
Hobbs, H. H., and Zaloudek, assignors.

Oakeshott, Stephen H.: *See*—
Baird, W., Hill, Harris, Oakeshott, and Wilson.

Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Washing machine drive. 2,387,283; Oct. 23.

Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Washing machine drive. 2,388,175; Oct. 30.

Oakley, John, Springfield, assignor to Perkins Machine and Gear Company, West Springfield, Mass. Washing machine drive. 2,388,176; Oct. 30.

Oatley, Arthur F., Deepfields, England. Gas heated cooking oven. 2,383,410; Aug. 21.

Oatman, William F., Geneva, Ill., assignor to Hercules Powder Company, Wilmington, Del. Production of casein. 2,388,991; Nov. 13.

Obecny, John T., Los Angeles, assignor of one-half to M. C. Garst, Sacramento, Calif. Hydraulic work holder. 2,366,979; Jan. 9.

Obedin, Nathan, Brooklyn, N. Y. Unwinding head for bolts of fabric. 2,375,679; May 8.

Obedin, Nathan, Brooklyn, N. Y. Releasably interlocked grinding mechanism. 2,375,680; May 8.

Obenauer, J. E.: *See*—
Edgington, Clay M., assignor.

Obenshain, Noel, Piedmont, W. Va., and M. A. Sively, Luke, Md., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Self-cleaning filter. 2,382,656; Aug. 14.

Oberfell, George G.: *See*—
Short, G. H., and Oberfell.

Oberfell, George G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalyst chamber. 2,384,258; Sept. 4.

Oberfell, George G., and J. P. Jones, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of motor fuel. 2,376,077; May 15.

Oberfell, George G., and J. P. Jones, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of light hydrocarbons. 2,376,078; May 15.

Oberg, James L.: *See*—
Wilson, E. F., and Oberg.

Oberg, Ture T., Dayton, Ohio. Rotating-beam-tube fatigue testing machine. 2,376,379; May 22.

Obergfell, Herbert F., River Forest, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone set. 2,375,681; May 8.

Oberkamper, Elden L., et al.: *See*—
Oberkamper, Ivan E., assignor.

Oberkamper, Ivan E., assignor of one-third to E. L. Oberkamper and one-third to O. O. Oberkamper, Ceres, Calif. Loading device for manure spreaders. 2,368,422; Jan. 30.

Oberkamper, Orvis O., et al.: *See*—
Oberkamper, Ivan E., assignor.

Obermaier, John A., Chicago, Ill. Carrying case. 2,379,031; June 26.

Obermeyer, Edward C.: *See*—
Obermeyer, Leo F. and E. C.

Obermeyer, Leo F. and E. C., Grand Rapids, Mich. Heat detector. 2,374,123; Apr. 17.

Oberright, Edward A.: *See*—
Moran, R. C., Meyer, Otto, and Oberright.

Oberweiser, Gilbert E., assignor to Collins Radio Company, Cedar Rapids, Iowa. Zero phase shift selective amplifier. 2,383,984; Sept. 4.

Oblad, Alex G.: *See*—
D'Ouville, E. L., and Oblad.
Jahn, F. P., and Oblad.

Oblad, Alex G., assignor to Standard Oil Company, Chicago, Ill. Producing toluene. 2,383,072; Aug. 21.

Oblad, Alex G., Chicago, Ill., and L. Heard, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion system. 2,387,088; Oct. 16.

Obolensky, Prince D., Dresden, Germany; vested in the Alien Property Custodian. Reel or spool for motion-picture films. 2,373,704; Apr. 17.

O'Boyle, Charles M.: *See*—
Stultz, Posy G., assignor.

O'Brien, Edmund H., Kansas City, Mo. Internal-combustion engine. 2,371,911; Mar. 20.

O'Brien, Elwin J., Grand Forks, N. Dak. Coupled circuit frequency modulator. 2,368,036; Jan. 23.

O'Brien, Francis M., Jr., Miami, Fla. Boring bar. 2,391,794; Dec. 25.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Fiber container. 2,369,975; Feb. 20.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. End seam for metal containers. 2,384,042; Sept. 4.

O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Closure for paper containers. 2,389,534; Nov. 20.

O'Brien, Frank J., Pelham, N. Y., and C. E. Maier, Elmhurst, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Preserving steel plate from corrosion and preparing elements of container bodies therefrom. 2,386,813; Oct. 16.

O'Brien, Fred J., Mount Vernon, N. Y. Screen plate. 2,391,501; Dec. 25.

O'Brien, George A., Kansas City, Kan. Bubble cap. 2,391,502; Dec. 25.

O'Brien, Joseph F.: *See*—
Morten, L. G., and O'Brien.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Composite electricity conductor unit. 2,368,676; Feb. 6.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,373,331; Apr. 10.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. End closure means for electric wiring units. 2,384,487; Sept. 11.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Feed section unit for electric wiring systems. 2,385,375; Sept. 25.

O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electrical conductor unit assemblies. 2,385,839; Oct. 2.

O'Brien, Paul C., assignor to Hat Corporation of America, Norwalk, Conn. Heat protector. 2,391,335; Dec. 18.

O'Brien, Vincent R., St. Paul, Minn. Sink construction. 2,391,034; Dec. 18.

O'Brien, William J., Syracuse, N. Y. Apparatus for heat treating liquids. 2,378,029; June 12.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Snap-action switch. 2,378,784; June 19.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Hand grip switch device. 2,381,077; Aug. 7.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Solenoid construction. 2,383,411; Aug. 21.

Obszarny, Thedore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Hand grip control switch. 2,390,846; Dec. 11.

Obtresal, Robert, Magdeburg, Germany; vested in the Alien Property Custodian. Hydraulic drive. 2,381,923; Aug. 14.

Oceanic Ship Sealing Co., Inc.: *See*—
Sorrentino, Thomas, assignor.

O-Cedar Corp'n: *See*—
Dupuy, Charles F. J., assignor.

Ocenasek, William F., South Plainfield, assignor to Walker-Turner Co. Inc., Plainfield, N. J. Feed mechanism. 2,384,732; Sept. 11.

Ochiltree, Ned A., Oak Park, Ill., assignor to Ceco Steel Products Corporation, Omaha, Nebr. Sheet metal roofing material. 2,369,487; Feb. 13.

Ochsenbein, Walter, assignor to Hasler A. G. Werke für Telephonie und Prazisionsmechanik, Bern, Switzerland. Magneto ignition device with interrupter for internal-combustion engines. 2,382,808; Aug. 14.

Ochsenbein, Walter, assignor to Hasler A.-G. Werke fur Telephonie und Prazisionsmechanik, Berne, Switzerland. Magneto. 2,385,226; Sept. 18.

Ochsenbein, Walter, assignor to Hasler A.-G. Werke für Telephonie und Präzisions-mechanik, Berne, Switzerland. Circuit breaker and ignition timing device. 2,386,136; Oct. 2.

Ockrant, William: *See*—
Unger, M., and Ockrant.

O'Conner, Arthur F., Chicago, Ill., assignor to Union Asbestos & Rubber Company. Air circulating means for refrigerator cars. 2,386,002; Oct. 2.

O'Connor, Arthur F.: *See*—
Breen, H. D., and O'Connor.

O'Connor, Bernard E.: *See*—
Magrum, G. M., and O'Connor.

O'Connor, Bernard E., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber. 2,371,705; Mar. 20.

O'Connor, Daniel J., Jr.: *See*—
Kroeger, J. W., and O'Connor.

O'Connor, Edward G., New York, N. Y. Spark and slug catching chute. 2,380,188; July 10.

O'Connor, Harry F.: *See*—
Kroeger, J. W., and O'Connor.

O'Connor, John J.: *See*—
De Simó, M., and O'Connor.

O'Connor, Paul: *See*—
Greene, G. B., and O'Connor.
O'Connor, Walter J., Pittsburgh, Pa. Iceproof windshield. 2,386,339; Oct. 9.
Oddo, Nicoll C., Middletown, N. Y. Tire chain tool. 2,374,616; Apr. 24.
Odell, Arthur D.: *See*—
Butler, G. C., Lozinski, and Odell.
Odell, William W., and W. D. Harbert, assignors to Lion Oil Refining Company, El Dorado, Ark. Recovering elemental sulphur from sulphurous gases. 2,389,810; Nov. 27.
Oden, Thomas K., and R. L. Wight, Sacramento, Calif. Fishhook. 2,383,073; Aug. 21.
Odian, Frank A., Detroit, Mich. Siding cutter. 2,378,428; June 19.
Odin Corporation: *See*—
Svenson, Ernest J., assignor.
Odin, Frank W., Chicago, Ill. Telescopic structure. 2,376,716; May 22.
Odin, Frank W., Chicago, Ill. Telescopic structure. 2,391,101; Dec. 18.
Odom, Leslie M., and J. H. Lambert, Los Angeles, Calif. Pot chuck collet. 2,389,633; Nov. 27.
Odom, William P., Manhasset, Long Island, N. Y., assignor to The Emeloid Company, Incorporated, Arlington, N. J. Navigation plotting instrument. 2,372,288; Mar. 27.
O'Donnell, James H., Woburn, Mass. Illuminated brooch. 2,374,375; Apr. 24.
O'Donnell, John R., Brooklyn, assignor to Econo Safety Devices, Inc., Maspeth, N. Y. Hinged clamp. 2,370,748; Mar. 6.
Odward, Paul S., Lake Geneva, Wis. Holder for fishing poles. 2,389,384; Nov. 20.
O'Dwyer, Daniel M., London, England. Steering indicator device for vehicles. 2,390,317; Dec. 4.
Oechsle, Sixtus J., Philadelphia, and J. N. Childs, Meadowbrook, assignors to Metalweld, Inc., Philadelphia, Pa. Sandblasting apparatus. 2,376,616; May 22.
Oehler, Alvin W.: *See*—
Paradise, L. A., and Oehler.
Oehler, Alvin W., assignor to Deere & Company, Moline, Ill. Harvester. 2,377,805; June 5.
Oehler, Alvin W., and D. L. Adams, assignors to Deere & Company, Moline, Ill. Hitch device. 2,377,806; June 5.
Oehrli, John W., State College, Pa. Beam compass. 2,385,723; Sept. 25.
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,371,108; Mar. 6.
Oerman, Orey W., assignor to Deere & Company, Moline, Ill. Two-way plow. 2,385,935; Oct. 2.
Oestreicher, Sol, and E. C. Brekelbaum, assignors to Harnischfeger Corporation, Milwaukee, Wis. Arc-time recorder. 2,366,548; Jan. 2.
Oetzel, John G.: *See*—
Born, F. G., and Oetzel.
Oetzel, John G., Beloit, assignor to Warner Electric Brake Manufacturing Company, South Beloit, Wis. Brake mechanism. Re. 22,598; Feb. 6.
Oetzel, John G., Beloit, Wis., assignor to Warner Electric Brake Manufacturing Company, South Beloit, Ill. Brake. 2,378,943; June 23.
Offner, Abe, Brooklyn, assignor to J. A. Maurer, Inc., New York, N. Y. Sound film printing optical system. 2,381,980; Aug. 14.
Offutt, Claggett, Los Angeles, Calif. Rivet ejector. 2,390,318; Dec. 4.
Ofner, Alfred, and E. C. Kunz, Montclair, N. J., assignors to B. T. Bush, Inc., New York, N. Y. Making synthetic menthol. 2,366,749; Jan. 9.
Oftedahl, Everett J.: *See*—
Oftedahl, John and E. J.
Oftedahl, John and E. J., Forest Park, Ill. Tape sealer. 2,368,262; Jan. 30.
Ogden, Albert S.: *See*—
Schlieben, E. W., Ogden, and Berler.
Ogden, Arthur N.: *See*—
Bandur, Adolph F., Dillinger, and Ogden.
Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Electric motor control system. 2,378,785; June 19.
Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Electric motor control system. 2,383,813; Aug. 28.
Ogden, William F., assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Electric heating system. 2,368,488; Jan. 30.
Ogg, George P., Springfield, Ohio. Rear mount for fixed machine guns. 2,383,985; Sept. 4.
Ogg, Leon L., Creston, Iowa. Reinking machine for typewriter ribbons. 2,390,612; Dec. 11.
Ogilvie, James, Buffalo, and R. S. Wilder, Hamburg, assignors to Allied Chemical & Dye Corporation, New York, N. Y. Preparation of naphthalic acids. 2,379,032; June 26.
Ogilvie, James, Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Bromination of 2,6-nitro chlor toluene. 2,387,341; Oct. 23.
Ogle, Frank L., Liverpool, England, assignor to Imperial Chemical Industries Limited. Marine flare. 2,385,376; Sept. 25.
Ogle, James C., Jr., and A. R. Weinrich, Brackenridge, Pa., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Coating surfaces with quartz. 2,386,876; Oct. 16.
Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Making coated abrasives. 2,375,813; May 15.
Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,375,814; May 15.
Ogorzaly, Henry J.: *See*—
Carlsmith, L. E., and Ogorzaly.
Ogorzaly, Henry J., Baton Rouge, La., assignor to Standard Oil Development Company. Continuous isomerization process. 2,388,932; Nov. 13.
Ogorzaly, Henry J., Summit, N. J., assignor to Standard Oil Development Company. Petroleum conversion process. 2,391,336; Dec. 18.
Ogston, Alexander R.: *See*—
West, H. L., and Ogston.
O'Hagan, Charles P., Arlington Heights, Ill. Water heater and the like. 2,374,231; Apr. 24.
O'Hara, John G., Margate, N. J. Sleeping bag and the like for infants. 2,374,299; Apr. 24.
O'Hare, George W., Bellflower, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Combined ammunition magazine and feed means. 2,375,437; May 8.
O'Hare, Martin: *See*—
Johnson, H. O., and O'Hare.
O'Hearn, George E., Gardner, Mass. Article of furniture. 2,389,994; Nov. 27.
O'Hern, Mildred A., Chicago, Ill. Pantie. 2,391,641; Dec. 25.
Ohio Boxboard Company, The: *See*—
Morris, James C., assignor.
Ohio Brass Company, The: *See*—
Dees, Alfred F., assignor.
Larsson, Ernst A., assignor.
Lewis, Warren J., assignor.
Matthes, Samuel S., assignor.
Mead, George A., assignor.
Smith, Edward P., assignor.
Vajda, Arthur, assignor.
Ohio Carbon Company, The: *See*—
Stoffel, Lester L., assignor.
Stoffel, L. L., and Stark, assignors.
Ohio Citizens Trust Company, The, trustee: *See*—
Replogle, Daniel B., assignor.
Ohio Crankshaft Company, The: *See*—
Denneen, F. S., and Dunn, assignors.
Ohio Cultivator Co., The: *See*—
Englund, Ernst E., assignor.
Ohio Foundry & Manufacturing Company, The: *See*—
Sharpe, William L., assignor.
Ohio Injector Company, The: *See*—
Doster, Howard G., assignor.
Hanlon, R. H., and Farnsworth, assignors.
Ohio Pattern Works and Foundry Company, The: *See*—
Payne, Amos O., assignor.
Ohio State University Research Foundation, The: *See*—
Gaver, Kenneth M., assignor.
Marco, Salvatore M., assignor.
Ohio Steel Foundry Company, The: *See*—
Walcher, Edwin A., assignor.
Ohio Stove Company, The: *See*—
Burke, W. A., and Frese, H. J. and W. O., assignors.
Ohio Thermometer Company, The: *See*—
Hunt, George D., assignor.
Ohio Wax Paper Company: *See*—
Palmer, Edward, assignor.
Ohl, Clyde A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Seal construction. 2,374,887; May 1.
Ohl, Howard J.: *See*—
Middleton, Gordon H., assignor.
Ohl, Klemens, Stockdorf, near Munich, Germany; vested in the Alien Property Custodian. Cathode ray tube. 2,375,815; May 15.
Ohl, Russell S., Little Silver, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Detector system for very short electric waves. 2,378,944; June 26.
Ohlmann, Edward O., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Inhibitor for carbon tetrachloride. 2,387,284; Oct. 23.
Ohno, Richard J., North Branford, assignor to Sargent & Company, New Haven, Conn. Padlock. 2,370,991; Mar. 6.
Oil Devices: *See*—
Breese, J. L., and Hayter, assignors.
Breese, J. L., Hayter, and Huston, assignors.
Hayter, Bruce, assignor.
Huston, Milton D., assignor.
Perry, Stanley, assignor.
Perry, S., and Huston, assignors.
Oil Distribution Appliances Limited: *See*—
Elliott, Peter M., assignor.
Oil and Gas Research, Inc.: *See*—
Wilcox, William D., assignor.
Oilgear Company, The: *See*—
Davis, Richard E., assignor.
Ferris, Walter, assignor.
Grad, Adolf R., assignor.
Tyler, Ransom, assignor.

Oil Well Supply Company: *See*—
Maier, August R., assignor.
Oishei, John R., Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Gauge. 2,378,156; June 12.
Okita, Tadao, Imazucho, Nishinomiya, Japan: vested in the Alien Property Custodian. Rubber-like materials from dihydroxylalkyl sulphides. 2,378,576; June 10.
Okolicsanyi, Ferenc, Wells, England, assignor to Scophony Corporation of America, New York, N. Y. Television receiver. 2,371,643; Mar. 20.
Okonite-Callender Cable Company, The: *See*—
White, Francis J., assignor.
Okonite-Callender Cable Company, Incorporated, The: *See*—
Bennett, Charles E., assignor.
Bennett, C. E., and White, assignors.
Olaer Patent Company: *See*—
Duval, Jean G. L., assignor.
Olah, George, assignor to Precision Developments Company Limited, London, England. Electric follow-up mechanism. 2,387,174; Oct. 16.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,369,793; Feb. 20.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,381,135; Aug. 7.
Olchvary, Alexander, Jr., New Brunswick, N. J. Tool chuck. 2,369,751; Feb. 20.
Old Fashion Ma's Root Beer Bottling Company: *See*—
Rothstein, Barney, assignor.
Oldfield, Lee, assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Speed varying gearing. 2,378,577; June 19.
Oldham, Edgar: *See*—
Oldham, Wesley B., and E.
Oldham, Gordon V., et al.: *See*—
Blaes, Edward G., assignor.
Oldham, Wesley B. and E.; said W. B. Oldham assignor of one-third of the whole right to G. H. Bond, Duncan, Okla. Peanut harvesting machine. 2,372,847; Apr. 3.
Oldham, Wilbur N., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Textile finishing and composition therefor. 2,378,724; June 19.
Oldofredi, Edgar C. V., New York, N. Y. Producing decorated material. 2,370,186; Feb. 27.
Oldreive, Percy N., assignor of one-third to H. L. Pearson, Liphook, England. Shuttering for use in building structures of concrete or like material. 2,374,300; Apr. 24.
Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Floor furnace. 2,387,939: Oct. 30.
O'Leary, Charles M., Houston, Tex. Bottom hole intermitter. 2,368,999; Feb. 6.
O'Leary, Russell, Wheeling, W. Va. Automatic blanking press device. 2,377,262; May 29.
Olgiati, Mario A., Detroit, Mich. Breadmaking machine. 2,382,657; Aug. 14.
Olin Industries, Inc.: *See*—
Blais, Emilien, assignor.
Fleischer, Arthur, assignor.
Hanes, Merle H., assignor.
Seavey, Frederick R., assignor.
Sefried, Harry H., II, assignor.
Silk, Charles L., assignor.
Williams, David M., assignor.
Wilson, G. P., and Hartshorne, assignors.
Olin, John F.: *See*—
Schwoegler, E. J., and Olin.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of biuret. 2,370,065; Feb. 20.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Purification of amine reaction mixtures. 2,377,511; June 5.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of synthetic elastomers. 2,378,030; June 12.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Separation of trimethyl amine and ammonia from amination reaction mixtures. 2,388,217; Oct. 30.
Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of nitriles. 2,388,218; Oct. 30.
Olin, John F., Grosse Ile, and J. F. McKenna, Wyandotte, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines by vapor phase amination of aldehydes. 2,367,366; Jan. 16.
Olin, John F., Grosse Ile, and E. J. Schwoegler, Wyandotte, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of amines. 2,373,705; Apr. 17.
Oliphant, Willard E., New York, N. Y. Vector resolving integrator. 2,390,613; Dec. 11.
Oliver Corporation, The: *See*—
Gemberling, Cameron H., assignor.
Hahn, Herman J., assignor.
Kingsbury, Leon V., assignor.
Oliver, Donald A., assignor to William Jessop & Sons Limited, Sheffield, England. Manufacture of ferromagnetic material. 2,381,363; Aug. 7.
Oliver, George F. N., assignor to Oliver Pell Control Limited, Woolwich, London, England. Adjustable bracket. 2,391,795; Dec. 25.
Oliver, Herbert F., West Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Flexible coupling. 2,387,705; Oct. 23.
Oliver Iron Mining Company: *See*—
Hart, H. T., Barber, and Burbeck, assignors.
Jones, William, assignor.
Oliver, Lee, Milford, assignor to The Connecticut Web and Buckle Company, Bridgeport, Conn. Clasp. 2,382,658; Aug. 14.
Oliver Machinery Company: *See*—
Tuthill, H. B., and Caldwell, assignors.
Oliver Pell Control Limited: *See*—
Oliver, George F. N., assignor.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,367,604; Jan. 16.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Drain valve apparatus. 2,367,605; Jan. 16.
Oliver, Robert M., Reno, Nev., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,374,036; Apr. 17.
Oliver, Thomas C., Jackson Heights, N. Y., and R. D. Long and L. H. Crosson, Charlotte, N. C., assignors to Charlotte Chemical Laboratories, Inc. Producing ferrous chloride. 2,374,453; Apr. 24.
Oliver, Thomas C., Jackson Heights, N. Y., R. D. Long, Charlotte, N. C., and L. H. Crosson, Arlington, Va., assignors to Charlotte Chemical Laboratories, Inc. Production of iron oxide. 2,374,454; Apr. 24.
Oliver United Felters Incorporated: *See*—
Herbert, Elmer H., assignor.
Oliver United Filters Incorporated: *See*—
Stanley, Carroll M., assignor.
Oliver, Wallace F., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Door and sealing means therefor. 2,376,449; May 22.
Oliver, Wilbur C., Los Angeles, Calif., assignor to George M. and Earl Holley. Vapor separator. 2,379,590; July 3.
Olivera, Ramón A., San Juan, Puerto Rico. Ruling pen. 2,367,471; Jan. 16.
Olken, Hyman, Washington, D. C. Method and apparatus for moisture measurement of materials. 2,373,846; Apr. 17.
Olken, Hyman, Washington, D. C. Space discharge device. 2,376,882; May 29.
Ollendorff, Ulrich, New York, N. Y. Tonometer. 2,366,645; Jan. 2.
Ollivier, Robert, New York, N. Y. Fastening device for wearing apparel, draperies, and the like. 2,366,549; Jan. 2.
Ollmann, Fred A., Gresham, Wis. Quick adjustable wrench. 2,378,241; June 12.
Olm, George: *See*—
Cattonar, J., and Olm.
Olney, Nathaniel M., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Trimming apparatus. 2,374,301; Apr. 24.
Olney, Nathaniel M., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,374,376; Apr. 24.
Olney, Nathaniel M., assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming machine. 2,389,738; Nov. 27.
Olpin, Henry C.: *See*—
Stanley, E., Argyle, and Olpin.
Olpin, Henry C., and C. S. Argyle, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing of cellulose derivatives with nitro dyes. 2,368,723; Feb. 6.
Olsen, Aksel G., and E. R. Fehlberg, Battle Creek, Mich., assignors to General Foods Corporation, New York, N. Y. Pectin preparation. 2,369,846; Feb. 20.
Olsen, Aksel G., Summit, and E. Seltzer, Teaneck, N. J., assignors to General Foods Corporation, New York, N. Y. Preparation of flavoring materials. 2,369,847; Feb. 20.
Olsen, Anders C., Forest Hills, N. Y. Shingle fastening device. 2,368,867; Feb. 6.
Olsen, Anders C., Forest Hills, N. Y. Plaster partition construction. 2,387,342; Oct. 23.
Olsen, Burton A., assignor to California Cotton Mills Company, Oakland, Calif. Mop construction. 2,376,450; May 22.
Olsen, Burton A., E. T. Combs, and J. H. Nelson, assignors to California Cotton Mills Company, Oakland, Calif. Roofer's mop. 2,389,322; Nov. 20.
Olsen, Carl A., and A. J. Germain, Haverhill, Mass. Finishing edges of leather and the like goods. 2,372,336; Mar. 27.
Olsen, Christian E., Washburn, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Trinitrotoluene. 2,380,247; July 10.
Olsen, Eugene F.: *See*—
Gelbman, L., Olsen, and Mays.
Olsen, Henry M., Minneapolis, Minn. Controlling mechanism for dispensing machines. 2,370,873; Mar. 6.
Olsen, Joseph O., assignor to Barnes Drill Co., Rockford, Ill. Machine tool. 2,374,774; May 1.

Olsen, Louis R., assignor to Erie Meter Systems, Inc., Erie, Pa. Visual fluid flow indicator. 2,387,805; Oct. 30.
Olsen, Marvin R.: *See*—
Packer, C. S., and Olsen.
Olsen, Oscar E.: *See*—
Acken, M. F., and Olsen.
Olsen, Ronald W., Bloomfield, N. J., assignor to General Electric Company. Fluid flow control. 2,388,073; Oct. 30.
Olsen, Victor B., Everett, Mass. Thermodynamic conversion in compression-ignition engines. 2,368,423; Jan. 30.
Olsen, Walter E., Riverhead, N. Y., assignor to Radio Corporation of America. Receiving system. 2,373,495; Apr. 10.
Olsen, Walter H., Providence, R. I. Educational map. 2,373,258; Apr. 10.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Assembled screw and lock washer. 2,366,869; Jan. 9.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Die. 2.371,463; Mar. 13.
Olson, Charles E., Bridgeport, Conn. Padlock. 2,375,488; May 8.
Olson, Charles S., Gulfport, Miss., assignor to Toy Kraft, Inc. Wheeled figure toy. 2,374,888; May 1.
Olson, Charles S., Gulfport, Miss. Wheeled figure toy. 2,382,091; Aug. 4.
Olson, Elden H.: *See*—
Lundquist, W. G., and Olson.
Olson, Elmer, Detroit, Mich., assignor to G. M. and E. Holley. Governor. 2,367,606; Jan. 16.
Olson, Elmer, Ferndale, Mich., assignor to G. M. and E. Holley. Spark advance device. 2,384,693; Sept. 11.
Olson, Elmer, Ferndale, Mich., assignor to G. M. and E. Holley. Decelerator. 2,386,340; Oct. 9.
Olson, Elmer, Ferndale, and B. Beard and S. M. Udale, Detroit, Mich., assignors to G. M. and E. Holley. Decelerator. 2,378,319; June 12.
Olson, Elmer, Ferndale, and S. M. Udale, Detroit, Mich., assignors to G. M. and E. Holley. Ignition device. 2,384,692; Sept. 11.
Olson, Frank G., Chicago, Ill. Pneumatic pickup device. 2.384,334; Sept. 4.
Olson, Harry F., Princeton, N. J., assignor to Radio Corporation of America. Acoustic stethoscope. 2,389,868; Nov. 27.
Olson, Harry F., Haddon Heights, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2.390,847; Dec. 11.
Olson, Holly M., assignor to Sealed Power Corporation, Muskegon, Mich. Ring casting dividing machine. 2,373,907; Apr. 17.
Olson, John, Detroit, Mich. Toggled clamping device. 2.386,567; Oct. 9.
Olson, Malven L.: *See*—
Baker, C. H., and Olson.
Olson, Phillip W., Chicago, Ill. Cylinder lock. 2,375,682; May 8.
Olson, Raymond E., Pittsford, assignor to Taylor Instrument Companies, Rochester, N. Y. Drier control system. 2,366,801; Jan. 9.
Olson, Robert V., Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Section warp beam, spool, or reel. 2,370,066; Feb. 20.
Olson, Robert W.: *See*—
Shook, E. M., and Olson.
Olson, Roy C., Duluth, Minn. Toy. 2,385,724; Sept. 25.
Olson, Theodore A., Pompton Plains, and J. Klopak, Newark, N. J., assignors to General Motors Corporation, Detroit, Mich. Gauging. 2,389,535; Nov. 20.
Olson, Vernon F., Long Beach, Calif. Toilet paper roll holder. 2,382,659; Aug. 14.
Olson, Waldemar N., Brookfield, Ill., assignor to Reynolds Electric Co., Chicago, Ill. Electric circuit. 2,380,865; July 31.
Olson, William M., assignor to N. F. Harnly, Chicago, Ill. Making weatherstrip. 2,367,367; Jan. 16.
Olson, Willie A., Port Angeles, Wash. Cigarette holder. 2,385,227; Sept. 18.
Olsson, Carl, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine trimming and knurling mechanism. 2,366,211; Jan. 2.
Olsson, Carl, assignor to The United States Bedding Company, St. Paul, Minn. Tape cutting machine. 2,379,033; June 26.
Olsson, John, Stockholm, and N. E. Lundin, Mölle, Sweden. Device for automatic braking in lowering of objects, such as boat tackles. 2,386,137; Oct. 2.
Olsson, Olov J. E., assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Machine for grinding and turning brake drums. 2,367,137; Jan. 9.
Olsson, Olov J. E., assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Machine for bending articles. 2,371,464; Mar. 13.
Olsson, Olov J. E., assignor to Storm Manufacturing Company, Inc., Minneapolis, Minn. Work driver. 2,371,465; Mar. 13.
Olsson, Oscar K. J.: *See*—
Vigren, S. D., Broberg, and Olsson.
Olswang, Michael: *See*—
Schulman, H. H., and Olswang.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 2,371,257; Mar. 13.
Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric toaster. 2,383,673; Aug. 28.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Universal coupling. 2,372,289; Mar. 27.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Universal coupling. 2,375,030; May 1.
O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Universal coupling. 2,386,630; Oct. 9.
Omansky, Morris, Brookline, Mass., assignor, by mesne assignments, to Jefferson Electric Company, Bellwood, Ill. Insulating electrical apparatus. 2,385,460; Sept. 25.
Omansky, Morris, Brookline, Mass., assignor, by mesne assignments, to Victor Chemical Works, Chicago, Ill. Rubber lubricating and plasticizing composition. 2,388,618; Nov. 6.
Omdalen, Clarence E., Minneapolis, Minn. Milking apparatus. 2.376,717; May 22.
O'Mealey, John W., Larchmont, N. Y. Safety razor. 2,383,882; Aug. 28.
O'Neal, Grady M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Conditioning phthalocyanine dyestuffs to pigmentary form. 2,367,519; Jan. 16.
O'Neil, Carlton J.: *See*—
Cummins, A. B., and O'Neil.
O'Neil, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Paper container structure and end closure thereor. 2,391,337; Dec. 18.
O'Neil, James V.: *See*—
Chase, P. H., and O'Neil.
O'Neil, William M., Akron, Ohio. Aircraft control. 2,378,242; June 12.
O'Neill, Arthur P., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Safety device. 2,373,332; Apr. 10.
O'Neill, Leo M., Evanston, Ill. Drier and method of drying. 2,369,366; Feb. 13.
O'Neill Patents Limited: *See*—
Kinker, Clarence C., assignor.
Onions, John H.: *See*—
Thornhill, Peter W., assignor.
Thornhill, P. W., and Onions.
Onofrio, Carmeno A., assignor of one-half to R. Orino, Gorham, N. H., and one-eighth to J. Orino, Rumford, Maine. Material loading device. 2,388,436; Oct. 6.
Onos, Abraham, Hawthorne, N. J. Mailbox. 2,382,092; Aug. 14.
Onsrud Machine Works, Inc.: *See*—
Groen, Willem, assignor.
Onsrud, Rudolph F., assignor.
Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Centrifugal thrust loader. 2,379,099; June 26.
Ontario Manufacturing Company: *See*—
Moon, Charles R., assignor.
Opel, Lawrence G.: *See*—
Harding, W. R., and Opel.
Operadio Manufacturing Co.: *See*—
Lucas, Mildred F., assignor.
Opferman, Laurene P.: *See*—
Fox, S. H., and Opferman.
Opgenorth, John E., Oakland, Calif. Electrode holder. 2.372,113; Mar. 20.
Opitz, William H., Palos Heights, Ill., assignor to General Motors Corporation, Detroit, Mich. Flexible coupling. 2,380,672; July 31.
Oplinger, Kirk A., Verona, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit-controlling apparatus. 2,390,809; Dec. 11.
Opp, Carl, Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Resin plasticizer. 2,385,377; Sept. 25.
Oppenauer, Rupert, Amsterdam, Netherlands; vested in the Alien Property Custodian. Oxidising unsaturated polycyclic alcohols. 2,384,335; Sept. 4.
Oppenheimer, Heinz E., Great Neck, N. Y. Indexing means. 2,369,173; Feb. 13.
Oppermann, Kurt W., Riverhead, N. Y., assignor to Radio Corporation of America. Electrostatic device. 2.373,140; Apr. 10.
Oquendo, Alberto C.: *See*—
Diaz, Manuel D., assignor.
Diaz y Diaz, Manuel, assignor.
Orban, Jane L., administratrix: *See*—
Lipton, Sarah.
Orchard Paper Company: *See*—
Pauli, Theodore C., assignor.
Orchin, Milton, Pittsburgh, Pa., and L. W. Butz, Beltsville, Md., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Composition of matter. 2,379,494; July 3.
Ording, Dagbert, and L. S. Vallely, Houston, Tex. Tower. 2.374.889; May 1.
Ordnance Instrument Corporation: *See*—
Grier, John A., assignor.
Orefraction Incorporated: *See*—
Wiegand, Edwin L., assignor.

O'Reilley, Josephine, Kingston, N. Y. Sleeping bag and jacket. 2,376,617; May 22.
O'Reilly, James T.: *See*—
Richards, A. B., and Mickey, and O'Reilly.
Richards, A. B., and O'Reilly.
O'Reilly, Joe, Tacoma, Wash. Welder's helmet. 2,384,765; Sept. 11.
O'Reilly, John J.: *See*—
Gilbreath, Frederick E., assignor.
Orelind, John R.: *See*—
Johnson, A. E. W., Orelind, and Smith.
Orelined, John R., Wilmette, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,371,839; Mar. 20.
Orelind, John R., Wilmette, and A. G. Evans, Canton, Ill., assignors to International Harvester Company. Agricultural implement. 2,368,156; Jan. 30.
Orelup, John W., Short Hills, N. J. Fatty acid esters having amphoteric properties. 2,388,281; Nov. 6.
Orem, Henry P.: *See*—
King, V. L., and Orem.
Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Vegetable cart and loader. 2,383,412; Aug. 21.
Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Planter. 2,383,413; Aug. 21.
Originalities, et al.: *See*—
Pitar, Adolph, assignor.
Orino, John, et al.: *See*—
Onofrio, Carmeno A., assignor.
Orkfritz, Albert C., Los Angeles, Calif. Electric broiling device. 2,374,302; Apr. 24.
Orlando, Jeano: *See*—
Trittin, J. C., and Orlando.
Orlen, F. Goudy: *See*—
Hughes, Hugh T., assignor.
Orlich, Peter, and H. Hartz, Kiel, Germany; vested in the Alien Property Custodian. Echo-sounding device with arrested indicators. 2,384,766; Sept. 11.
Orloff, Angel, Chicago, Ill. Gasoline turbine. 2,386,497; Oct. 9.
Orloff, George H., Roselle, N. J. Method of disassembly. 2,373,141; Apr. 10.
Orme, Grant L., C. R. Jones, and A. L. Fletcher, Eugene, Oreg. Rigging hook. 2,387,675; Oct. 23.
Ormerod, George A., assignor of three-fourths to A. Smith, G. H. Robinson, and D. M. Robinson, Liverpool, England. Gas meter. 2,367,735; Jan. 23.
Ornstein, Georg, New York, N. Y. Apparatus for supplying a treating medium. 2,376,178; May 15.
Ornstein, Georg, New York, N. Y. Apparatus for applying treating mediums. 2,387,406; Oct. 23.
Oroshnik, William: *See*—
Tisza, E. T., Duesel, and Oroshnik.
Orphan, George, Ottawa, Ill. Stoker signal. 2,376,079; May 15.
Orr, Claude L., H. A. Moeller, and J. C. Settles, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Railway truck and railway braking system. 2,371,182; Mar. 13.
Orr, Claude L., and H. W. Stertzbach, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Support for brake rigging. 2,384,129; Sept. 4.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Multiengine drive. 2,366,646; Jan. 2.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,368,868; Feb. 6.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Power transmission mechanism. 2,369,976; Feb. 20.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,372,733; Apr. 3.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,372,734; Apr. 3.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,375,031; May 1.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,375,816; May 15.
Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Multiple clutch assembly. 2,382,438; Aug. 14.
Orr, Robert St., J., San Francisco, Calif. Backfire torch. 2,376,976; May 29.
Orr, Thomas F., St. Louis, Mo., and L. S. Curtin, Belmont, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine and thread controlling device. 2,384,488; Sept. 11.
Orr, Willis P., Houston, Tex., assignor to Standard Oil Development Company. Side wall sample taking apparatus. 2,389,208; Nov. 20.
Orrill, George R.: *See*—
Eustis, W., and Orrill.
Orrington, Floyd T., assignor of one-half to P. Shaiman Chicago, Ill. Air-cooled smoking pipe. 2,373,592; Apr. 10.
Orser, William D.: *See*—
Eagle, J. H., Dirksen, and Orser.

Orshansky, Elias, Jr., Cleveland Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Booster unit. 2,376,804; May 22.
Orshansky, Elias, Jr., Cleveland Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Steering control mechanism for vehicles. 2,391,735; Dec. 25.
Orsino, Joseph A.: *See*—
Williams, F. J., and Orsino.
Orsino, Joseph A., Westfield, N. J., and C. Harmon, Wausau, Wis.; said Orsino assignor to National Lead Company, New York, N. Y., and said Harmon assignor to Marathon Corporation. Lignin sulphonic acid compounds in storage battery plates. 2,371,137; Mar. 13.
Orskog, Michael, Elmwood Park, Ill. Saw filing device. 2,383,151; Aug. 21.
Orthner, Ludwig, W. Luce, and G. Wagner, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Imine condensation process. 2,390,165; Dec. 4.
Ortho Products, Inc.: *See*—
Dawson, Fred ., assignor.
Ortner, Gerald S.: *See*—
Lepsoe, R., Ortner, and Salter.
Ortner, Joseph L.: *See*—
Prentice, Allan L., assignor.
Ortolano, Frank T., New Orleans, La., assignor to Rheem Manufacturing Company, Richmond, Calif. Printing process. 2,368,157; Jan. 30.
Orton, Edward, Jr., Ceramic Foundation, The: *See*—
Bole, G. A., Shaw, and Co Van, assignors.
Osann, Frederick, et al.: *See*—
Albertson, Benjamin S., Jr., assignor.
Osbon, William O.: *See*—
Hanna, C. R., and Osbon.
Osborn, Alden E., Mount Vernon, N. Y. Internal-combustion engine. 2,383,883; Aug. 28.
Osborn, Alden E., Mount Vernon, N. Y. Airplane control mechanism. 2,386,709; Oct. 9.
Osborn, Charles L., Cheyenne, Wyo. Windshield wiper. 2,367,307; Jan. 16.
Osborn, George E., Spokane, Wash. Crutch. 2,373,045; Apr. 3.
Osborn, Henry C. Jr., Cleveland Heights, assignor to Glascote Products, Inc., Cleveland, Ohio. Pressure relief valve. 2,373,046; Apr. 3.
Osborn Manufacturing Company, The: *See*—
Peterson, Ruben O., assignor.
Osborn, Ralph C.: *See*—
Gerber, D. C., and Osborn.
Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,366,550; Jan. 2.
Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,379,316; June 26.
Osborne, Alfred, Pittsburgh, Pa. Sheet metal lagging tool. 2,380,781; July 31.
Osborne, Andrew G., New Kensington, and T. M. Hill, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. Coated foil closure. 2,373,847; Apr. 17.
Osborne, Clare A., Toronto, Ontario, Canada. Manufacture of a pigment paste from the water pulp color. 2,378,786; June 19.
Osborne, Fred H.: *See*—
Hayslett, L. E., and Osborne.
Von Stoeser, W., and Osborne.
Osborne, Lester C., Fall River, Mass., and F. E. Hoffman, New York, N. Y. Mophead. 2,368,037; Jan. 23.
Osborne, Raymond S., Sewickley, Pa. Riveting apparatus. 2,377,032; May 29.
Osborn, Robert H., assignor to Hercules Powder Company, Wilmington, Del. Color grading apparatus and method. 2,382,439; Aug. 14.
Osborne, Sidney G., St. Davids, Ontario, Canada, assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of sodium bicarbonate. 2,383,674; Aug. 28.
Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,374,303; Apr. 24.
Oscar, George R.: *See*—
Austin, J. R., Smith, and Oscar.
Osgood, Charles F., Jr.: *See*—
Watt, B. L., and Osgood.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,387,285; Oct. 23.
Osgood Company, The: *See*—
McLean, L. O., and White, assignors.
White, Fred L., assignor.
Osgood, Harry W., Jr., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Conditioning and finishing absorbent webs. 2,370,811; Mar. 6.
Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Pressing machine for ends of boxes and covers. 2,381,364; Aug. 7.
Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Method of and apparatus for coating strips. 2,388,494; Nov. 6.
O'Shei, William E., London, England. Fluid pressure motor. 2,378,320; June 12.
Oskow, Louis, New York, N. Y. Peeling device. 2,375,489; May 8.
Oskow, Louis, New York, N. Y. Garment hanger. 2,378,578; June 19.

Osplack, Joseph J., assignor to Vinco Corporation, Detroit, Mich. Indexing fixture for machine tools. 2,386,880; Oct. 16.
Osteen, Richard T., Greenville, S. C., assignor to Walker Manufacturing Company, Incorporated, Philadelphia, Pa. Heddle frame support. 2,383,271; Aug. 21.
Osterberg, Harold, assignor to Spencer Lens Company, Buffalo, N. Y. Decreasing light reflection from surfaces. 2,366,687; Jan. 2.
Ostergaard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Apparatus for continuous conversion of hydrocarbons. 2,388,642; Nov. 6.
Ostergren, Ralph H., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Strain gauge and producing it. 2,386,879; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater. 2,367,368; Jan. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater. 2,367,369; Jan. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,367,370; Jan. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Encased electric heating unit and making same. 2,368,771; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater. 2,368,772; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,368,773; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,368,774; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,368,869; Feb. 6.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system and thermal retarder therefor. 2,371,258; Mar. 13.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system with thermal retarder. 2,373,196; Apr. 10.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system and thermal retarder therefor. 2,375,379; May 8.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,375,380; May 8.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater system. 2,377,440; June 5.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,377,441; June 5.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,382,575; Aug. 14.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Co., Elgin, Ill. Snap-acting switch. 2,383,414; Aug. 21.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,383,675; Aug. 28.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,175; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,176; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,177; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Tank heater control system. 2,387,178; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heater control system. 2,387,179; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Electric tank heater control system. 2,387,180; Oct. 16.
Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Thermal retarder switch unit. 2,388,564; Nov. 6.
Osterhof, Arthur L., Newark, assignor to Hercules Powder Company, Wilmington, Del. Tall oil component separation. 2,372,446; Mar. 27.
Osterhof, Harold J.: *See*—
Borders, A. M., Wolfe, Osterhof, and Walton.
Cheyney, La V. E., and Osterhof.
Osterhof, Harold J., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Stabilized cyclized rubber. 2,381,180; Aug. 7.
Osterhof, Harold J., Cuyahoga Falls, and La V. E. Cheyney, assignors to Wingfoot Corporation, Akron, Ohio. Package. 2,385,531; Sept. 25.
Osterholt, August M., Hoboken, N. J. Whistle. 2,388,495; Nov. 6.
Osterhoudt, Walter J., Houston, Tex. Vessel for submarine navigation. 2,377,442; June 5.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,366,647; Jan. 2.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,369,071; Feb. 6.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,373,908; Apr. 17.
Ostline, John E., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Printing business machine. 2,376,268; May 15.
Ostline, John E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,385,228; Sept. 18.
Ostling, Felix, Bristol, Tenn., assignor to Universal Moulded Products Corporation, Bristol, Va. Work-holding clamp 2,366,350; Jan. 2.
Ostrander, Clarence L., Miami, assignor of one-half to T. Trent, County of Dade, Fla. Closure hinge and operating device. 2,373,197; Apr. 10.
Ostrander, Dezell, New London, Conn. Hair curler. 2,369,752; Feb. 20.
Ostrander, Dezell, New London, Conn. General purpose implement. 2,370,414; Feb. 27.
Ostrander, Robert K., South Orange, N. J. Collapsible tube. 2,386,498; Oct. 9.
Ostrom, Martin, assignor to National Lock Company, Rockford, Ill. Latch. 2,380,543; July 31.
Oswald, Elmer C., and R. G. Lewis, assignors to Armour and Company, Chicago, Ill. Hams and preparation thereof. 2,391,338; Dec. 18.
Oswald, Joseph H., South Euclid, Ohio, assignor to W. J. Dennis & Company, Chicago, Ill. Panel structure and elements thereof. 2,372,792; Apr. 3.
Oswego Falls Corporation: *See*—
Price, J. E., and Wilcox, assignors.
Wilcox, I. L., and Horning, assignors.
Otis, Albert N., Schenectady, and G. W. Hegel, Scotia, N. Y., assignors to General Electric Company. Heat-treating furnace. 2,372,513; Mar. 27.
Otis, Carl W., Rockville Center, N. Y. Ornamental illuminating device. 2,383,941; Sept. 4.
Otis Elevator Company: *See*—
Lautrup, G. W., and Larson, assignors.
Lewis, Jacob D., assignor.
Lindquist, D. L., and Lewis, assignors.
Tilton, Russell G., assignor.
Otis, Herbert C.: *See*—
Laird, H. C., and Otis.
Otis, Herbert C., Dallas, Tex., Well device. 2,371,840; Mar. 20.
Otis, Herbert C., and J. C. Luccous, Dallas, Tex.; said Luccous assignor to said Otis. Well packer and apparatus for producing wells. 2,384,192; Sept. 4.
O'Toole, Francis D., Baltimore, Md. Automobile alarm. 2,369,977; Feb. 20.
O'Toole, Richard F., Scarsdale, and A. C. Parlini, Freeport, N. Y. Roasting coffee. 2,389,577; Nov. 20.
Ott, Conrad L., Detroit, Mich., assignor to Landis Tool Company, Waynesboro, Pa. Clamping fixture. 2,384,391; Sept. 4.
Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,373,706; Apr. 17.
Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Tall oil components separation. 2,389,986; July 10.
Ott, Ernest L.: *See*—
DeWitt, W. J., Ott, and Runk.
Ott, Herman S., Rosemead, and P. W. Coombs, Los Angeles, Calif. Annunciator system. 2,389,323; Nov. 20.
Ott, Howard F.: *See*—
Williams, F. C., Hanson, and Ott.
Ottinger, Leon: *See*—
Gage, Edward G., assignor.
Ottmer, Frederick W., Union City, N. J. Riveter's hand pad. 2,388,437; Nov. 6.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Regenerative coke oven. 2,376,718; May 22.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Coking expanding coal. 2,382,809; Aug. 14.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Charging coke ovens. 2,382,810; Aug. 14.
Otto, Carl, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Underfired coke oven fuel supply means. 2,388,438; Nov. 6.
Otto, Ferdinand P.: *See*—
Moran, R. C., Meyer, Otto, and Oberright.
Otto, Ferdinand P., and R. E. Meyer, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,383,497; Aug. 28.
Otto, Ferdinand P., and R. E. Meyer, Woodbury, and R. C. Moran, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral Oil Composition. 2,383,498; Aug. 28.
Otto, Ferdinand P., and O. M. Reiff, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Hard resins. 2,387,037; Oct. 16.

Otto, Ferdinand P., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Sulphurized cardanol ethers. 2,387,286; Oct. 23.
Otto, Harold M., Schenectady, N. Y., assignor to General Electric Company. Centrifugal type speed governing mechanism. 2,388,282; Nov. 6.
Otto, Joe J., Seattle, Wash. Portable hand-operated cutting device. 2,382,021; Aug. 14.
Ottoson, Carl C.: *See*—
Plumeau, J. S., and Ottoson.
Otzmann, Edward, Roselle Park, N. J. Tank. 2,378,945; June 26.
Oulsnam, Clarence E.: *See*—
Walker, G. D., Oulsman, and Krysa.
Outboard Marine & Manufacturing Company: *See*—
Ames, Arthur D., assignor.
Furry, John F., assignor.
Sidell, P. A., and Wellman, assignors.
Ovalle, Eduardo, Santiago, Chile. Tire for car wheels. 2,376,179; May 15.
Overall, E. C.: *See*—
Spivey, Frank L., assignor.
Overbeke, John W., assignor to Simmonds Aerocessories, Inc., New York, N. Y. Bladder stiffener. 2,380,866; July 31.
Overbeke, John W., assignor to Simmonds Aerocessories, Inc., New York, N. Y. Pressure vessel. 2,390,319; Dec. 4.
Overbeke, John W., assignor to Simmonds Aerocessories, Inc., New York, N. Y. Pressure vessel. 2,390,320; Dec. 4.
Overbey, Herman T., assignor of one-third to J. F. Martin and one-third to H. P. Taylor, Wadesboro, N. C. Stop motion for textile machines. 2,381,683; Aug. 7.
Overbey, Herman T., Wadesboro, N. C. Stop motion for textile machines. 2,381,684; Aug. 7.
Overland Candy Corporation: *See*—
Angell, Elvin D., assignor.
Overland, Leo D., assignor to Ice Cream Novelties, Inc., Brooklyn, N. Y. Stick holder. 2,377,364; June 5.
Overly Bio-Chemical Research Foundation, Inc., The: *See*—
Wallerstein, J. S., Alba, and Farber, assignors.
Overly, Charles F., East Cleveland, Ohio. Rotary power tool. 2,375,490; May 8.
Overly, Charles F., East Cleveland, Ohio. Rotary shaft coupling. 2,381,770; Aug. 7.
Overly, Elmer G., Oakmont, Pa. Rotary printing machine. 2,369,404; Feb. 13.
Overmyer, George J., Tulsa, Okla. Mail box. 2,370,682; Mar. 6.
Overson, Reed: *See*—
Holcomb, C. S., and Overson.
Overstrom, Gustave A., Los Angeles, Calif. Head motion for reciprocating conveying motions. 2,366,980; Jan. 9.
Overton, Glen, Dowagiac, Mich., assignor to Louisville Drying Machinery Company. Apparatus for dehydrating. 2,376,502; May 22.
Overton, Willis E., Baltimore, Md. Illuminated dial. 2,381,924; Aug. 14.
Ovitz, Frank K.: *See*—
Proell, W. A., and Ovitz.
Owen, David T., Cleveland Heights, assignor to H. G. Dimick, Cuyahoga Falls, Ohio. Spring unit for upholstered furniture, mattresses and cushions. 2,375,817; May 15.
Owen, Frank M., Houston, Tex. Oil burner. 2,369,367; Feb. 13.
Owen, James R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Supported catalysts and preparing same. 2,386,499; Oct. 9.
Owen, Nasser D., Albuquerque, N. Mex. Oil dilution system. 2,373,142; Apr. 10.
Owen, Robert G., Sherman Oaks, assignor to R. H. Clark, West Los Angeles, Calif. Receptacle. 2,389,385; Nov. 20.
Owen, W. Myron, et al.: *See*—
Wright, Marcus G., assignor.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Weighing and sorting apparatus. 2,368,321; Jan. 30.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegnehy County, Pa. Apparatus for bending glass. 2,370,575; Feb. 27.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double-acting glass cutter. 2,377,098; May 29.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Demountable cutter unit. 2,377,099; May 29.
Owen, Wm. Walter, executor: *See*—
Willis, Bernard D.
Owens, Calvin A., Los Angeles, Calif. Treatment of hydraulic cement compositions. 2,374,562; Apr. 24.
Owens-Corning Fiberglas Corporation: *See*—
Collins, Howard W., assignor.
Fletcher, Ed, assignor.
Fletcher, E., and Leedy, assignors.
Irvine, Jan S., and Clark, assignors.
Kleist, Dale, assignor.
Meyer, W. E., and (Roberts, assignor).
Modigliani, Piero, assignor.
Slayter, G., and Snow, assignors.
Slayter, James, assignor.
Staelin, Carl G., assignor.
Owens, Freeman H., New York, N. Y. Film magazine. 2,384,637; Sept. 11.
Owens, Freeman H., New York, N. Y. Program preselecting and control apparatus. 2,385,840; Oct. 2.
Owens, Grafton R., Dayton, Ohio, assignor to Monsanto Chemical Company. Preparation of pentaerythritol. 2,372,602; Mar. 27.
Owens-Illinois Glass Company: *See*—
Allen, Russell G., assignor.
Barnby, H. A. and Hohl assignors.
Belada, John, assignor.
Belada, J., and Hullhorst, assignors.
Benoit, Joseph P., assignor.
Chew, C., and Levis.
Fedorchak, William J., assignor.
Hohl, John, assignor.
Hohl, J., and Bjering, assignors.
Jackson, A. S., and Summers, assignors.
Louden, H. M., and McCreery, assignors.
Schellhaus, John P., Jr., assignor.
Schutz, Harold R., assignor.
Tracy, Parker C., assignor.
Wensel, P., Whisner, and Rugh, assignors.
Wright, J. W., assignor.
Owens, James H., Camden, N. J., assignor to Radio Corporation of America. Reflector. 2,387,038; Oct. 16.
Owens, Jesse C., Los Angeles, Calif. Toilet tank outlet fitting and elbow. 2,372,848; Apr. 3.
Owens, Jesse C., Los Angeles, Calif. Antisiphon ball cock valve. 2,382,500; Aug. 14.
Owens, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Housing for electric apparatus. 2,380,782; July 31.
Owens, Owen L., Minneapolis, Minn. Wagon dump. 2,373,848; Apr. 17.
Owings, Charles E., Cleveland, Ohio, assignor to General Electric Company. Mercury feeding apparatus. 2,374,304; Apr. 24.
Owner, Frank M.: *See*—
Feeden, A. H. R., Owner, Thomas, and Mansell.
Oxford-Tartak Radio Corporation: *See*—
Rusz, Leo M., assignor.
Oxhandler, Samuel: *See*—
Voight, H. G., and Oxhandler.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Adjustable cylinder lock mechanism. 2,381,136; Aug. 7.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Lock for airplane doors or the like. 2,381,512; Aug. 7.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Airplane door lock. 2,390,731; Dec. 11.
Oxhandler, Samuel, Flushing, N. Y., assignor to Sargent & Company, New Haven, Conn. Screen door latch. 2,391,736; Dec. 25.
Oxley, Peter: *See*—
Short, W. F., and Oxley.
Oxley, Thomas A., and F. Y. Henderson, Slough, England. Apparatus for sorting granular material according to its moisture content. 2,382,168; Aug. 14.
Oxygen Arc Equipment Co., Inc.: *See*—
Barbeck, Peter, assignor.
Oxzyn Company: *See*—
Peña, Rafael J., assignor.
Valentine, J. E., and Peña, assignors.
Oyler, Grace E., et al.: *See*—
Hoobler, Ernest S., assignor.
Oyler, Herbert J., Dallas, Tex., assignor to J. P. Seeburg Corporation, Chicago, Ill. Remote control for selective automatic phonographs. 2,378,653; June 19.
Oyler, Herbert J., Dallas, Tex., assignor to J. P. Seeburg Corporation, Chicago, Ill. Impulse transmitter. 2,382,501; Aug. 14.
Oyler, Russell J., et al.: *See*—
Hoobler, Ernest S., assignor.
Oyler, Ruth, et al.: *See*—
Hoobler, Ernest S., assignor.
Oyler, William E., et al.: *See*—
Hoobler, Ernest S., assignor.
Ozlek, Herman, Philadelphia, Pa. Joint for poles and the like. 2,389,811; Nov. 27.
Ozol, Rudolph J.: *See*—
Patterson, J. A., and Ozol.
P. I. V. Chain Gears Limited: *See*—
Abbott, Geoffrey J., assignor.
Paasche, Jens A., Chicago, Ill. Air brush. 2,370,486; Feb. 27.
Pabst, Arthur C.: *See*—
Shipp, V. L., Pabst, and Killingsworth.
Pabst, Arthur C., Douglaston, Long Island, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated. Leak sealing compound. 2,391,737; Dec. 25.
Pabst, Edwin L., Cincinnati, Ohio, assignor to Spring-Air Company, Holland, Mich. Mattress or the like. 2,373,047; Apr. 3.
Pabst, Walter W., Elizabeth, N. J. Conveyer mechanism. 2,390,895; Dec. 11.
Pace, John B.: *See*—
Parton, J. A., and Pace.
Pacific Can Company: *See*—
Bourland, Eli, assignor.
Peterson, William B., Jr., assignor.
Pacific Car and Foundry Company: *See*—
Chriswell, Frederick W., assignor.

Pacific Clay Products: *See*—
Pearne, F. Y., and Rossier, assignors.
Pacific Clay Products Company: *See*—
Benning, Wilbert O., assignor.
Pacific Coast Mortgage Company, et al.: *See*—
Shaffer, Cleve F., assignor.
Pacific Cooperative Poultry Producers: *See*—
Buckley, E. T., and Richmond, assignors.
Pacific Electric Manufacturing Corporation: *See*—
Foulds, Charles V., assignor.
Garrison, Charles L., assignor.
Gibbons, Richard F., assignor.
Pacific Flush Tank Company: *See*—
Beddoes, Hubert, assignor.
Langdon, Lawrence E., assignor.
Pacific Guano and Fertilizer Company, The: *See*—
Payne, John H., assignor.
Pacific Machinery Company: *See*—
Jepson, Percy, assignor.
Thompson, Albert R., assignor.
Pacific Mills: *See*—
Barnard, K. K., and Frankfurt, assignors.
Cobb, Frederick G., assignor.
Lambert, Harry, assignor.
Pacific National Bank of Seattle, The, executor: *See*—
Allen, Edmund T.
Pacific Olive Company: *See*—
Ball, Mildred S., assignor.
Package Machinery Company: *See*—
Smith, E. L., and Wetsel, assignors.
Smith, Elmer L., and Wetsel, assignors.
Packard Motor Car Company: *See*—
Bogardus, Leonard R., assignor.
Beltz, Lester L., assignor.
De Beaumont, Pierre S., assignor.
Findlater, Jack H., assignor.
Graves, William H., assignor.
Griswold, Walter R., assignor.
Hurley, Patrick J., assignor.
James, Edmond J. P., assignor.
McFarland, Forest R., assignor.
Paton, Clyde R., assignor.
Taylor, Ross E., assignor.
Vande Bunte, Donald L., assignor.
Vincent, Jesse G., assignor.
Warwick, Charles W., assignor.
Weiss, Erwin A., assignor.

Packer, Charles S., and Le R. O. Brown, assignors to Justrite Manufacturing Company, Chicago, Ill. Flashlight. 2,385,639; Sept. 25.

Packer, Charles S., Chicago, and M. R. Olsen, Glen Ellyn, assignors to Justrite Manufacturing Company, Chicago, Ill. Pen flashlight. 2,385,640; Sept. 25.

Packer, Oscar W., Reading, assignor to The Sanborn Company, Cambridge, Mass. Shaft aligning apparatus. 2,380,867; July 31.

Packer, Oscar W., Reading, assignor to The Sanborn Company, Cambridge, Mass. Polar coordinate oscilloscope. 2,389,995; Nov. 27.

Packie, John W., Green Village, and R. E. Bittner, Phillipsburg, N. J., assignors to Standard Oil Development Company. Apparatus for manufacture of high melting point bitumen. 2,366,551; Jan. 2.

Packie, John W., Green Village, and L. S. Gibbs, Cranford, N. J., assignors to Standard Oil Development Company. Fractionating apparatus. 2,374,950; May 1.

Packless Metal Products Corporation: *See*—
Guarnaschelli, Stephen, assignor.

Packwood, Heza H., Reserve, La. Grass catching apparatus. 2,390,321; Dec. 4.

Pacsu, Eugene, and J. W. Mullen, II, Princeton, N. J., assignors to Research Corporation, New York, N. Y. Preparing starch derivatives. 2,372,337; Mar. 27.

Paddle, Leslie H., Saint Paul's Cray, and B. Drake, Bromley, England. Frequency converter. 2,366,981; Jan. 9.

Paddock, Levi S.: *See*—
Eshbaugh, C. H., Mitchell, and Paddock.

Paddock, Ormond H., Rossford, assignor to to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glazing unit and mounting therefor. 2,378,031; June 12.

Paddock, Ormond H., Rossford, and J. L. Drake, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,369,368; Feb. 13.

Paden, Joseph H.: *See*—
Caldwell, W. F., Swain, and Paden.
Swain, R. C., and Paden.

Paganello, Salvatore, Brooklyn, N. Y. Eye mounting for dolls. 2,378,787; June 19.

Page, Albert E., assignor to Scott & Williams, Incorporated, Laconia, N. H. Terry reinforcement and making the same. 2,375,683; May 8.

Page, Albert E., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting. 2,383,986; Sept. 4.

Page, Albert E., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitted fabric. 2,384,392; Sept. 4.

Page, Albert E. and F. R., Laconia, assignors to Scott & Williams, Incorporated, Belknap, N. H. Knit fabric and making same. 2,387,768; Oct. 30.

Page, Albert E. and F. R., assignors to Scott & Williams, Incorporated, Laconia, N. H. Circular knitting machine and operating same. 2,387,769; Oct. 30.

Page, Charles L., Philadelphia, Pa. Sinker. 2,378,946; June 26.

Page, Charles L., Philadelphia, Pa. Knitting. 2,378,947; June 26.

Page, Ernest, Upminster, England, assignor to Ford Motor Company, Dearborn, Mich. Apparatus for facilitating the transport of aircraft. 2,391,503; Dec. 25.

Page, Ernest V., Portsmouth, N. H., assignor of one-half to H. V. Flanders, North Weare, N. H. Deep hole indicating appliance. 2,383,272; Aug. 21.

Page, Frank R.: *See*—
Page, Albert E. and F. R.

Page, Frank R., assignor to Scott & Williams, Incorporated, Laconia, N. H. Stocking and knitting the same. 2,375,684; May 8.

Page, Frank R., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine. 2,389,209; Nov. 20.

Page, George A., Jr., Creve Coeur, J. Jerger and R. Rugge, Ferguson, and P. R. Waton, Webster Groves, Mo., assignors to Curtiss-Wright Corporation. Combustion heater. 2,388,364; Nov. 6.

Page, Herbert E.: *See*—
Aaron, Harry, assignor.

Page, Herbert E., Pasadena, Calif. Hydraulic pressure-applying device. 2,386,568; Oct. 9.

Page, Herbert E., Pasadena, Calif. Hydraulic lift truck. 2,388,864; Nov. 13.

Page, Herbert E., Pasadena, Calif. Hydraulic arbor press. 2,391,187; Dec. 18.

Page, Herbert E., Alhambra, Calif. Hydraulic jack. 2,387,940; Oct. 30.

Page, James M., Jr., assignor to Standard Oil Company, Chicago, Ill. Combination powdered-granular catalyst hydrocarbon conversion. 2,377,512; June 5.

Page, James M., Jr., assignor to Standard Oil Company, Chicago, Ill. Combination powdered-granular catalyst hydrocarbon conversion system. 2,377,513; June 5.

Page, John, Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 2,369,000; Feb. 6.

Page, John, and L. T. J., Leicester, England. Darning machine. 2,385,936; Oct. 2.

Page, John H., Muskegon, Mich. Tooth powder and paste dispenser. 2,389,683; Nov. 27.

Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Fire-resisting cabinet. 2,390,732; Dec. 11.

Page, Leslie T. J.: *See*—
Page, John and L. T. J.

Page, Louis J., assignor to O. Page, Hollis, N. Y. Ophthalmic mounting. 2,376,977; May 29.

Page, Milton E., Jr.: *See*—
Johanson, Adolph T., assignor.

Page, Neal, Cleveland, Ohio. Laundry machine. 2,369,905; Feb. 20.

Page, Olive: *See*—
Page, Louis J., assignor.

Page, Ralph E.: *See*—
Ayres, W. A., and Page.

Page, Ralph E., West Orange, and H. S. Beattie, East Orange, N. J., assignors to International Business Machines Corporation, New York, N. Y. Card punching machine, 2,372,909; Apr. 3.

Page, Thomas L., Stamford, Conn. Cutter for sprouts or tree suckers. 2,376,002; May 15.

Pagendarm, John F., Oakland, Calif. Comminuting apparatus. 2,368,870; Feb. 6.

Pagendarm, John F., Oakland, Calif. Tool grinding machine. 2,387,463; Oct. 23.

Pagenkemper, Arthur H.: *See*—
Travilla, J. C., Jr., and Pagenkemper.

Paget, William W., Newark, N. J. Safety tank and fuel system for aircraft. Re. 22,668; Aug. 21.

Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Drill mechanism. 2,383,499; Aug. 28.

Pahl, Leo F.: *See*—
Stewart, R. J., and Pahl.

Paige, Richard E., New York, N. Y. Display poster. 2,376,180; May 15.

Paillard & Cie. S. A.: *See*—
Widmer, René, assignor.

Paillard, E., & Cie, S. A.: *See*—
Prezioso, Giuseppe, assignor.

Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Manual reset valve. 2,371,351; Mar. 13.

Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Thermoelectric control circuit. 2,383,676; Aug. 28.

Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Thermoelectric device. 2,385,530; Sept. 25.

Pain, Edwin F., assignor to Aero Supply Mfg. Co., Inc., Corry, Pa. Friction adjustment for levers. 2,382,330; Aug. 14.

Painter, Claude D., San Francisco, Calif. Bottle collar. 2,367,371; Jan. 16.

Painter, Rex H. G.: *See*—
Browne, D. B., and Painter.

Painter, Roy W., Detroit, Mich., assignor to Gerotor May Company, Baltimore, Md. Pump structure. 2,380,783; July 31.

Paist, Walter D.: *See*—
Horback, W., and Paist.
Paiste, Henry T., Jr., Villanova, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Ventilator. 2,373,496; Apr. 10.
Paiste, Henry T., Jr., Villanova, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Ventilator. 2,373,497; Apr. 10.
Pakkala, Matti H., Vandergrift, Pa. Electrical silicon steel. 2,378,321; June 12.
Pako Corporation: *See*—
Sardeson, Robert, assignor.
Palace Corporation: *See*—
Wait, Clyde F., assignor.
Pale, Paul, Wilkes-Barre, Pa. Trigger mechanism. 2,375,381; May 8.
Palestine Potash Ltd.: *See*—
Bloch, R., and Schnerb, assignors.
Paley, Lewis A., Bloomingdale, assignor to United States Gypsum Company, Chicago, Ill. Preparing gypsum casts. 2,366,673; Jan. 2.
Palfrey, Sydney J., Swanland, assignor to Blackburn Aircraft Limited, Brough, England. Aircraft gun mounting. 2,385,024; Sept. 18.
Palisano, Charles J., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Joseph S., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Samuel J., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Victor J., et al.: *See*—
Palisano, V. H., and Mentecki, assignors.
Palisano, Vincent H., and S. Mentecki, Buffalo, assignors to C. J., V. J., J. S., S. J., and V. H. Palisano, copartners, doing business as Motor Service & Supply Co., New York, N. Y. Tail gate. 2,374,697; May 1.
Palkin, Rose, executrix: *See*—
Palkin, S., and Hall.
Palkin, Samuel, deceased, Washington, D. C., by R. Palkin, executrix, Wartrace, Tenn., and S. A. Hall, Mount Rainier, Md., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Apparatus for precision control of flow division for fractionating columns and the like. 2,369,913; Feb. 20.
Pall, David B., assignor to Interchemical Corporation, New York, N. Y. Producing sodium cyanide. 2,387,287; Oct. 23.
Palley, I. Nevin, Oronoque, Conn., assignor to Curtiss-Wright Corporation. Retractable landing gear fairing. 2,388,365; Nov. 6.
Pallmann, Ludwig, Zweibrucken, Germany; vested in the Alien Property Custodian. Reducing machine. 2,377,443; June 5.
Palm, Fechteler & Co.: *See*—
Bihr, Alphonse, assignor.
Palm, George H., assignor to Stewart-Warner Corporation, Chicago, Ill. Air motor for lubricating pumps. 2,370,068; Feb. 20.
Palm, George H., assignor to Stewart-Warner Corporation, Chicago, Ill. Control valve. 2,380,608; July 31.
Palma, Anthony V., Togus, Maine. Analytical apparatus. 2,370,683; Mar. 6.
Palmer, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Adjustable tuft cutting knife for Axminster looms. 2,379,740; July 3.
Palmer, Albert, and E. A. Santon, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing, pick-and-pick, filling mixing loom. 2,380,544; July 31.
Palmer-Bee Company: *See*—
Bailey, Leon M., assignor.
Palmer Company, The: *See*—
Bruns, Anthony C., assignor.
Palmer, Edward, assignor to Ohio Wax Paper Company, Columbus, Ohio. Apparatus for applying treating or coating materials to paper. 2,373,849; Apr. 17.
Palmer, Edward, assignor to Ohio Wax Paper Company, Columbus, Ohio. Paper roll supporting rack. 2,391,265; Dec. 18.
Palmer, Ferris I., et al.: *See*—
Carssow, John F., assignor.
Palmer, Floyd J., Cleveland, Ohio. Stoker. 2,370,067; Feb. 20.
Palmer, Frank D., assignor to Kraft Cheese Company, Chicago, Ill. Packaging apparatus. 2,376,003; May 15.
Palmer, Harry W., Springfield, Mass. Staple puller. 2,375,942; May 15.
Palmer, Herman D.: *See*—
Kissel, W. L., and Palmer.
Palmer, John A., and R. L. Bell, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft and gun turret construction. 2,367,308; Jan. 16.
Palmer, John F., Waukesha, Wis. Packaging wrapper and producing the same. 2,372,735; Apr. 3.
Palmer, Leroy H., Bell, Calif. Regulator system. 2,373,334; Apr. 10.
Palmer, Richard O., Worcester, Mass., and H. D. Edgerly, Plymouth, N. H. Protective device. 2,366,870; Jan. 9.
Palmer, Robert C.: *See*—
Bibb, C. H., and Palmer.
Palmer, Robert F., Wheeling, W. Va. Apparatus for folding, banding, and mounting paper tickets. 2,388,433; Nov. 6.
Palmer, Robert S., Detroit, Mich. Forming explosive mixture and bomb for use therewith. 2,368,038; Jan. 23.
Palmer, Robert T.: *See*—
Hanson, M. E., and Palmer.
Palmer, Stanley: *See*—
Binns, C. E., and Palmer.
Palmgren, Charles A., Chicago, Ill. Welding electrode holder. 2,387,464; Oct. 23.
Palmgren, Charles A., Chicago, Ill. Chuck. 2,389,536; Nov. 20.
Palmieri, Libero, assignor to Watkins Soda Fountain Corp., New York, N. Y. Washing machine. 2,368,563; Jan. 30.
Palmquist, Philip V., New Canada Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Reflex light reflector. 2,379,741; July 3.
Palmquist, Philip V., New Canada Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored reflex light reflector. 2,383,884; Aug. 28.
Palnut Company, The: *See*—
Hotchkin, James R., assignor.
Wohlhieter, Joseph W., assignor.
Palou, Jean: *See*—
Fosse, H., Palou, and Lacombe.
Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus and winding therefor. 2,368,506; Jan. 30.
Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,388,565; Nov. 6.
Paluev, Konstantin K., Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,388,566; Nov. 6.
Pampinella, Antonino, Rome, Italy; vested in the Alien Property Custodian. Tipping gravity davit for lifeboats. 2,385,841; Oct. 2.
Pan American Airways, Inc.: *See*—
Clark, Allan C., assignor.
Pan American Refining Corporation: *See*—
Kirkbride, Chalmer G., assignor.
Mayer, Ivan, assignor.
Wadsworth, Francis T., assignor.
Pancake, Herman H., Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Door closing device. 2,374,155; Apr. 17.
Pancher, Harry E., assignor to A. G. Redmond Co., Owosso, Mich. Making electric motor rotors. 2,384,489; Sept. 11.
Pancher, Harry E., assignor to A. G. Redmond Co., Owosso, Mich. Motor rotor and making the same. 2,386,138; Oct. 2.
Pancoe, George W.: *See*—
Watter, M., and Pancoe.
Pancoe, George W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Cover fastener. 2,385,461; Sept. 25.
Pancoe, George W., Philadelphia, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Structural unit and assembly. 2,386,710; Oct. 9.
Pandiscio, Nicholas: *See*—
Leger, Edward N., assignor.
Pangborn Corporation: *See*—
Keefer, Walter L., assignor.
Rosenberger, William A., assignor.
Potter, Percy J., assignor.
Wieland, Daniel A., assignor.
Panish, Erwin J., Bridgeport, Conn. Clutch control. 2,387,343; Oct. 23.
Panissidi, Hugo: *See*—
Leathers, W., and Panissidi.
Panitch, William: *See*—
Seegar, F. T., and Panitch.
Pankey, Thomas L., Wauwatosa, and C. E. Imhoff, Calhoun Farms, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Boiler feedwater treatment process. 2,382,902; Aug. 14.
Pankow, Edmund G., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Water heating apparatus. 2,380,545; July 31.
Pankratz, Howard J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well pump. 2,375,578; May 8.
Panoramic Laboratories: *See*—
Wallace, Marcel, assignor.
Wallace, M., and Miller, assignors.
Pantages, Steven, New York, N. Y. Thread and stranded wire gauge. 2,391,590; Dec. 25.
Pantalone, Vincent R.: *See*—
Elliott, C. I., and Pantalone.
Williamson, M. I., and Pantalone.
Pantex Pressing Machine, Inc.: *See*—
Beede, R. J., and Monsarrat, assignors.
Lornitzo, Frank C., assignor.
Panushka, John B., Glendale, and L. A. Wheeler, assignors of one-half to R. H. Clark, and one-half to W. H. Maxwell, Los Angeles, Calif. Hair curler. 2,388,797; Nov. 13.
Papalexis, James, Ashtabula, and O. W. Johnson, Geneva, Ohio. Attachment for holding articles. 2,369,978; Feb. 20.

Papanicolas, James: *See*—
Corliss, Raymond H., assignor.
Pape, August H., Kentfield, assignor of one-half to E. Kendal, San Francisco, Calif. Ski-climber. 2,375,943; May 15.
Pape, Harry E., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket and discharge device therefor. 2,367,237; Jan. 16.
Pape, Harry E., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifugal spinning bucket. 2,367,339; Jan. 16.
Pape, Karl: *See*—
MacWilliam, W., and Pape.
Pape, Karl, Dover, and A. N. Troshkin, Montclair, assignors to Resistoflex Corporation, Belleville, N. J. Hose coupling. 2,388,992; Nov. 13.
Papello, Karl, Jena, Germany; vested in the Alien Property Custodian. Apparatus for determining the magnitudes required for parallax correction. 2,376,719; May 22.
Papello, Karl, Jena, Germany; vested in the Alien Property Custodian. Device for directing and calculating apparatus. 2,384,043; Sept. 4.
Papendick, Elizabeth, executrix: *See*—
Papendick, Gustav C., assignor.
Papendick, Gustav C., deceased, University City, Mo., by E. Papendick, executrix, assignor, by mesne assignments, to E. Papendick. Packaging sliced loaves. 2,369,753; Feb. 20.
Papendick, Gustav C., deceased, by E. Papendick, executrix, assignor to E. Papendick, University City, Mo. Packaging sliced loaves. 2,389,812; Nov. 27.
Papenmeyer, George W.: *See*—
Peterson, E. L., and Papenmeyer.
Paper Converting and Finishing Company: *See*—
Pruneau, J. L., Mullally, and Hanrahan, assignors.
Paper Patents Company: *See*—
Fourness, C. A., and Reichel, assignors.
Papkin, David, assignor to Sargent & Company, New Haven, Conn. Adjustable clamp for food choppers or the like. 2,382,811; Aug. 14.
Para, John W., Elizabeth, and K. Weisser, Cresskill, assignors to David Kahn, Inc., County of Hudson, Township of North Bergen, N. J. Fountain pen presser bar and producing the same. 2,377,444; June 5.
Paradis, Archie, South Paris, Maine. Pickle cutting machine. 2,373,973; Apr. 17.
Paradise, Louis A.: *See*—
Anderson, R. L., Arnold, and Paradise.
Paradise, Louis A., and A. W. Oehler, assignors to Deere & Company, Moline, Ill. Cylinder adjusting device. 2,376,618; May 22.
Paraffine Companies, Inc., The: *See*—
Cohen, S. A., Thurmond, and Read, assignors.
Paragon Revolute Corporation: *See*—
Sullivan, Warren L., assignor.
Paramount Textile Machinery Co.: *See*—
Mittelstadt, Roy, assignor.
Parcelle, Alvin J., trustee: *See*—
Watson, Sydney C.
Parcelle, Alvin J., trustee, et al.: *See*—
Watson, Sydney C., assignor.
Pardee, William A., Pittsburgh, Pa., and B. F. Dodge, Hamden, Conn., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Alkylation of benzene. 2,388,007; Oct. 30.
Pardey, George H., and C. L. Johnson, Cleveland, Ohio, assignors to The Motor Repair and Manufacturing Company. Electrical control system. 2,377,365; June 5.
Paré, Victor T., Collingswood, N. J., assignor to Radio Corporation of America. Method of and apparatus for making fibrous articles. 2,384,958; Sept. 18.
Parenti, Joseph S., Buffalo, N. Y. Machine for utilizing power. 2,391,476; Dec. 25.
Parfentjev, Ivan A., Nanuet, N. Y., assignor to Lederle Laboratories, Inc., New York, N. Y. Blood clotting accelerator. 2,369,111; Feb. 6.
Parfitt, Frank P., assignor to The British Power Boat Company Limited, Hythe, Southampton, England. Remote control apparatus for starting internal-combustion engines. 2,367,960; Jan. 23.
Pargman, Sydney, Paterson, N. J. Automatic electric vaporizer. 2,379,034; June 26.
Parilla, Arthur R., Garden City, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,390,661; Dec. 11.
Parish Pressed Steel Company: *See*—
Cole, Nelson E., assignor.
Parisi, Charles W., Bellwood, Ill. Indicator. 2,379,591; July 3.
Park, Joseph D.: *See*—
Benning, A. F., and Park.
Park Manufacturing Company: *See*—
Root, Joseph M.
Park, Phillip R., Inc.: *See*—
Lassen, Sven H., assignor.
Park, Ransom L., Monmouth, Oreg. Lock nut. 2,389,634; Nov. 27.
Parke, Davis & Company: *See*—
Bambas, Louis L., assignor.
Cheney, L. C., and Bywater, assignors.
Crooks, H. M., Jr., and Jones, assignors.
Fell, Norbert H., assignor.
Lawson, E. J., and Parke, assignors.
Marker, Russell E., assignor.
Marker, R. E., and Crooks, assignors.
Marker, R. E., and Lawson, assignors.
Marker, R. E., and Whittle, assignors.
Parke, H. C., and Lawson, assignors.
Tillitson, Edward W., assignor.
Wagner, Romeo B., assignor.
Parke, Hervey C.: *See*—
Lawson, E. J., and Parke.
Parke, Hervey C., and E. J. Lawson, assignors to Parke, Davis & Company, Detroit, Mich. Vitamin composition and obtaining same. 2,367,791; Jan. 23.
Parke, Robert M., and F. P. Bens, Detroit, Mich., assignors to Climax Molybdenum Company, New York, N. Y. Tensile strength testing apparatus. 2,375,032; May 1.
Parke, Robert M., and F. P. Bens, Detroit, Mich., assignors to Climax Molybdenum Company, New York, N. Y. Hardness testing apparatus. 2,375,033; May 1.
Parker Appliance Company, The: *See*—
Hartley, Emmett C., assignor.
Parker, Arthur L., assignor.
Parker, A. L., Davies, and Melichar, assignors.
Parker, A. L., and Hartley, assignors.
Stark, Donald A., assighor.
Parker Appliance Company, Inc., The: *See*—
Melichar, Joseph F., assignor.
Parker, Arthur L., assignor.
Parker, Arthur H.: *See*—
Sebell, Harry, assignor.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Safety wrench. 2,381,226; Aug. 7.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube structure. 2,383,733; Aug. 28.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Tube and protective sleeve assembly. 2,391,266; Dec. 18.
Parker, Arthur L., assignor to The Parker Appliance Company, Cleveland, Ohio. Antiseizing paste for sealing threaded joints and like parts. 2,391,504; Dec. 25.
Parker, Arthur L., R. H. Davies, and J. F. Melichar, assignors to The Parker Appliance Company, Cleveland, Ohio. Fluid dispensing device. 2,385,102; Sept. 18.
Parker, Arthur L., and E. C. Hartley, assignors to The Parker Appliance Company, Cleveland, Ohio. Three-way valve. 2,391,505; Dec. 25.
Parker, Cecil C., Hyde Park, N. Y. Danger call alarm. 2,386,711; Oct. 9.
Parker, Donald, Fresno, Calif. Dusting apparatus. 2,388,798; Nov. 13.
Parker, Florence E., et al.: *See*—
Hodgdon, John W. S., assignor.
Parker, Frank A., and F. Ancliff, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Painting machine. 2,367,309; Jan. 16.
Parker, Glenn H.: *See*—
Woolson, H. T., Herreshoff, Hicks, Parker and Wyatt.
Woolson, H. T., and Parker.
Parker, Henry C., Washington, D. C. Airplane launching device and carrier. 2,383,559; Aug. 28.
Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chair Corporation, Tonawanda, N. Y. Wire rope hoist. 2,368,039; Jan. 23.
Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Joiner link. 2,387,606; Oct. 23.
Parker, Humphrey F., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Limit control. 2,388,219; Oct. 30.
Parker, Humphrey F., Kenmore, N. Y., and K. W. Stinson, Columbus, Ohio, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Hoist. 2,371,352; Mar. 13.
Parker, Humphrey F., Kenmore, and K. W. Stinson, Columbus, Ohio, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Hoist. 2,373,048; Apr. 3.
Parker, James, et al.: *See*—
Vanore, Joseph, assignor.
Parker, John W.: *See*—
Schoepfer, A. C., and Parker.
Parker, Joseph L., Louisville, Ky., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phosphorus containing plastic polymers from 1,3-dienes. 2,382,812; Aug. 14.
Parker, Kenneth, assignor to The Parker Pen Company, Janesville, Wis. Magnetic desk set. 2,386,500; Oct. 9.
Parker, Lenious G., Oakland, Calif. Fuel nozzle. 2,369,174; Feb. 13.
Parker Manufacturing Company: *See*—
Brown, Clyde E., assignor.
Lenk, Kurt H., assignor.
Parker, Matthew: *See*—
Russell, A., Parker, and Harris.
Parker, Paul T., Baton Rouge, La., assignor to Standard Oil Development Company. Refining mineral oil. 2,371,408; Mar. 13.

Parker Pattern & Foundry Company, The : *See*—
Stelzer, Earl E., assignor.
Parker Pen Company, The: *See*—
Baker, Marlin S., assignor.
Parker, Kenneth, assignor.
Parker, Ralzemond D., Brooklyn, and A. Weaver, Port Washington, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph perforator-transmitter. 2,382,251; Aug. 14.
Parker, Robert P.: *See*—
Lecher, H. Z., Goulding, and Parker.
Lecher, H. Z., Parker, and Denton.
Lecher, H. Z., Parker, and Long.
Parker, Robert P., Somerville, N. J., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine derivatives of o-alkoxymethyl benzoic acid. 2,383,074; Aug. 21.
Parker Rust Proof Company: *See*—
Clifford, W. J., and Adams, assignors.
Richards, Ernest W., assignor.
Tanner, Robert R., assignor.
Parker, Samuel P., assignor to Callaway Mills, La Grange, Ga. Loom. 2,382,741; Aug. 14.
Parker, Thomas A., assignor of one-fourth to C. M. Goldstein, Baltimore, Md. Land mine. 2,377,174; May 29.
Parker, Thomas W.: *See*—
Davies, R. J., Dering, and Parker.
Parker, Willard T.: *See*—
MacNeill, J. B., Peterson, and Parker.
Parker-Wolverine Company: *See*—
Amundsen, Paul L., assignor.
(Meyer, William E., assignor) and Roberts.
Parkersburg Rig & Reel Company, The: *See*—
Dake, George E., assignor.
Parkhurst, John E., San Diego, Calif. Fluid dispenser. 2,368,944; Feb. 6.
Parkins, Wright A., West Hartford, G. N. Cole, Manchester, Conn., and A. E. Smith, Kansas City, Kans., assignors to United Aircraft Corporation, East Hartford, Conn. Ignition timing. 2,390,166; Dec. 4.
Parks-Cramer Company: *See*—
Holtzclaw, Grover B., assignor.
Parks, Walter J., Cleveland Heights, Ohio, assignor to The W. S. Tyler Company. Screen. 2,374,775; May 1.
Parks, Walter J., Cleveland Heights, assignor to The W. S. Tyler Company, Cleveland, Ohio. Controlling dust in the screening of dust-laden material. 2,382,252; Aug. 14.
Parks and Woolson Machine Company: *See*—
Hadley, Wilfred N., assignor.
Parlini, Alexander C.: *See*—
O'Toole, R. F., and Parlini.
Parmalee, A. F.: *See*—
Moeller, William C., assignor.
Parmenter, Frank D., Toronto, Ontario, Canada. Support for concrete forms. 2,388,865; Nov. 13.
Parmenter, Morgan D., Toronto, Ontario, Canada. Examination material. 2,373,498; Apr. 10.
Parnall Aircraft Limited: *See*—
Draper, Frederick C., assignor.
Parnet, Louis, Courbevoie, France; vested in the Alien Property Custodian. Adjustable wrench. 2,369,072; Feb. 6.
Paroz, Paul N., Lancaster, and G. W. Grisdale, Jr., Ephrata Township, Lancaster County, assignors to Hamilton Watch Company, Lancaster, Pa. Multiple jewel oliving machine. 2,389,537; Nov. 20.
Parr, Bernard A., assignor to Simmonds Aerocessories Limited, London, England. Remote control. 2,373,776; Apr. 17.
Parr, Bernard F.: *See*—
Felver, R. I., and Parr.
Parr, Bernard F., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Toaster apparatus. 2,389,927; Nov. 27.
Parr: Floyd: *See*—
Davies, G. V., Parr, and Goodrich.
Parr, Josephus O., Jr., assignor to O. S. Petty, San Antonio, Tex. Stabilizer for automatic volume control circuits. 2,384,393; Sept. 4.
Parr, Josephus O., Jr., assignor to Olive S. Petty, San Antonio, Tex. Seismic surveying. 2,390,322; Dec. 4.
Parrett, Dent, assignor, by mesne assignments, to Lambert Brake Corporation, St. Joseph, Mich. Multiple disk brake. 2,387,039; Oct. 16.
Parrigin, Frank S., Louisville, Ky. Syringe. 2,386,001; Oct. 2.
Parrish, Grant L.: *See*—
Deitch, Clement, assignor.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,366,648; Jan. 2.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machine loop-takers. 2,367,046; Jan. 9.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 2,381,685; Aug. 7.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machine loop-takers. 2,383,152; Aug. 21.
Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 2,385,299; Sept. 18.
Parry, Frank, assignor to Molins Machine Company, Limited, Deptford, London, England. Apparatus for feeding articles from a container. 2,378,032; June 12.
Parsons, Clinton H., and L. D. Mink, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of egg whites. 2,377,644; June 5.
Parsons, Frank H.: *See*—
Ahlstrom, W. M., Tischler, and Parsons.
Parsons, Fred A., Milwaukee, Wis. Cooking utensil. 2,371,975; Mar. 20.
Parsons, Harry N., Chicago, Ill., assignor to International Harvester Company. Bearing. 2,380,327; July 10.
Parsons, John B., Toledo, Ohio. Window regulator mechanism. 2,371,183; Mar. 13.
Parsons, John B., Toledo, Ohio. Sealing device for internal gear pumps. 2,383,153; Aug. 21.
Parsons, John B., Toledo, Ohio. Fastening device. 2,383,154; Aug. 21.
Parsons, John B., assignor to M. W. Fraser, Toledo, Ohio, as trustee. Window regulator mechanism. 2,381,365; Aug. 7.
Parsons, John B., Toledo, Ohio, assignor to Malcolm W. Fraser, of Toledo, Ohio, as trustee. Regulator mechanism. 2,390,029; Nov. 27.
Parsons, John S., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical distribution system. 2,390,810; Dec. 11.
Parsons, Joseph R., assignor to United States Gypsum Company, Chicago, Ill. Preparing reinforced ceramic material. 2,371,353; Mar. 13.
Parsons, John T., and A. V. Brogren, Detroit, Mich. Impact spider. 2,383,885; Aug. 28.
Parsons Marine Steam Turbine Company Limited: *See*—
Cook, S. S., and Douglas, assignors.
Parsons Marine Steam Turbine Company Limited, The, et al.: *See*—
Signer, J. U., and Douglas, assignors.
Parsons, Neal B., Verdon, Nebr. Shoe cleat. 2,367,736; Jan. 23.
Parsons, Robert J., Schenectady, assignor to Consolidated Car Heater Company, Inc., Albany, N. Y. Air conditioning. 2,386,569; Oct. 9.
Parton, James A., Erdenheim, Pa., and J. B. Pace, assignors to Hoffman Specialty Co., Indianapolis, Ind. Straight stem vent valve. 2,385,584; Sept. 25.
Partridge, Everett P., Beaver, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Well drilling mud and process. 2,379,100; June 26.
Partridge, John H., Pinner, England, assignor to General Electric Company. Lead glass composition. 2,388,866; Nov. 13.
Parva Products Company: *See*—
White, P. W., and Ryan, assignors.
Paschell, Anthon H., Des Moines, Iowa. Pencil sharpener. 2,366,928; Jan. 9.
Pascoo, Alex, New York, N. Y. Tire pressure gauge. 2,368,564; Jan. 30.
Pascoo, Alex, New York, N. Y. Bookmark. 2,387,607; Oct. 23.
Pasela, James J.: *See*—
Knochel, E. S., and Pasela.
Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Mechanical motion. 2,378,033; June 12.
Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Lapping machine. 2,382,903; Aug. 14.
Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making annular articles. 2,390,614; Dec. 11.
Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash register. 2,380,257; July 10.
Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Cash register. 2,380,258; July 10.
Pasker, Gerald J., New Vienna, Iowa. Agricultural machine. 2,389,928; Nov. 27.
Pasqualigo, Giulio, Genoa, Italy; vested in the Alien Property Custodian. Multianode electron tube and working circuit therefor. 2,383,886; Aug. 28.
Pasquasi, Battista, et al.: *See*—
Giorgi, Adelmo, assignor.
Pasquinelli, Bruno B: *See*—
Peyrebrune, H. E., and Pasquinelli.
Passal, Frank, by judicial change of name: *See*—
Stareck, J. E., and Passalacqua.
Passalacqua, Frank: *See*—
Stareck, J. E., and Passalacqua.
Passanante, Charles G., Jersey City, N. J. Rotary propeller ornament. 2,373,499; Apr. 10.
Passelecq, Georges, Paris, France; vested in the Alien Property Custodian. Core making process. 2,368,322; Jan. 30.
Passino, Herbert J.: *See*—
Solomon, E., Passino, and Rubin.
Passloff, Louis, et al.: *See*—
Konikoff, Robert H., assignor.

Pastore, Adam, Bridgeport, Conn. Valve stem silencer. 2,380,673; July 31.
Pasturczak, Stanley F., East Moline, assignor to Deere & Company, Moline, Ill. Corn harvester. 2,377,807; June 5.
Pasut, August, Detroit, Mich. Smoking pipe. 2,377,445; June 5.
Patch, Albert C., Topeka, Kans. Elastic collar clasp. 2,368,724; Feb. 6.
Patch, Allen J., Ripon, Wis., assignor to R. W. Lamont. Domestic laundry unit. 2,387,407; Oct. 23.
Patch, Arthur C., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Slot closure actuating mechanism. 2,371,976; Mar. 20.
Patch, Harold K., Hermosa Beach, assignor to Crossfield Products Corp., Los Angeles, Calif. Protective coatings. 2,382,742; Aug. 14.
Patchogue-Plymouth Mills Corporation: *See*—
Fischel, Lester, assignor.
Patco, Inc.: *See*—
Koppl, E., and Harris, assignors.
Pate, Charles A., Lufkin, Tex., Hand tool. 2,376,978; May 29.
Pate, William A. S.: *See*—
Bernard, C. A., and Pate.
Patek, John M., assignor to Eastman Kodak Company, Rochester, N. Y. Moisture proof container. 2,367,520; Jan. 16.
Patent Button Company, The: *See*—
Clarke, Rollin R., assignor.
Peterson, Frederick H., assignor.
Peterson, F. H., and Clarke, assignors.
Purinton, Forrest G., assignor.
Patent Developers, Inc.: *See*—
Knoblock, Frederick D., assignor.
Patent License Corporation: *See*—
Zimmerman, Edward C., assignor.
Patent and Licensing Corporation, The: *See*—
Fay, Albert H., Jr., assignor.
Patent Protection Corporation: *See*—
Pearson, John H., assignor.
Patents Promotions Corporation: *See*—
Stanton, Samuel J., assignor.
Patents Research Corporation: *See*—
Unger, William H., assignor.
Pateras Pescara, Raul, Lisbon, Portugal. Internal-combustion engine. 2,380,066; July 10.
Paterson, Leslie M., Aylesbury, England, assignor to J. L. Thomson Manufacturing Company, Waltham, Mass. Rivet setting machine. 2,390,615; Dec. 11.
Patin, Albert, Berlin, Germany; vested in the Alien Property Custodian. Automatic electrical control means. 2,383,942; Sept. 4.
Patin, Albert, Berlin, Germany; vested in the Alien Property Custodian. Electric controlling system. 2,380,784; July 31.
Patmor, John B., Zion, Ill. Tone post for violins and similar musical instruments. 2,370,460; Feb. 27.
Patnode, Winton I.: *See*—
Rochow, E. G., and Patnode.
Patnode, Winton I., Schenectady, N. Y., assignor to General Electric Company. Contact masses. 2,380,997; Aug. 7.
Patnode, Winton I., Schenectady, N. Y., assignor to General Electric Company. Organo-dihalogenosiloxanes. 2,381,366; Aug. 7.
Patnode, Winton I., Schenectady, N. Y., and R. W. Schiessler, State College, Pa., assignors to General Electric Company. Halogenated organosilicon compounds. 2,381,000; Aug. 7.
Patnode, Winton I., Schenectady, N. Y., and R. W. Schiessler, State College, Pa., assignors to General Electric Company. Preparing tetrachloroethylene and chlorosilanes. 2,381,001; Aug. 7.
Patnode, Winton I., Schenectady, N. Y., and R. W. Schiessler, State College, Pa., assignors to General Electric Company. Cyclic organosilicon compounds. 2,381,002; Aug. 7.
Patnode, Winton I., and R. O. Sauer, Schenectady, N. Y., assignors to General Electric Company. Preparing tetrakis-2-chloroethyl silicate. 2,381,137; Aug. 7.
Patnode, Winton I., and R. O. Sauer, Schenectady, N. Y., assignors to General Electric Company. 2-halogenoethyl silicon compounds. 2,381,138; Aug. 7.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle transmission control. 2,366,254; Jan. 2.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,374,305; Apr. 24.
Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,387,344; Oct. 23.
Patons and Baldwins Inc.: *See*—
Allen, Nora J., assignor.
Patrick, Clarence W.: *See*—
Kent, F. A., and Patrick.
Patrick, Walter A., Jr., and J. D. Elder; said Elder assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Dehydrating method and apparatus. 2,390,167; Dec. 4.
Patt, Leon A., Niagara Falls, Ontario, Canada, assignor to The Carborundum Company, Niagara Falls, N. Y. Surfacing apparatus. 2,370,323; Feb. 27.
Pattberg, Theodore H., Woodhaven, N. Y. Cigarette or cigar lighter. 2,386,168; Oct. 2.
Pattee, John R., assignor to The Bristol Company, Waterbury, Conn. Timer switch. 2,366,454; Jan. 2.
Patten, Dorathy G., Milwaukee, Wis. Individual dress-form. 2,376,553; May 22.
Patten, Fred F., Woonsocket, R. I., assignor to United States Rubber Company, New York, N. Y. Lifesaving equipment. 2,366,455; Jan. 2.
Patten, Fred F., Woonsocket, R. I., assignor to United States Rubber Company, New York, N. Y. Inflatable boat. 2,370,069; Feb. 20.
Patterson, Albert M., Hutchinson, Kans. Course plotting apparatus. 2,386,712; Oct. 9.
Patterson, Albert S., Nashville, Tenn. Device for detecting formation of ice on airplane wings. 2,371,259; Mar. 13.
Patterson, Cecil E., McKeesport, Pa., assignor to The Galion Iron Works & Manufacturing Company. Power earth mover. 2,376,979; May 29.
Patterson, Charles E.: *See*—
Young, J. W., and Patterson.
Patterson, Chester L., Jackson Heights, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Wire rolling mill. 2,380,067; July 10.
Paterson Engineering Company Limited, The: *See*—
Smalley, William, assignor.
Patterson, George, Jr., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Portable radio receiver. 2,388,567; Nov. 6.
Patterson, George, Jr., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Television apparatus. 2,388,761; Nov. 13.
Patterson, Glenn A., assignor to Red Jacket Manufacturing Co., Davenport, Iowa. Pumping system. 2,387,941; Oct. 30.
Patterson, Gordon D., Wilmington, Del., and C. K. Sloan, Thornton, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Basic alkaline earth chromito-chromate pigment and making. 2,387,528; Oct. 23.
Patterson, Guy K.: *See*—
Alford, A., and Patterson.
Patterson, Henry R.: *See*—
Clark, R., and Patterson.
Patterson, Herbert F., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,369,848; Feb. 20.
Patterson Industries Incorporated: *See*—
Patterson, William N., assignor.
Patterson, John A., Westfield, N. J., assignor to Standard Oil Development Company. Separation and purification of hydrocarbons. 2,391,102; Dec. 18.
Patterson, John A., and R. F. McCleary, Beacon, assignors to The Texas Company, New York, N. Y. Lubricants. 2,375,579; May 8.
Patterson, John A., Westfield, and R. J. Ozol, Elizabeth, N. J., assignors to Standard Oil Development Company. Purification of organic liquids. 2,386,058; Oct. 2.
Patterson, John A., and R. F. McCleary, Beacon, assignors to The Texas Company, New York, N. Y. Lubricants. 2,388,074; Oct. 30.
Patterson, Joseph W., Tulsa, Okla. Game device. 2,383,210; Aug. 21.
Patterson, Raymond L., New York, N. Y. Production of metal powder. 2,368,489; Jan. 30.
Patterson, Raymond L., assignor, by mesne assignments, to The New Jersey Zinc Company, New York, N. Y. Powder metallurgy of brass. 2,368,943; Feb. 6.
Patterson, Robert J., Bartlesville, Okla. Educational appliance. 2,377,100; May 29.
Patterson, Robert J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Butadiene production 2,391,188; Dec. 18.
Patterson, Roy I., Golden Valley, Minn. Grain distributor. 2,368,872; Feb. 6.
Patterson, Velt C., York, Pa., assignor to York Corporation. Drying. 2,389,452; Nov. 20.
Patterson, Ward S., Chappaqua, assignor to Combustion Engineering Company, Inc., New York, N. Y. Gas and oil burner. 2,368,490; Jan. 30.
Patterson, Ward S., Chappaqua, and J. L. Barnes, Yonkers, assignors to Combustion Engineering Company, Inc., New York, N. Y. Feed-water connection to boiler drum. 2,388,177; Oct. 30.
Patterson, Wilbur I.: *See*—
Karabinos, J. V., Eckhardt, and Patterson.
Patterson, Wilbur I., and M. B. Williamson, Chagrin Falls, Ohio, assignors to S. M. A. Corporation, Chicago, Ill. Antioxidants. 2,380,546; July 31.
Patterson, William N., assignor to Patterson Industries Incorporated, Detroit, Mich. Windshield protector and cleaner for airplanes. 2,367,426; Jan. 16.
Patterson, William S., Arlington, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Method and apparatus for producing bags. 2,385,229; Sept. 18.
Pattilloch, Donald K.: *See*—
Fowler, G. B., and Pattilloch.
Patton, Carl W., Palisades Park, N. J., assignor to Carbide and Carbon Chemicals Corporation. Composition for surgical and medical preparations. 2,385,879; Oct. 2.
Patton, Clark E., Springfield, Ohio. Oil seal puller. 2,380,068; July 10.

Patton, Edward D.: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway.

Patton, James L., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Measurement of the rate of soil gas evolution. 2,366,351; Jan. 2.

Patton, Willis A., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Flow control valve. 2,384,394; Sept. 4.

Patzer, Raymond C.: *See*—
Woditsch, Frank J., assignor.

Patzer, William, assignor, by mesne assignments, to Clarence E. Threedy, Chicago, Ill., as trustee. Coin selector. 2,371,310; Mar. 13.

Paul, Albert: *See*—
Compton, J. A., and Paul.

Paul, Edgar D., Wynnewood, Pa. Clamp. 2,380,990; Aug. 7.

Paul, John A., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Fastener driving machine. 2,378,725; June 19.

Paul, Leslie R., Philadelphia, Pa. Color control. 2,374,640; Apr. 24.

Paul, Philip T: *See*—
Howland, L. H., and Paul.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,372,813; Aug. 14.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,373,335; Apr. 10.

Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,381,771; Aug. 7.

Paul, Raymond: *See*—
Gold, H., and Paul.

Paul, Talbert W.: *See*—
Brown, T., and Paul.

Pauli, Theodore C., Kirkwood, assignor to Orchard Paper Company, St. Louis, Mo. Garment hanger. 2,376,269; May 15.

Paulsen, Christian, Fair Lawn, assignor to New Era Manufacturing Company, Paterson, N. J. Feed mechanism. 2,389,929; Nov. 27.

Paulsen, Grover C., Jr.: *See*—
Sletzinger, M., and Paulsen.

Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Strip applying machine. 2,383,560; Aug. 28.

Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for reinforcing insoles. 2,387,288; Oct. 23.

Paulsen, Henry C., Elizabeth, N. J., assignor to Standard Oil Development Company. Hydrocarbon fuel blends. 2,385,158; Sept. 18.

Paulsen, Neal I., St. Louis Park, Minn. Shirt case. 2,371,841; Mar. 20.

Paulsen, Thomas R., South Milwaukee, Wis., assignor, by mesne assignments, to Laplant-Choate Manufacturing Co. Inc., Cedar Rapids, Iowa. Bulldozer. Re. 22,613; Mar. 6.

Paulson, John T., Lafayette, Oreg. Tree faller and undercutter. 2,376,270; May 15.

Paulson, Theodore R., assignor to Mid West Sales & Service, Inc., South Bend, Ind. Chilling cabinet. 2,390,030; Nov. 27.

Paulus, Romeo, Plainville, Mass. Rug filler holder. 2,377,101; May 29.

Paumier, André P., Sceaux, France; vested in the Alien Property Custodian. Electronic scanning device for television. 2,387,608; Oct. 23.

Paust, Lawrence R., Chicago, Ill. Communicating apparatus. 2,366,552; Jan. 2.

Pavan, Osvaldo: *See*—
Antonelli, L., and Pavan.

Pavelka, Joseph: *See*—
McCullough, Paul J., assignor.

Pavey, Lester J., Oklahoma City, Okla. Pipe cutter. 2,379,177; June 26.

Pavlecka, Vladimir H.: *See*—
Northrop, J. K., and Pavlecka.

Pavlish Arnold E.: *See*—
Sullivan, J. D., and Pavlish.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,538; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,539; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,540; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,541; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,542; Nov. 20.

Pavlish, Arnold E., and C. R. Austin, Columbus, Ohio, assignors, by mesne assignments, to Peerpatco, Incorporated, Indiana, Pa. Foundry composition. 2,389,543; Nov. 20.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric warp stop motion. 2,391,591; Dec. 25.

Pawelsky, Vernon R., assignor to Automatic Products Company, Milwaukee, Wis. Control for floor furnaces. 2,385,536; Sept. 25.

Pawelsky, Vernon R., Milwaukee, and F. F. Heiser, Wauwatosa, assignors to Automatic Products Company, Milwaukee, Wis. Filling and sealing metal containers. 2,372,290; Mar. 27.

Pawsat, Ewald F., Maysville, Ky. Steering post. 2,383,273; Aug. 21.

Paxson, Homer D., Salem, Ohio. Coil expander. 2,366,352; Jan. 2.

Paxton, Arlie L., et al.: *See*—
Cornish, Irving R., assignor.

Paxton, Clarence, and T. H. Vail, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,388,339; Nov. 6.

Paxton, Donald D.: *See*—
Smith, H. W., and Paxton.

Paxton, George N.: *See*—
Cornish, Irving R., assignor.

Paxton, George N., et al.: *See*—
Cornish, Irving R., assignor.

Paxton, Gerald C., and G. E. Stilwell, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Crate head maker. 2,378,948; June 26.

Paxton, Gerald C., Riverside, and E. A. Verrinder, Redlands, assignors to Food Machinery Corporation, San Jose, Calif. Stamping machine. 2,385,462; Sept. 25.

Paxton, John W.: *See*—
Cornish, Irving R., assignor.

Paxton, John W., et al.: *See*—
Cornish, Irving R., assignor.

Payne, Amos O., assignor to The Ohio Pattern Works and Foundry Company, Cincinnati, Ohio. Filling spout. 2,367,138; Jan. 9.

Payne, Charles H., Melbourne, Fla., assignor to O. F. Arthur, Belle Vernon, Pa. Apparatus for laying mats on landing fields. 2,384,395; Sept. 4.

Payne, Donald E.: *See*—
Layng, E. T., and Payne.

Payne, Donald E., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion system. 2,389,236; Nov. 20.

Payne, Frank E., Winnetka, assignor to Crane Packing Company, Chicago, Ill. Fluid seal. 2,378,095; June 12.

Payne, Irving: *See*—
Carson, A., and Payne, assignors.

Payne, John H., Montreal, Quebec, Canada. Method and apparatus for applying indicia to explosive shells, cartridge cases, and the like. 2,369,073; Feb. 6.

Payne, John H., Honolulu, Hawaii, assignor to The Pacific Guano and Fertilizer Company, Honolulu, T. H. Soil treatment. 2,377,446; June 5.

Payne, John W.: *See*—
Kalichevsky, V. A., Ray, and Payne.
Nicholls, E. S., Noll, and Payne.
Simpson, T. P., Payne, and Crowley.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric weft detector for looms. 2,377,102; May 29.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Harness mechanism for looms. 2,379,742; July 3.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Harness cord sheave mechanism for looms. 2,379,743; July 3.

Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread separating thread holder. 2,387,289; Oct. 23.

Payne, Paul D., Irvington, N. J. Manufacture of electric storage cells. 2,379,374; June 26.

Payne, Ralph W., Washington, D. C. Resilient rail fastener. 2,380,991; Aug. 7.

Payne, Roland S.: *See*—
Feinauer, L. R., and Payne.

Payne, Samuel T.: *See*—
Rowe, D. C., and Payne.

Payne, William H., La Grange, Ill. Mounting for electric arc furnace electrodes. 2,386,260; Oct. 9.

Payne, William H., Hinsdale, Ill. Mechanism for supporting and automatically adjusting arc furnace electrodes. 2,389,164; Nov. 20.

Paystrup, Reuben E., Levan, Utah. Combination ice and roller skate. 2,377,366; June 5.

Payzer, Stanley D., and N. A. Gray, assignors to D. J. Murray Manufacturing Co., Wausau, Wis. Chipper knife assembly. 2,388,799; Nov. 13.

Peabody Engineering Corporation: *See*—
Peabody, Ernest H., assignor.
Vroom, R. C., and Graham, assignors.

Peabody, Ernest H., Norwalk, Conn., assignor to Peabody Engineering Corporation, New York, N. Y. Atomizer. 2,373,707; Apr. 17.

Peace, John D., Jr.: *See*—
Sperry, E. A., Jr., and Peace.

Peacock, Ralph W., assignor to Columbian Rope Company, Auburn, N. Y. Molding apparatus. 2,376,805; May 22.

Pear, Charles B., Jr., Prince Georges County, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radiosonde antenna system. 2,366,423; Jan. 2.
Pearce, Catherine V.: *See*—
Benn, Howard H., assignor.
Pearce, Clarence H., Hyattsville, Md. Combination tool. 2,371,977; Mar. 20.
Pearce, E. W., et al.: *See*—
Nelson, Clarence E., assignor.
Pearce, Edwin S., Indianapolis, Ind. Journal bearing. 2,368,677; Feb. 6.
Pearce, Edwin S., Indianapolis, Ind. Journal bearing. 2,387,806; Oct. 30.
Pearce, Edwin S., Indianapolis, Ind. Journal bearing. 2,387,807; Oct. 30.
Pearce, Gale T.: *See*—
Coss, H. T., Pearce, and Downsbrough.
Pearce, Gale T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Method and apparatus for making felted materials. 2,373,500; Apr. 10.
Pearce, Gale T., and G. C. Rhodes, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Apparatus for recovering waste materials. 2,386,975; Oct. 16.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,388,702; Nov. 13.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Motor protector. 2,388,800; Nov. 13.
Pearce, George W., and A. W. Avens, Geneva, N. Y. Zinc calcium arsenate. 2,368,565; Jan. 30.
Pearce, George W., and A. W. Avens, Geneva, N. Y. Preparing copper arsenicals. 2,388,496; Nov. 6.
Pearce, Walter H., North Hills, assignor to The Brown Instrument Company, Philadelphia, Pa. Galvanometer. 2,380,609; July 31.
Pearl, William A., Chicago, assignor to Whiting Corporation, Harvey, Ill. Apparatus for washing stack gases. 2,387,345; Oct. 23.
Pearce, William E., Montreal, Quebec, Canada. Ski pole. 2,390,267; Dec. 4.
Pearne, Frank Y., Alhambra, and J. D. Rossier, Downey, assignors to Pacific Clay Products, Los Angeles, Calif. Machine for cutting objects. 2,386,341; Oct. 9.
Pearsall, David E., Avon, assignor to The Ensign-Bickford Company, Simsbury, Conn. Manufacture of wax-like composition. 2,374,617; Apr. 24.
Pearsall, David E., Avon, assignor to The Ensign-Bickford Company, Simsbury, Conn. Modification of mineral wax-type compositions. 2,387,529; Oct. 23.
Pearsall, Earle S., Jr., Hollywood, and R. Richolt, Tujunga, Calif., assignors to Lockheed Aircraft Corporation. Aircraft control system. 2,389,274; Nov. 20.
Pearson, Albert: *See*—
Kivley, R. C., and Pearson.
Pearson, Edgar H.: *See*—
Eckhardt, F. F., Pearson, and Albertine.
Pearson, Elmer O., Seattle, Wash. Journal bearing. 2,381,513; Aug. 7.
Pearson, Gardner W., et al.: *See*—
Boyd, William P., assignor.
Pearson, Gerald L.: *See*—
Kleimack, J. L., and Pearson.
Pearson, Gerald L., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistance device. 2,391,506; Dec. 25.
Pearson, Harold E., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker control mechanism. 2,376,503; May 22.
Pearson, Harold E., Bethlehem, Pa., assignor, by mesne assignments, to Realty and Industrial Corporation, Convent, N. J. Circuit breaker control mechanism. 2,388,934; Nov. 13.
Pearson, Henry L.: *See*—
Oldreive, Percy N., assignor.
Pearson, Herbert, Liversedge, England. Air filter. 2,388,933; Nov. 13.
Pearson, John H., assignor to Patent Protection Corporation, Lowell, Mass. Heating device for canteens. 2,386,501; Oct. 9.
Pearson, Otto H., assignor to L. N. Strike, Salt Lake City, Utah. Control mechanism for pressing machines. 2,371,466; Mar. 13.
Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Air heater and circulator for can end drying machines. 2,391,339; Dec. 18.
Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Crown cap spotting apparatus. 2,391,340; Dec. 18.
Pearson, Paul E., and A. Treff, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Apparatus for spraying container parts. 2,390,457; Dec. 4.
Pearson, Paul E., and A. Treff, Chicago, Ill., assignors to Continental Can Company, New York, N. Y. Machine for applying sealing compound to container ends. 2,391,341; Dec. 18.
Pearson, Reinhold A., Spokane, Wash. Conveyer. 2,384,959; Sept. 18.
Pearson, Robert W.: *See*—
Bent, J. H., and Pearson.
Pearson, Robert W., and L. C. Poole, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Photoelectric control system. 2,385,725; Sept. 25.
Pearson, Valentine, et al.: *See*—
Krantz, Edward, assignor.
Pease, Benjamin F., Jr., Grafton, Mass. Lubricating device. Re. 22,647; May 29.
Pease, C. F., Company, The: *See*—
Brunk, Harold J., assignor.
Pease, Charles F., Long Beach, Calif. Coin control apparatus. 2,370,684; Mar. 6.
Pease, Charles F., Long Beach, Calif. Dispensing unit. 2,382,576; Aug. 14.
Pease, Charles F., Long Beach, Calif. Vending machine. 2,388,497; Nov. 6.
Pease, Fred F., Squantum, assignor to Lever Brothers Company, Cambridge, Mass. Cutting and spacing device. 2,367,310; Jan. 16.
Pease, Fred F., Squantum, assignor to Lever Brothers Company, Cambridge, Mass. Method and apparatus for transforming substantially non-form-retaining masses into solid cakes or bars. 2,373,593; Apr. 10.
Pecher, Lawrence H., Akron, Ohio. Fish lure. 2,380,328; July 10.
Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Treatment of chlorides of chromium. 2,368,323; Jan. 30.
Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Control mechanism. 2,370,187; Feb. 27.
Pechy, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Sheet feeding mechanism. 2,374,698; May 1.
Peck, Clarence E., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas generator unit. 2,381,306; Aug. 7.
Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Regeneration of spent catalysts. 2,390,323; Dec. 4.
Peck, Wesley R., Sacramento, Calif. Compensating poppet valve. 2,386,003; Oct. 2.
Peck, William F., Snyder, assignor to Spencer Lens Company, Buffalo, N. Y. Binocular or the like. 2,370,257; Feb. 27.
Peck, William F., Snyder, and A. A. Gradisar, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Eye testing apparatus. 2,366,554; Jan. 2.
Peck, William F., Snyder, and G. E. Guellich, Buffalo, N. Y., assignors, by mesne assignments, to American Optical Company, Southbridge, Mass. Optical tool gauge. 2,389,544; Nov. 20.
Pecker, Harry, Swampscott, Mass. Buttonhole strip. 2,373,594; Apr. 10.
Pecker, Joseph S., assignor to Machine & Tool Designing Co., Philadelphia, Pa. Catalytic converter. 2,376,271; May 15.
Pecker, Joseph S., and H. A. Simpson, Philadelphia, and A. S. Kirshner, Llanerch, Pa., assignors to Celanese Corporation of America. Wrapping machine. 2,381,078; Aug. 7.
Pecora Paint Company: *See*—
Good, Frederick C., assignor.
Pedersen, Charles J.: *See*—
Downing, F. B., and Pedersen.
Pedersen, Charles J., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,373,049; Apr. 3.
Pedersen, Charles J., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization or organic substances. 2,382,904; Aug. 14.
Pedersen, Charles J., Penns Grove, N. J., and R. O. Bender, Ridley Park, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of petroleum hydrocarbons. 2,382,905; Aug. 14.
Pedersen, Charles J., Penns Grove, N. J., and R. O. Bender, Ridley Park, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of petroleum hydrocarbons. 2,382,906; Aug. 14.
Pedersen, Hayes N., Racine, Wis. Toy card. 2,377,572; June 5.
Pedersen, Hayes N., Racine, Wis. Game. 2,390,458; Dec. 4.
Pedersen, Mathias, Brooklyn, N. Y., assignor to American Machine and Foundry Company. Sewing machine. 2,383,677; Aug. 28.
Pedersen. Peter H., Copenhagen, and H. Nielsen, Buddinge Pr. Soborg, Denmark; vested in the Alien Property Custodian. Safety-razors with a comb member co-operating with one or more cutters. 2,380,461; July 31.
Pedersen, Peter S.: *See*—
Reichert, W., Pedersen and Price.
Pedley, Arthur, Bentley, near Walsall, assignor to Rubery Owen & Co. Limited, Darlaston, England. Spot-welding machine. 2,389,324; Nov. 20.
Pedrazzo, Adone R., Union City, and E. R. Pedrazzo, West New York, assignors to Botany Worsted Mills, Passaic, N. J. Loom. 2,374,951; May 1.

Pedrazzo, Adone R., Union City, and E. R. Pedrazzo, West New York, assignors to Botany Worsted Mills, Passaic, N. J. Loom. 2,374,952; May 1.
Pedrazzo, Emil R.: *See*—
Padrazzo, Adone R. and E. R.
Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Manufacture of preserved food products. 2,368,945; Feb. 6.
Peek, Henry L.: *See*—
Cumming, J. M., and Peek.
Boden, S. H., and Peek.
Peek, Henry L., Camp Gordon, Ga., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,379,178; June 26.
Peek, Henry L., Camp Gordon, Ga., and J. M. Cumming, Turtle Creek, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker. 2,381,307; Aug. 7.
Peel, Robert: *See*—
Bolden, G. L., and Peel.
Peeps, Donald J., assignor to The De Vilbiss Company, Toledo, Ohio. Spray nozzle. 2,373,595; Apr. 10.
Peer, Arthur R., Berkeley Spring, W. Va. Gradometer. 2,374,124; Apr. 17.
Peer, Lyle H. B., Schenectady, N. Y., assignor to General Electric Company. Display apparatus. 2,377,175; May 29.
Peerless Equipment Company: *See*—
Van Loan, Morton, Jr., assignor.
Peerless Handcuff Company: *See*—
Kelley, Francis G., assignor.
Peerless Tube Company: *See*—
Remington, F., and Tartaglia, assignors.
Peerpatco, Incorporated: *See*—
Pavlish, A. E., and Austin, assignors.
Peery, Norman E., assignor to Shell Development Company, San Francisco, Calif. Contacting vapors or gases with finely divided contact materials. 2,386,169; Oct. 2.
Peevey, Lafayette H., Alameda, Calif. Outlet box extension. 2,378,861; June 19.
Peevey, Lafayette H., Alameda, Calif. Conduit or pipe support. 2,382,577; Aug. 14.
Peffer, Charles L., New York, N. Y. Eyeshield or visor. 2,377,645; June 5.
Pegg, Edward H. R., and I. R. Cummings, Lakewood, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical dust-precipitator system and interchangeable parts therefor. 2,380,992; Aug. 7.
Peik, Paul G., assignor to The General Tire & Rubber Company, Akron, Ohio. Sound deadener. 2,386,502; Oct. 9.
Peiker, Alfred L.: *See*—
Kienle, R. H., Amick, and Peiker.
Kienle, R. H., and Peiker.
Peirce, Allison R., El Paso, Tex. Propelling means. 2,374,125; Apr. 17.
Peirce, George A.: *See*—
Hill, D. P., and Peirce.
Peirce, William B., Pittsburgh, assignor to Flannery Bolt Company, Bridgeville, Pa. Drill rod. 2,373,850; Apr. 17.
Peirson, Harold T., Brooklyn, N. Y. Seal for window sash. 2,383,155; Aug. 21.
Peitzman, Ralph M.: *See*—
Levin, Nathan, assignor.
Pejka, John, Detroit, Mich. Combination bed. 2,371,409; Mar. 13.
Pekny, Edward R., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Latch. 2,378,654; June 19.
Pelenberg, Joseph, New York, N. Y. Electric egg cooker. 2,372,978; Apr. 3.
Pell, Phil S., and A. F. Wallace, Honolulu, Hawaii. Cable and structural shape cutter. 2,384,130; Sept. 4.
Pelland, Raymond L., Jr., assignor to National Cylinder Gas Company, Chicago, Ill. Torch holding and adjusting device. 2,390,896; Dec. 11.
Pellegrino, Joseph, Palisade Park, N. J., assignor to American Can Company, New York, N. Y. Can uprighting device. 2,370,188; Feb. 27.
Pellett, Fred G., Alplaus, N. Y., assignor to General Electric Company. Mica sheet and making the same. 2,367,047; Jan. 9.
Pelling Chain Company: *See*—
Lawson, Birdsall P., assignor.
Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Gear cutter. 2,374,890; May 1.
Peltier, Frank D., Horsham, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Evaporator. 2,381,686; Aug. 7.
Peltier, Frank D., Horsham, assignor to Philco Corporation, Philadelphia, Pa. Evaporator-condenser construction. 2,387,465; Oct. 23.
Pelton Water Wheel Company, The: *See*—
White, Ira M., assignor.
Pelzer, Harold H., assignor to Michael M. Scharf, New York, N. Y. Sewing machine attachment. 2,378,096; June 12.
Pemberton, George H.: *See*—
McGrory, W. L., Pemberton, and Marinetti.
Pemberton, J. R., et al.: *See*—
Dale, Clarence R., assignor.
Pemco Corporation: *See*—
Stufft, Paul C., assignor.
Turk, Richard H., assignor.
Peña, Rafael J., New York, N. Y., assignor to Oxzyn Company. Manufacture of multiply devices. 2,382,169; Aug. 14.
Peña, Ralph J.: *See*—
Valentine, J. E., and Peña.
Penberthy, Harvey L., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for grinding and polishing wedges. 2,378,243; June 12.
Penberthy, Harvey L., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of optical surfaces. 2,382,660; Aug. 14.
Penberthy, Harvey L., assignor to Eastman Kodak Company, Rochester, N. Y. Forming lens surfaces. 2,384,638; Sept. 11.
Pendry, William J., Brentwood, Calif. Folding table. 2,389,930; Nov. 27.
Penick, Arthur J., Houston, Tex. Cleaning mop. 2,373,050; Apr. 3.
Penick, Arthur J., Houston, Tex. Valve assembly. 2,376,619; May 22.
Penick, Arthur J., Houston, Tex. Producing equipment for wells. 2,382,578; Aug. 14.
Penick, Arthur J., Houston, Tex. Gate valve assembly. 2,385,463; Sept. 25.
Penisten, J. Robert, assignor to Universal Oil Products Company, Chicago, Ill. Hydrogen fluoride alkylation process. 2,273,338; Mar. 27.
Penker, Ernest, Flushing, assignor to Etched Products Corporation, Long Island City, N. Y. Method of and apparatus for indexing dials. 2,372,389; Mar. 27.
Penn Electric Switch Co.: *See*—
Houghton, L. S., and Rothwell, assignors.
Kearney, Kenneth O., assignor.
Rothwell, J. J., and Wagner, assignors.
Shaw, Burton E., assignor.
Shaw, B. E., and Swanson, assignors.
Penn, Melvin P., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,373,909; Apr. 17.
Penn-Standard Sole Cementing Process, Inc.: *See*—
Anderson, William S., assignor.
Penney, Elizabeth, executrix: *See*—
Penney, Harold D.
Penney, H. D., and Whiteman.
Penney, Gaylord W., and R. A. Nielsen, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Gas-cleaning means and methods. 2,382,253; Aug. 14.
Penney, Gaylord W., and R. A. Nielsen, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Precipitator. 2,382,254; Aug. 14.
Penney, Harold D., deceased, Pelham, N. Y., by E. Penney, executrix, Stamford, Conn., assignor to Dunwoody Automatic Gun and Projectile Company, Washington, D. C. Breech mechanism for firearms. 2,370,189; Feb. 27.
Penney, Harold D., deceased, Pelham, and C. E. Whiteman, Richmond Hill, N. Y.; E. Penney, executrix, assignors to P. H. Bosse, Chicago, Ill. Ash tray for vehicles and the like. 2,377,713; June 5.
Penney, Raymond A., assignor to St. Paul Hydraulic Hoist Company, Minneapolis, Minn. Truck elevator. 2,390,268; Dec. 4.
Penning, Nicholas J., Milwaukee, Wis. Sealing composition. 2,388,568; Nov. 6.
Pennington, David M., North Hollywood, Calif. Stand. 2,375,685; May 8.
Pennington, Edmund W.: *See*—
Bergstron, Carl A. and W. C., Hedin, and Pennington.
Pennington, Gordon R., Bloomfield Hills, assignor to Chrysler Corporation, Highland Park, Mich. Clutch control. 2,387,346; Oct. 23.
Pennock, Joseph R., Cleveland, Ohio. Trouser supporter. 2,367,238; Jan. 16.
Pennow, Willis A., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting unit. 2,376,806; May 22.
Pennsylvania Bituminous Coal Research, Inc.: *See*—
Guthrie, Speer W., assignor.
Pilcher, J. M., and Dennis, assignors.
Spicer, T. S., and Wright, assignors.
Pennsylvania Coal Products Company: *See*—
Cotton, William J., assignor.
Norton, Arthur J., assignor.
Rhodes, Philip H., assignor.
Pennsylvania Crusher Company: *See*—
Krider, George E., assignor.
Pennsylvania Manufacturing Company: *See*—
Hallowell, H. T., Jr., assignor.
Hallowell, Howard T., Jr., assignor.
Pennsylvania Industrial Chemical Corporation: *See*—
Carmody, William H., assignor.
Pennsylvania Railroad Company, The: *See*—
Keller, William M., assignor.
Liebegott, G. H., and Seel, assignors.
Showers, Lewis M., assignor.
Silversparre, Gustav A., assignor.
Steins, Carleton K., assignor.
White, Joseph W., assignor.

Pennsylvania Rubber Company: *See*—
Humphrey, Walter E., assignor.
Larabee, Albert F., assignor.
Pennsylvania Salt Manufacturing Company, The: *See*—
Lowe, Charles S., assignor.
Miles, Charles B., assignor.
Plump, Ralph E., assignor.
Riggs, W. S., and Lehmann, assignors.
Penrose, William F., Irvington, N. J., assignor to Empire Electric Brake Corporation. Rheostat. 2,383,987; Sept. 4.
Pentheny, George W., East Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Valve operating mechanism. 2,385,537; Sept. 25.
Penther, Carl J., and F. B. Rolfson, Oakland, assignors to Shell Development Company, San Francisco, Calif. Electromagnetic apparatus for pipe-line surveys. 2,382,743; Aug. 14.
Pentz, Albert D., New York, N. Y. Centrifugal clutch. 2,367,048; Jan. 9.
Pentz, Albert D., New York, N. Y. Fluid coupling. 2,368,725; Feb. 6.
Pentz, Albert D., New York, N. Y. Power transmission mechanism. 2,381,772; Aug. 7.
People in the territory of the United States, Dedicated to the free use of the: *See*—
Claborn, Houston V.
Derry, Frank M.
Hall, S. A., Travis, and Jones.
Love, Howard T.
Peoples Trust Company, Executors, et al.: *See*—
Every, Elmer D.
Pepersack, Francis J.: *See*—
Ebel, W. K., and Pepersack.
Peppel, William J., Bellemoor, assignor to E. I. du Pont de Nemours & Company. Wilmington, Del. Amides. 2,391,267; Dec. 18.
Pepper, Guy J.: *See*—
Merritt, Charles H., assignor.
Percentograph Inc.: *See*—
Turnbaugh, Elbert L., assignor.
Percoco, Richard A., Mamaroneck, N. Y. Stapling machine. 2,380,785; July 31.
Percoco, Richard A., Mamaroneck, N. Y. Staple. 2,380,786; July 31.
Percy, James W., Jersey City, N. J., assignor to United States Steel Corporation. Pyrometer tube. 2,374,377; Apr. 24.
Percy, James W., Jersey City, J. Johnston, Short Hills, and R. B. Sosman, Westfield, N. J., assignors to United States Steel Corporation of Delaware. Surface temperature pyrometer. 2,366,285; Jan. 2.
Percy, Joseph H., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treatment of fatty glycerides. 2,383,614; Aug. 28.
Perfect Circle Company, The: *See*—
McFall, T. E., and Norton, assignors.
Teetor, Macy O., assignor.
Perfection Products Co., Inc.: *See*—
Madan, Philip K., asignor.
Perfection Stove Company: *See*—
Focke, T. B., Dahlstrom, and Kirkpatrick, assignors.
Perfex Corporation: *See*—
Deubel, Justin A., assignor.
Hotchkiss, Clifford, assignor.
Malone, Homer E., assignor.
Malone, H. E., and Frerer, assignors.
Miller, Wayland R., assignor.
Stuart, Fred W., assignor.
Tate, Virgil R., assignor.
Perham, Roy G., Hasbrouck Heights, N. J. Clamp for returning the edges of a wound in apposition. 2,371,978; Mar. 20.
Perishables Shipping Equipment Company: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway, assignors.
Perkin-Elmer Corporation, The: *See*—
Brueske, George A., assignor.
Perkins, Albert G., Warsaw, N. Y., assignor to Centriline Corporation, Ampere, N. Y. Pipe coating apparatus. 2,373,638; Apr. 10.
Perkins, Eugene M., Boston, Mass. Razor. 2,383,887; Aug. 28.
Perkins, Leon F., Wayland, Mass. Interchangeable typewriter carbon. 2,370,749; Mar. 6.
Perkins Machine and Gear Company: *See*—
Oakley, John, assignor.
Perkins, Myrle M.: *See*—
Belchetz, A., and Perkins.
Keith, P. C., and Perkins.
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Preparation of alicyclic-alkyl halides. 2,377,714; June 5.
Perkins, Roderick B., Jr.: *See*—
Nees, G. S., and Perkins.
Perkins, Walter W., and E. Annis, Salem, assignors to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,373,336; Apr. 10.
Perlin, Samuel, New York, N. Y. Portfolio. 2,390,958; Dec. 11.
Permanente Metals Corporation, The: *See*—
Mower, W. W., and Van Loenen, assignors.
Permutit Company, The: *See*—
Bowers, Herbert L., assignor.
Dean, J. G., Heiligman, and Riley, assignors.
Gurney, William B., assignor.
Liebknecht, Otto, assignor.
Nachod, Frederick C., assignor.
Pick, Eric, assignor.
Riley, R., and Nachod, assignors.
Pero, George J., Mount Pleasant, Iowa. Metal-cutting machine. 2,367,521; Jan. 16.
Perret, Henri, Zug, Switzerland, assignor to Landis & Gyr, A. G. Toggle mechanism. 2,368,775; Feb. 6
Perret, Henri, Zug, Switzerland, assignor to Landis & Gyr, A. G. Electric switch. 2,382,022; Aug. 14.
Perreton, Arnold, Durham, N. H. Window sash support. 2,374,618; Apr. 24.
Perri, Antonio, McKees Rocks, Pa. Paddle construction. 2,371,541; Mar. 13.
Perrin, Francis: *See*—
Goldstein, L., and Perrin.
Perrin, Francis, and B. Pregel, assignors to Canadian Radium & Uranium Corporation, New York, N. Y. Relay. 2,375,130; May 1.
Perrine, John H.: *See*—
Bruun, J. H., and Perrine.
Perrine, John H., Prospect Park, assignor to Sun Oil Company, Philadelphia, Pa. Amides. 2,389,453; Nov. 20.
Perrot, Henri, Paris, France; vested in the Alien Property Custodian. Pressed metal sole for shoes and shoe embodying said sole. 2,371,912; Mar. 20.
Perrotta, Raffaele, Pueblo, Colo. Car seal. 2,368,613; Feb. 6
Perry, Andrew W., Harrow, assignor to Pictorial Machinery Limited, London, E. C. I. England. Press, particularly for photographic purposes. 2,375,491; May 8.
Perry, Anthony T., Owensboro, Ky., assignor to American Telephone and Telegraph Company. Testing arrangement for trunks to community dial offices. 2,389,076; Nov. 13.
Perry, Arlington C., assignor to Armstrong Cork Company, Lancaster, Pa. Apparatus for making variegated hard surface covering. 2,374,496; Apr. 24.
Perry, David B., assignor to Morse Chain Company, Ithaca, N. Y. Silent type chain. 2,379,825; July 3.
Perry, Edward W., Euclid, Ohio. Cooking grill. 2,384,847; Sept. 18.
Perry, Edward W., Euclid, assignor of thirty per cent to W. A. Stuart, Cleveland Heights, and thirty per cent to T. F. Schilling, Elyria, Ohio. Airplane propeller. 2,390,733; Dec. 11.
Perry, Eugene L., Bloomfield, N. J., assignor to Universal Winding Company, Cranston, R. I. Apparatus for forming hollow articles. 2,366,212; Jan. 2.
Perry, Eugene L., Bloomfield, N. J., assignor to Universal Winding Company, Cranston, R. I. Making hollow articles. 2,369,488; Feb. 13.
Perry, Eugene L., Bloomfield, N. J., assignor to Universal Winding Company, Boston, Mass. Method of and apparatus for forming tubular articles. 2,385,230; Sept. 18.
Perry, Eugene R., Forest Hills, and H. C. Guhl, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, Inc., East Pittsburgh, Pa. Pad. 2,372,114; Mar. 20.
Perry, Frank R., Sacramento, Calif. Making abrasive material. 2,383,988; Sept. 4.
Perry, Frederick J., Sr., North Arlington, N. J. Sheet binding means. 2,372,115; Mar. 20.
Perry, Landis H., assignor to Don Baxter, Inc., Glendale, Calif. Tubing and needle holder. 2,366,424; Jan. 2.
Perry, Norvin: *See*—
Phinney, Robert H.
Perry, Richard G.: *See*—
Wylde, J. R., and Perry.
Perry, Robert E. W., West Hollywood, Los Angeles, Calif. Apparatus for practicing football goal kicking. 2,382,744; Aug. 14.
Perry, Stanley, Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Horizontal pot type burner. 2,391,069; Dec. 18.
Perry, Stanley, Chicago, Ill., and M. D. Huston, Columbus, Ohio, assignors to Oil Devices, Santa Fe, N. Mex. Adjustable tertiary air supply means for pot type burners. 2,373,910; Apr. 17.
Perry, Stephen F., Roselle, N. J., assignor to Standard Oil Development Company. Isomerization process. 2,391,189; Dec. 18.
Perry, Thomas M., West Hartford, and F. H. Hunter, Wethersfield, assignors to M. H. Rhodes Incorporated, Hartford, Conn. Mechanical time fuse for ordnance equipment. 2,376,080; May 15.
Perry, Walter M., Glenbrook, Conn. One-piece self-locking nut. 2,390,662; Dec. 11.
Perry, William E.: *See*—
Arnold, M. H. M., and Perry.
Perry, William R., and P. B. Reeves, assignors to Reeves Pulley Company, Columbus, Ind. Revolution indicator. 2,370,992; Mar. 6.
Perry, Winthrop L., and E. J. Abbott, assignors to Abbott Machine Company, Wilton, N. H. Winding machine. 2,377,367; June 5.

Perryman, George H., Teaneck, N. J. Table tennis ball manufacture. 2,378,034; June 12.
Pershing, Richard S.: *See*—
Isenberg, R. A., Pershing, King, Jr., Patton, and Caraway.
Persin, Jean, Paris, France; vested in the Alien Property Custodian. Press button closure band. 2,382,907; Aug. 14.
Persinger, James R., Burbank, Calif. Shoe holder. 2,383,678; Aug. 28.
Persons, Merle C., Fort Sill, Okla Airplane mooring appliance. 2,380,702; July 31.
Persson, Sven H., assignor to Aktiebolaget Duba, Stockholm, Sweden. Chlorine dioxide manufacture. 2,376,935; May 29.
Pertile, Albeno D., and H. J. Barnett, Tacoma, Wash. Strongback. 2,377,933; May 29.
Pertuit, Hector V., New Orleans, La. Grapple. 2,387,408; Oct. 23.
Pesco Products Co.: *See*—
Alders, William H., assignor.
Compton, James A., assignor.
Compton, J. A., and Paul, assignors.
Haberland, Frederick, assignor.
Lauck, John A.
Lauck, John A., assignor.
Roth, Jay M., assignor.
Peter, Albin, Basel, assignor to Sandoz A. G., Fribourg, Switzerland. Acylamines of the anthraquinone series and their manufacture. 2,374,891; May 1.
Petering, Harold G., Metuchen, N. J., and P. W. Morgal, East Lansing Mich., assignors to The Michigan State Board of Agriculture. Isolating chemical compounds from materials of nature. 2,383,561; Aug. 28.
Petering, Wilbur H.: *See*—
Aitchison, A. G., and Petering.
Petering, Wilbur H., South Charleston, W. Va., and A. G. Aitchison, Westfield, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process. 2,371,644; Mar. 20.
Petering, Wilbur H., Metuchen, and A. G. Aitchison, Westfield, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process. 2,371,646; Mar. 20.
Petering, Wilbur H., Metuchen, and A. G. Aitchison, Westfield, N. J., assignors to Westvaco Chlorine Products Corporation, New York, N. Y. Degreasing process. 2,371,647; Mar. 20.
Petermann, William B., et al., trustees: *See*—
Boehmler, Erving M., assignor.
Peters, Byron M., Lathrop, Calif. Agricultural cart. 2,377,959; June 12.
Peters, Carl E.: *See*—
Rau, D. K., and Peters.
Peters, John G.: *See*—
Cantrell, T. L., and Peters.
Peters-Dalton, Inc.: *See*—
Fenn, Orrin E., assignor.
Peters, Francis J.: *See*—
Kimmig, E. W., and Peters.
Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,374,126; Apr. 17.
Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersions of ethylene polymers. 2,384,848; Sept. 18.
Peters, Fred D., Webb City, Okla., assignor to Phillips Petroleum Company. Automatic length adjuster. 2,390,324; Dec. 4.
Peters, Galen H., Los Angeles, Calif. Poppet valve-actuating mechanism. 2,378,726; June 19.
Peters, Harry, Scribner, Nebr. Latching mechanism for endgates. 2,388,075; Oct. 30.
Peters, Henry W., Watertown, Mass. Safety catch and making the same. 2,378,496; June 19.
Peters, James S.: *See*—
Scott, W. F., and Peters.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Can body maker. 2,379,920; July 10.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Can body necking-in machine. 2,380,462; July 31.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Can body maker. 2,390,120; Dec. 4.
Peters, John G.: *See*—
Smith, H. G., Cantrell, and Peters.
Peters, Lawrence E., Muncie, Ind. Airplane wing. 2,372,447; Mar. 27.
Peters, Melville F., Beltsville, Md., and J. E. D. McCarty, Jackson Heights, N. Y.; said McCarty assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Spark plug. 2,367,840; Jan. 23.
Peters, Melville F., Beltsville, Md, and R. H. Stone, deceased, by E. E. Stone, Middlesex, N. J., and E. D. Stone, Rochester, N. Y., executrices; said Peters and R. H. Stone assignors to Titeflex, Inc. Radio shielding. 2,368,376; Jan. 30.
Peters, Melville F., Beltsville, Md. Commutator brush. 2,375,818; May 15.
Peters, Walter C., Horley, England. Lock nut. 2,385,159; Sept. 18.
Petersen, Albert O., San Francisco, Calif. Launching device for ships. 2,372,390; Mar. 27.
Petersen, Charles A., Erie, Pa., assignor to General Electric Company. Electric protective system. 2,382,908; Aug. 14.
Petersen, Johannes, Aalborg, Denmark; vested in the Alien Property Custodian. Coin-actuated device. 2,371,260; Mar. 13.
Petersen, Julius S., Burlington, Iowa, J. W. Miller, Toledo, H. L. Wendshuh, Maumee, and B. H. Moser, assignors to The De Vilbiss Company, Toledo, Ohio. Spray coating machine. 2,376,980; May 29.
Petersen, Leland B., Salt Lake City, Utah, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Inverted primer removal device. 2,383,339; Aug. 21.
Petersen, Otto H., Schenectady, N. Y., assignor to General Electric Company. Control and indicating apparatus. 2,370,576; Feb. 27.
Petersen, Robert P., Philadelphia, Pa. Mold for concrete bombs. 2,388,569; Nov. 6.
Petersen, Thorkild, Elgin, Ill., assignor to Pure Milk Cheese Co. Cheese forming apparatus and method. 2,366,553; Jan. 2.
Petersen, Thorvald, assignor to Reed Manufacturing Company, Erie, Pa. Folding tripod. 2,380,911; July 31.
Petersen, Walter C., and M. G. Kuch, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Cable lift frame assembly for tractors. 2,376,181; May 15.
Petersen, William H., assignor to Sheetlock Company, Chicago, Ill. Joining and cornering strips. 2,379,179; June 26.
Peterson, Adolphe C., Minneapolis, Minn. Auxiliary autogyro means. 2,385,464; Sept. 25.
Peterson, Adolphe C., Minneapolis, and C. R. Raiter, St. Paul, Minn. Sewage sludge, screenings, and garbage combustion apparatus. 2,389,077.
Peterson, Alfred J. A.: *See*—
MacNeill, J. B., Peterson, and Parker.
Travers, H. A., and Peterson.
Peterson, Amos J., Berwyn, assignor to Club Aluminum Products Co., Chicago, Ill. Filter device for coffee maker. 2,390,269; Dec. 4.
Peterson, Arnold P. G.: *See*—
Karplus, E., and Peterson.
Peterson, Arthur L., Long Beach, Calif. Dental floss holder. 2,375,686; May 8.
Peterson, Carl C., Burlington, Ontario, Canada. Hand nail driving and countersinking apparatus. 2,379,826; July 3.
Peterson, Carl D., and A. H. Deimel, assignors to Spicer Manufacturing Corporation, Toledo, Ohio. Power transmission. 2,369,369; Feb. 13.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Balking ring clutch. 2,378,788; June 19.
Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Overrunning clutch construction. 2,382,331; Aug. 14.
Peterson, Carl D., and E. J. Barth, Toledo, Ohio. Gear shifting mechanism. 2,385,231; Sept. 18.
Peterson, Carl D., and R. R. Burkhalter, Toledo, Ohio. Synchronizing clutch. 2,391,268; Dec. 18.
Peterson, Carl E., Upper Montclair, N. J. Cutting implement. 2,382,440; Aug. 14.
Peterson, Dewey A.: *See*—
McMordie, S., and Peterson.
Peterson, Edward S., Elmwood Park, Ill., assignor to Automatic Electric Laboratories, Inc. Radio antenna controlling system. 2,374,892; May 1.
Peterson, Edwin L., New York, and G. W. Papenmeyer, Malverne, N. Y., assignors to American Telephone and Telegraph Company. Automatic telephone answering system. 2,376,272; May 15.
Peterson, Eric W.: *See*—
Gibson, J. L., and Peterson.
Peterson, Ernest, Cuyahoga Falls, and A. B. Merrill, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Composite roll. 2,367,796; Jan. 23.
Peterson, Frederick H., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button attaching machine. 2,377,263; May 29.
Peterson, Frederick H., Watertown, and R. R. Clarke, assignors to The Patent Button Company, Waterbury, Conn. Snap fastener. 2,385,880; Oct. 2.
Peterson, Harold A.: *See*—
Boehne, E. W., and Peterson.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Transmission line seal and insulator. 2,368,566; Jan. 30.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Directive antenna. 2,375,580; May 8.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency measuring system. 2,380,868; July 31.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic recording system. 2,385,641; Sept. 25.
Peterson, Harry B., Jr., Drexel Hill, Pa., assignor to The Baldwin Locomotive Works. Reversing mechanism for engines. 2,376,182; May 15.
Peterson, Harry B., Jr., Drexel Hill, Pa., assignor to The Baldwin Locomotive Works. Cab structure for Diesel engines. 2,385,642; Sept. 25.

Peterson, Hillis S., assignor to Higgins Industries, Incorporated, New Orleans, La. Vibration-reducing control unit. 2,385,881; Oct. 2.
Peterson, Howard R., Chicago, Ill., and F. H. MacLaren, Munster, Ind., assignors to Standard Oil Company, Chicago, Ill. Stabilization. 2,374,127; Apr. 17.
Peterson, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide pigment production. 2,369,246; Feb. 13.
Peterson, Joel B.: *See*—
Barthen, C. L., Peterson, and McClintock.
Peterson, John A., and J. E. Bruce, Chicago, Ill. Towel rack. 2,388,366; Nov. 6.
Peterson, Kermit W., et al.: *See*—
Hedberg, Aldrich R., assignor.
Peterson, Merlin D.: *See*—
Brooks, R. E., Peterson, and Weber.
Peterson, Merlin D.: *See*—
Weber, A. G., and Peterson.
Peterson, Merlin D., Edgemoor Terrace, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cyclohexane. 2,373,501; Apr. 10.
Peterson, Merlin D., Edgemoor Terrace, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,388,178; Oct. 30.
Peterson, Norman R., assignor to The Dow Chemical Company, Midland, Mich. Making porous insulating articles. 2,378,322; June 12.
Peterson, Oscar, Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Solubilization of formaldehyde polymers. 2,373,777; Apr. 17.
Peterson, Oscar R., Oakland, assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Wheel gauge adjustment. 2,371,261; Mar. 13.
Peterson, Oscar R., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Heavy duty portable crane. 2,380,069; July 10.
Peterson, Raymond A., Pasadena, Calif., assignor to United Geophysical Company, Inc. Geological prospecting system. 2,388,703; Nov. 13.
Peterson, Raymond E., Riverside, Ill., assignor to International Harvester Company. Fuel injection pump. 2,381,555; Aug. 7.
Peterson, Ruben O., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush and brush material. 2,388,867; Nov. 13.
Peterson, Walter H.: *See*—
Anderson, J., Peterson, and McAllister.
Peterson, Walter H., and J. A. Berkeley, assignors to Shell Development Company, San Francisco, Calif. Producing beta-olefins. 2,375,687; May 8.
Peterson, Willard D.: *See*—
Seymour, M. W., and Peterson.
Vittum, P. W., and Peterson.
Peterson, William B., Jr., assignor to Pacific Can Company, San Francisco, Calif. Valve for pressure chambers. 2,374,619; Apr. 24.
Peterson, William R., Chicago, and A. G. Ford, Oak Park, Ill., assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Snap action switch. 2,387,089; Oct. 16.
Peterson, William R., and J. E. La Rocque, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Heat motor. 2,391,342; Dec. 18.
Pethick, Ford C., Scranton, Pa. Loading and unloading vehicles. 2,385,025; Sept. 18.
Petri, Werner: *See*—
Engelhard, H., and Petri.
Petrie, Samuel I., Mount Sidney, Va. Clamp applying tool. 2,386,570; Oct. 9.
Petro-Chem Process Company: *See*—
Wallis, J. S., and Throckmorton, assignors.
Petro-Chem Process Company Incorporated: *See*—
Throckmorton, J. W., and Wallis, assignors.
Wallis, J. S., and Throckmorton, assignor.
Petroe, Gregory A., Kenmore, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Valve mechanism. 2,377,176; May 29.
Petrogalar Laboratories, Inc.: *See*—
Le Beau, Arthur, assignor.
Petroleum Conversion Corporation: *See*—
Dorsett, W. C., Sperling, and Walker, assignors.
Petroleum Heat and Power Company: *See*—
Bulger, William A., assignor.
Petrolite Corporation, Ltd.: *See*—
Allen, Gwynne, assignor.
Blair, Charles M., Jr., assignor.
De Groote, Melvin, assignor.
De Groote, M., and Keiser, assignors.
De Groote, M., Keiser, and Blair, assignors.
De Groote, M., Keiser, and Wirtel, assignors.
Eddy, H. C., assignor.
Eddy, Harold C., assignor.
McDonald, Louis E., assignor.
Morris, Clarence S., assignor.
Nees, G. S., and Perkins, assignors.
Turner, Delber W., assignor.
Wirtel, Arthur F., assignor.
Petrometer Corporation: *See*—
Bierman, Daniel H., assignor.
Petrov, John M., Cleveland, Ohio. Device for computing compound angles. 2,380,070; July 10.
Petrullo, John A., New York, N. Y. Finger cot. 2,389,237; Nov. 20.
Petsch, Harold A.: *See*—
Gille, W. H., and Petsch.
Pettapiece, George S.: *See*—
Lewers, T. R., and Cairns, assignors.
Petter, Noel A., Los Angeles, Calif. Carrier for group of articles. 2,374,893; May 1.
Pettersen, Gunnar N., Oslo, Norway; vested in the Alien Property Custodian. Door closer with oil brake. 2,369,601; Feb. 13.
Petti, Edward E.: *See*—
Budner, Joseph, assignor.
Pettibone Mulliken Corporation: *See*—
Larsen, Paul V., assignor.
Pettit, James W., Portland, Oreg. Cantilever spring. 2,386,571; Oct. 9.
Petty, Daniel H.: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.
Petty, Olive S.: *See*—
Darnell, Edward F., assignor.
Hasbrook, Arthur F., assignor.
Narvarte, Peter E., assignor.
Parr, Josephus O., Jr., assignor.
Reichert, Conrad, assignor.
Rogers, S. D., Rudolph, and Crawford, assignors.
Petty, Olive S., San Antonio, Tex. Automatic volume control for recorder amplifiers. 2,367,049; Jan. 9.
Petty, Wesley, and C. H. Wiley, Effingham, Ill. Screen printing apparatus. 2,369,602; Feb. 13.
Petty, Wilcy, La Grange Park, assignor to United States Gypsum Company, Chicago, Ill. Cementing and applying building tape. 2,366,674; Jan. 2.
Petty, Wilcy, La Grange Park, assignor to United States Gypsum Company, Chicago, Ill. Applying building tape. 2,366,675; Jan. 2.
Petzinger, Ambrose J., Paterson, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical measuring device. 2,390,811; Dec. 11.
Petzold, Ralph, Mitchell, Nebr. Potato extruder. 2,385,538; Sept. 25.
Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,389,739; Nov. 27.
Peyer, Frank, Bethlehem, Pa. Ingot tongs. 2,384,396; Sept. 4.
Peyrebrune, Henri E., River Forest, and B. B. Pasquinelli, assignors to The Miehle Printing Press and Manufacturing Company, Chicago, Ill. Sheet feeder. 2,377,447; June 5.
Pezzaglia, Philip: *See*—
Ross, W. E., and Pezzaglia.
Pezzano, Joseph, Staten Lsland, N. Y. Combination wardrobe and cabinet. 2,375,581; May 8.
Pezzano, Joseph, Staten Island, N. Y. Combination wheel chair, table, and bed. 2,383,340; Aug. 21.
Pfaff, Harry E.: *See*—
Sanderson, D., Pfaff, and Garrison.
Pfaff, Kaspar, M. Erlenbach, and W. Finkenbrink, Frankfort-on-the-Main-Hochst, H. Maier-Bode, W. Kreis, Bitterfeld, K. Meisenburg, Leverkusen, and M. Maisenheimer, Leverkusen-Kuppersteg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Insecticides. 2,375,382; May 8.
Pfann, Harry F., Greenwich, and E. L. Kropa, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Ester gums from polyallyl alcohol. 2,376,504; May 22.
Pfannmuller, Julius, North Plainfield, N. J., and A. L. Schade and H. Schleich, New Dorp, Staten Island, assignors to Wallerstein Company, Inc., New York, N. Y. Bating skins and hides. 2,373,410, Apr. 10.
Pfau, Howard, Cincinnati, Ohio. Men's neckwear. 2,388,993; Nov. 13.
Pfeffer, Anton W., Spokane, Wash. Nail. 2,376,936; May 29.
Pfeffer, Edward C.: *See*—
Maier, C. E., Flugge, and Pfeffer.
Pfeifer, Walter T., New York, N. Y. Engine. 2,380,120; July 10.
Pfeiffer, David C., and J. M. Hill, Dallas, Tex. Desiccating apparatus. 2,374,232; Apr. 24.
Pfeiffer, William C., assignor to The Egry Register Company, Dayton, Ohio. Pin wheel register. 2,389,813; Nov. 27.
Pfeil, Melvin P., Cincinnati, Ohio. Floating signal light. 2,366,929; Jan. 9.
Pfenning, Henry D., Beaverton, assignor of one-half to B. P. John Furniture Corporation, Portland, Oreg. Edge gluing wood veneers. 2,378,244; June 12.
Pfennig, Reuben F.: *See*—
Lillard, J. G., and Pfennig.
Pfenninger, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Gas turbine power plant. 2,390,959; Dec. 11.
Pfingsten, August F., Rock Rapids, Iowa. Combination aerial and turn indicator. 2,366,871; Jan. 9.
Pfizer, Chas., & Co., Inc.: *See*—
Kane, J. H., Finlay, and Amann, assignors.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,374,776; May 1.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,374,777; May 1.

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Battle tank. 2,376,720; May 22.
Pflasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling. 2,366,802; Jan. 9.
Pflasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling. 2,366,803; Jan. 9.
Pfleger, George T., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Centrifugal casting apparatus. 2,381,616; Aug. 7.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,522; Jan. 16.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric circuit arrangement employing delay networks. 2,379,744; July 3.
Pfleger, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,384,336; Sept. 4.
Pfleiderer, Georg, and H.-J. Riedl, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Preparing hydrogen peroxide. 2,369,912; Feb. 20.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Gas expanding closed cellular rubber. 2,372,793; Apr. 3.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Collapsible mold. 2,374,233; Apr. 24.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Reflective vulcanizing chamber. 2,377,177; May 29.
Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Expanded cell tight rubber-avoidance of surface stickiness. 2,383,734; Aug. 28.
Pfohl, Anthony J., and C. M. Wood, assignors to The Philip Carey Manufacturing Company, Lockland, Ohio. Pipe wrapping machine. Re. 22,591; Jan. 16.
Pharo, Lee C., Thetford Mines, Quebec, assignor to Johnson's Company, Thetford Mines, West, Quebec, Canada. Asbestos treatment. 2,386,713; Oct. 9.
Pharo, Lee C., Thetford Mines, Quebec, assignor to Johnson's Company, Thetford Mines, West, Quebec, Canada. Asbestos separating. 2,386,714; Oct. 9.
Pharo, Lee C., Thetford Mines, Quebec, assignor to Johnson's Company, Thetford Mines, West, Quebec, Canada. Asbestos processing. 2,386,715; Oct. 9.
Pheazey, George W., Nottingham, England. Detachable clip fastener. 2,366,456; Jan. 2.
Phelan, Louis A. M., Rockton, Ill. Freezer chamber and evaporator. 2,381,617; Aug. 7.
Phelan, Louis A. M., Beloit, Wis. Package vending machine. 2,385,465; Sept. 25.
Phelan, Stephen R., Memphis, Tenn. Making geophysical surveys. 2,382,093; Aug. 14.
Phelon, Russell E., assignor to Wico Electric Company, West Springfield, Mass. Centrifugal spark control mechanism for flywheel magnetos. 2,388,994; Nov. 13.
Phelps Dodge Corporation: *See*—
Tuwiner, S. B., and Dodge, assignors.
Phelps, Donald S., Harvard, Mass., assignor to The American Agricultural Chemical Company, New York, N. Y. Settling of phosphate ore materials. 2,381,514; Aug. 7.
Phelps Dodge Products Corporation: *See*—
Merrell, Edwin J., assignor.
Phelps, George H., Floral Park, and G. J. Frischmann, Queens Village, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Finishing welded article. 2,385,160; Sept. 18.
Phelps, Guy W., and H. C. Black, assignors to Industrial Patents Corporation, Chicago, Ill. Stabilization of fatty materials. 2,374,234; Apr. 24.
Phelps, Ross H., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Automotive suspension. 2,372,849; Apr. 3.
Phenix, Fladger: *See*—
Whatley, Wilson W., II, assignor.
Phenix Manufacturing Company, Inc.: *See*—
Buehner, Christ, assignor.
Philadelphia Valve Company: *See*—
Jensen, James A., assignor.
Philbrick, Robert S., York, Pa. Pneumatic clutch. 2,379,592; July 3.
Philco Corporation: *See*—
Dailey, Donald E., assignor.
Fayers, Alfred A., assignor.
Jones, Welton P., assignor.
Peltier, Frank D., assignor.
Sunstein, David E., assignor.
Philco Radio and Television Corporation: *See*—
Albright, Robert B., assignor.
Amore, Leo J., assignor.
Barton, Loy E., assignor.
Bingley, Frank J., assignor.
Bingley, F. J., and Bradley, assignors.
Bobb, Lloyd J., assignor.
Bradley, William E., assignor.
Brown, Gilbert G., assignor.
Burton, E. O., and Nichol, assignors.
Closson, Luke E., assignor.
Philco Radio and Television Corporation: *See*—Continued
Dale, Colin B., assignor.
Jensen, D. H. L., and Harman, assignors.
McCoy, Claudius T., assignor.
McDonough, Charles J., assignor.
Paiste, Henry T., Jr., assignor.
Patterson, George, Jr., assignor.
Peltier, Frank D., assignor.
Pittman, Charles A., Jr., assignor.
Rundell, Theodore W., assignor.
Smith, David B., assignor.
Stephan, Ingo L., assignor.
Thompson, Elmer O., assignor.
Travis, Charles, assignor.
Vansant, John S., assignor.
Whittell, P., and Carraine, assignors.
Zindel, George, Jr., assignor.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning apparatus. 2,382,502; Aug. 14.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,391,507; Dec. 25.
Philips Lampen A.-G.: *See*—
Stettler, Oskar, assignor.
Phillips, Benjamin, assignor to Phillips Pump & Tank Company, Cincinnati, Ohio. Lifting jack. 2,369,603; Feb. 13.
Phillips, Bernard C., assignor to The Tillotson Manufacturing Company, Toledo, Ohio. Carburetor. 2,387,676; Oct. 23.
Phillips, Burdette H: *See*—
Daly, G. F., Malmros, and Phillips.
Watson, T. J., and Phillips.
Phillips, Charles C., Cleveland, Ohio. Automatic gas cutoff. 2,375,131; May 1.
Phillips, Dick G.: *See*—
Tiner, W. J., and Phillips.
Phillips, Dorothy E.: *See*—
Hahn, H. V., and Phillips.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Joint for electrical conductors. 2,369,849; Feb. 20.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swing joint. 2,379,035; June 26.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Fluid handling coupling. 2,383,679; Aug. 28.
Phillips, Edwin M., East Orange, N. J. Binder. 2,367,687; Jan. 23.
Phillips, Ellsworth B., assignor of fifty per cent to F. Trinajstrich, and fifty per cent to L. Trinajstrich, Los Angeles, Calif. Collet chuck. 2,383,156; Aug. 21.
Phillips, Eugene H. J., Fort Worth, Tex. Aircraft landing system. 2,371,979; Mar. 20.
Phillips, Ewell C., Dayton, Ohio. Self-sealing fuel tank. 2,391,477; Dec. 25.
Phillips, Frederick G., Port Moody, British Columbia, Canada. Lamp base remover. 2,382,170; Aug. 14.
Philips, George B., Glenshaw, Pa., and J. R. Tuuri, Fairport Harbor, Ohio, assignors to Blaw-Knox Company, Blawnox, Pa. Shaft bearing. 2,388,570; Nov. 6.
Phillips, Gerald E.: *See*—
Hewlett, A. P., and Phillips.
Phillips, Gerald E., Cranford, N. J., assignor to Standard Oil Development Company. Chemical composition. 2,384,960; Sept. 18.
Phillips, Gerald E., Cranford, N. J., assignor to Standard Oil Development Company. Stabilizing a petroleum oil. 2,388,076; Oct. 30.
Philips, Harlow D., assignor to Eastman Kodak Company, Rochester, N. Y. Film spool. 2,391,269; Dec. 18.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Apparatus for treating pistons. 2,368,377; Jan. 30.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,372,979; Apr. 3.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Machine for the manufacture of piston rings. 2,378,960; June 12.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,387,854; Oct. 30.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,387,855; Oct. 30.
Phillips, Harry F., assignor to Baush Machine Tool Company, Springfield, Mass. Boring and milling machine. 2,367,887; Jan. 23.
Phillips, Henry, W. R. Middlebrook, and A. E. Higgins, assignors to Wool Industries Research Association, Leeds, England. Imparting to wool a gloss similar to that of natural silk. 2,373,974; Apr. 17.
Phillips, Hervey B., South Orange, and H. F. Springer, Bloomfield, N. J., assignors to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,372,736; Apr. 3.
Phillips, John P., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Equal movement system. 2,378,497; June 19.

Phillips, John X., Vienna, assignor to G. T. Smith and E. G. Hill, Richmond, Va., trustees. Airplane pickup mechanism. 2,383,680; Aug. 28.
Phillips, Maxwell E., Stockton, Calif. Nut harvester. 2,386,881; Oct. 16.
Phillips, Nelson E.: *See*—
Lovell, W. G. and Phillips.
Phillips, Oliver V.: *See*—
Goble, R. W., Phillips, and Lippincott.
Phillips Petroleum Company: *See*—
Albert, Walter L., Jr., assignor.
Allen, John G., assignor.
Allen, J. G., and Wolk, assignors.
Arnold, Philip M., assignor.
Axe, William N., assignor.
Ayres, Charles E., assignor.
Bailey, G. C., and Reid, assignors.
Bender, Elmer H., assignor.
Benz, George R., assignor.
Bergen, Daniel E., assignor.
Blumer, Donald R., assignor.
Boatright, R. G., Jr., and Hewitt, assignors.
Boyd, James H., Jr., assignor.
Buell, Charles K., assignor.
Carney, Samuel C., assignor.
Carpenter, Frank T., assignor.
Cole, Ralph C., assignor.
Conn, Miller W., assignor.
Dolezal, E., Weber, and Hubby, assignors.
Douslin, Donald R., assignor.
Douslin, D. R., and Weinaug, assignors.
Drennan, Harry E., assignor.
Drennan, H. E., and Schulze, assignors.
Dutcher, Harris A., assignor.
Foster, Arch L., assignor.
Frey, Frederick E., assignor.
Frey, F. E., and Hepp, assignors.
Frey, F. E., and Jones, assignors.
Garretson, Owen L., assignor.
Gerson, Gerhard, assignor.
Hachmuth, Karl H., assignor.
Hays, Harrison L., assignor.
Helmers, Carl J., assignor.
Hepp, Harold J., assignor.
Hillyer, John C., assignor.
Hudson, T. B., and Turner, assignors.
Huntington, Richard L., assignor.
Jones, Jean P., assignor.
Katz, D. L., and Whaley, assignors.
Kaveler, H. H., and Piety, assignors.
Kelley, Carl S., assignor.
King, R. A., Word, and Sims, assignors.
Krejci, Joseph C., assignor.
Latchum, John W., Jr., assignor.
Latchum, J. W., Jr., and Upham, assignors.
Legatski, Harold R., assignor.
Loy, John W., assignor.
Mahan, John E., assignor.
Matuszak, Maryan P., assignor.
Mayfield, Franklin D., assignor.
Messmore, H. E., and Mason, assignors.
Morris, Lloyd C., assignor.
Nye, J. Marshall, assignor.
Oberfell, George G., assignor.
Oberfell, G. G., and Jones, assignors.
Owen, James R., assignor.
Pankratz, Howard J., assignor.
Patterson, Robert J., assignor.
Peters, Fred D., assignor.
Piety, Raymond G., assignor.
Pryor, Robert C., assignor.
Reid, James A., assignor.
Riise, John A., Jr., assignor.
Roach, Wendell W., assignor.
St. Clair, Theodore A., assignor.
Schulze, Walter A., assignor.
Schulze, W. A., and Axe, assignors.
Schulze, W. A., and Guyer, assignors.
Schulze, W. A., Hillyer, and Drennan.
Schulze, W. A., and Hillyer, assignors.
Schulze, W. A., Hillyer and Drennan, assignors.
Shanley, James J., assignor.
Short, Graham H., assignor.
Short, G. H., and Morris, assignors.
Short, G. H., and Oberfell, assignors.
Sievers, Carl F., assignor.
Snow, Robert D., assignor.
Storment, Joseph E., assignor.
Tooke, James W., assignor.
Upham, John D., assignor.
Upham, J. D., and Wolk, assignors.
Wagner, Cary R., assignor.
Walls, W. S., and Dean, assignors.
Whaley, Thomas H., assignor.
Whaley, Thomas H., Jr., assignor.
Weber, Louis J., assignor.
Welling, Charles E., assignor.
Whaley, Thomas H., Jr., assignor.
Wolk, I. Louis, assignor.
Wolk, I. L., and Upham, assignors.
Wolk, I. L., and Whaley, assignors.
Phillips Pump & Tank Company: *See*—
Phillips, Benjamin, assignor.
Phillips, Sydney H., Los Angeles, and C. C. Wisberg, El Segundo, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Tube closure. 2,371,913; Mar. 20.
Phillips, William A., London, E. C. 4, England. Composite structure and structural element. 2,389,238; Nov. 20.
Phillips, William M., Jr.: *See*—
Linkh, G., and Phillips.
Phillips, William M., Jr., assignor to The Udylite Corporation, Detroit, Mich. Torch for welding thermoplastic material. 2,372,737; Apr. 3.
Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Abrasive cut-off machine. 2,388,434; Nov. 6.
Philo, Frank G., Long Beach, Calif., assignor to General Electric Company. Governing mechanism. 2,368,567; Jan. 30.
Phinney, Robert H., New York, N. Y., and N. Perry, Stamford, Conn.; said Perry assignor to said Phinney. Apparatus for sorting articles. 2,369,794; Feb. 20.
Phipps, John D. B., London, England. Liquid-operated classifier. 2,373,051; Apr. 3.
Phipps, John T., Huntington Park, assignor to H. C. Smith Oil Tool Co., Compton, Calif. Bit. 2,370,070; Feb. 20.
Phipps, John T., Huntington Park, assignor to M. O. Johnston Oil Field Service Corporation, Los Angeles, Calif. Hook wall well packer. 2,382,094; Aug. 14.
Phipps, John T., Whittier, assignor, by mesne assignments, to Vernon Tool Co. Ltd., Alhambra, Calif. Locking and setting device. 2,389,869; Nov. 27.
Phonovision Corporation: *See*—
Eakins, John F., assignor.
Photoplastic Corporation: *See*—
Yanes, Francisco G., assignor.
Photo-Positive Corporation: *See*—
Crouse, George B., assignor.
Photoswitch Incorporated: *See*—
Wolfner, William F., II, assignor.
Piazze, Thomas E., Lyndhurst, N. J., assignor, by mesne assignments, to Champlain Company, Inc., New York, N. Y. Printing press. 2,368,776; Feb. 6.
Piazze, Thomas E., Lyndhurst, N. J., assignor, by mesne assignments, to Champlain Company, Inc., New York, N. Y. Inking mechanism. 2,376,620; May 22.
Picard, Stanislas, Cranston, assignor to The Monowatt Electric Corporation, Providence, R. I. Electrical connector. 2,389,454; Nov. 20.
Picciano, Michael A., Maywood, N. J., assignor to Breeze Corporations, Inc., Newark, N. J. Thermometeric apparatus. 2,379,317; June 26.
Pick, Eric, East Rockaway, assignor to The Permutit Company, New York, N. Y. Container closure. 2,372,391; Mar. 27.
Pick, Joseph W.: *See*—
Beck, C. W., and Pick.
Gaston, L. J., Jr., and Pick.
Hudson, E. B., Long, and Pick.
Pickard, Joseph A., Acton, London, assignor to The Metafiltration Company Limited, Middlesex, England. Filter. 2,374,953; May 1.
Pickens, Roy A., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Recovery of ilmenite by two stage flotation processes. 2,387,856; Oct. 30.
Picker X-Ray Corporation Waite Manufacturing Division, Inc.: *See*—
Ball, Jack, assignor.
Goldfield, E. R., Schiring, and Stava, assignors.
Pickering, Walter J.: *See*—
Lambert, Harry L., assignor.
Pickett, Frank M., Darien, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Copyholder for document photographing cameras. 2,377,514; June 5.
Pictorial Machinery Limited: *See*—
Perry, Andrew W., assignor.
Pidgeon, Lloyd M., Rockcliffe Park, assignor, by mesne assignments, to Dominion Magnesium Limited, Toronto, Ontario, Canada. Apparatus for producing magnesium by thermal reduction. 2,370,812; Mar. 6.
Pidgeon, Lloyd M., Rockcliffe Park, Ontario, assignor, by mesne assignments to Dominion Magnesium Limited, Toronto, Ontario, Canada. Apparatus for producing magnesium. 2,387,677; Oct. 23.
Piech, Frank E., Sayreville, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose derivative composition. 2,372,980; Apr. 3.
Piech, Frank E., Sayreville, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose acetate composition. 2,379,036; June 26.
Piechowski, Leona, Milwaukee, assignor of one-half to A. Hafemeister, Wauwatosa, Wis. Emergency umbrella. 2,385,937; Oct. 2.
Piening, Herbert: *See*—
Fiedler, Willi, assignor.
Pieper, Chester R., Warrenton, Mo. Electrical connector. 2,382,095; Aug. 14.
Pieper, Hartmann: *See*—
Dalmer, O., Diehl, and Pieper.

Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Making lubricants. 2,376,807; May 22.

Pier, Mathias, Heidelberg, and G. Free and W. v. Fuener, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of hydrocarbons. 2,388,008; Oct. 30.

Pierce, Alan E., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Disulphanilylguanidine and preparing same. 2,390,734; Dec. 11.

Pierce, Charles W., La Crescenta, Calif., assignor to Viber Company. Paving machine. 2,382,096; Aug. 14.

Pierce, Edwin G., Cleveland, Ohio. Gas filter. 2,385,938; Oct. 2.

Pierce, Frank G., Des Moines, Iowa, and A. H. De Groote, Rolling Prairie, assignors to Mishawaka Rubber & Woolen Manufacturing Company, Mishawaka, Ind. Device for cutting sponge rubber or the like. 2,380,787; July 31.

Pierce, Frederic E., Los Angeles, Calif. Cleansing composition. 2,380,259; July 10.

Pierce Governor Company: *See*—
Benjamin, Walter E., assignor.
Biddle, Farrell D., assignor.

Pierce, Harold C., Pomona, Calif. Work shifting device. 2,377,034; May 29.

Pierce, Harry P.: *See*—
Clark, J. B., and Pierce.

Pierce, Hazel F., et al.: *See*—
Kopf, Robert Y., assignor.

Pierce, James B., Jr., deceased, Charleston W. Va.; The First National Bank of Tampa, Florida, executor. Manufacture of strontium oxide. 2,382,909; Aug. 14.

Pierce, James E., Bay City, Mich. Spooling machine. 2,371,184; Mar. 13.

Pierce, John A.: *See*—
Hunt, F. V., and Pierce.
O'Brien, Joseph F., assignor.

Pierce, John B., Foundation: *See*—
Boynton, Earl S., assignor.
Davison, Robert L., assignor.
Morten, L. G., and O'Brien, assignors.
O'Brien, Joseph F., assignor.

Pierce, John S., J. M. Salsbury, and J. M. Fredericksen, Richmond, Va., said Salsbury, and said Fredericksen assignors to said Pierce. Amino alcohol esters. 2,372,116; Mar. 20.

Pierce, Joseph D.: *See*—
Griscom, S. B., and Pierce.

Pierce, Lawrence: *See*—
Immel, R. B., and Pierce.

Pierce, Lawrence, Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-throw switch mechanism. 2,385,026; Sept. 18.

Pierce, Raymond C., Chicago, Ill. Brake disk. 2,372,984; Apr. 3.

Pierce, Raymond C., Chicago, Ill. Car truck. 2,380,902; July 31.

Pierce, Raymond C., Chicago, Ill. Brake. 2,386,907; Oct. 16.

Pierce, Raymond C., Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,377,178; May 29.

Pierce, Verlin, Windfall, Ind. Lock washer. 2,370,912; Mar. 6.

Pierce, Winslow S., Jr., Dublin, assignor to Miniature Precision Bearings, Keene, N. H. Precision pivot bearing. 2,375,322; May 8.

Pierer, Heinz: *See*—
Schubert, E., and Pierer.

Pieri, Edmond D., Detroit, and J. E. Bowen, Grosse Ile, Mich., assignors to National Steel Corporation. Structural member. 2,384,849; Sept. 18.

Pierotti, Gino J., Albany, assignor to Shell Development Company, San Francisco, Calif. Extractive distillation. 2,375,035; May 1.

Pierotti, Gino J., Albany, and C. L. Dunn, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Extractive distillation. 2,375,036; May 1.

Pierotti, Joseph, Oakland, Calif. Vacuum motor system. 2,376,937; May 29.

Pierrel, Joseph, New York, N. Y. Dial combination for radio apparatus. 2,378,498; June 19.

Pierrepont, Donald, Chadderton, Oldham, England. Guard for combing machines for combing textile fibers. 2,373,411; Apr. 10.

Pierrepont, Donald, Chadderton, Oldham, England. Clearer as used in combing machine or other machine for the treatment of textile fibers. 2,389,684; Nov. 27.

Pierson, Leslie C., Schenectady, N. Y., assignor to General Electric Company. Pressure responsive cutout switch and the like. 2,371,648; Mar. 20.

Pierson, Ralph C., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Acetylene generator valve mechanism. 2,387,347; Oct. 23.

Pierson, Ralph C., Indianapolis, Ind., assignor to Union Carbide and Carbon Corporation. Flash arrester. 2,391,592; Dec. 25.

Piesch, Karl H., New Orleans, La. Merry-go-round on water. 2,389,456; Nov. 20.

Pieszak, Anthony J., and E. M. Mulcahy, Dunkirk, N. Y. Train order delivering device. 2,377,264; May 29.

Piety, R. G.: *See*—
Kaveler, H. H., and Piety.

Piety, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well surveying. 2,385,378; Sept. 25.

Piety, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method of surface prospecting. 2,390,270; Dec. 4.

Piggott, Henry A.: *See*—
Buckley, G. D., and Piggott.

Pignone, Joseph, Brooklyn, assignor to Universal Camera Corporation, New York, N. Y. Camera. 2,380,610; July 31.

Pigott, Reginald J. S., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Metalworking machine. 2,386,572; Oct. 9.

Pike, Robert D., Piedmont, Calif. Making bi-metal bond. 2,370,108; Feb. 20.

Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Production of magnesia and calcium carbonate from dolomite. 2,373,911; Apr. 17.

Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Production of magnesia from dolomite. 2,373,912; Apr. 17.

Pike, Robert D., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Production of magnesia and calcium carbonate from dolomite. 2,373,913; Apr. 17.

Pike, Robert D., Pittsburgh, Pa. Solution mining of trona. 2,388,009; Oct. 30.

Pike, Wickliffe H., Warren, Pa. Emergency gasoline tank. 2,389,685; Nov. 27.

Piker, Herbert M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Metal carrying case. 2,374,037; Apr. 17.

Pilcher, Harold W., Rock Island, assignor to Deere & Company, Moline, Ill. Combine. 2,380,547; July 31.

Pilcher, John M., State College, and F. F. Dennis, Philadelphia, assignors to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Stoker. 2,380,260; July 10.

Pilcher, William S., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for manufacturing explosives. 2,383,989; Sept. 4.

Pileggi, Vincent R., Philadelphia, Pa. Curling hair. 2,377,808; June 5.

Pilgrim Plastics, Inc.: *See*—
Desmond, Virginia D., assignor.

Pilkington Brothers Limited: *See*—
Joseph, Curt B., assignor.
Sherlock, Albert, assignor.

Pilkington, Francis S., assignor to Charles D. Holmes and Company Limited, Hull, England. Apparatus for dispersing liquid. 2,372,603; Mar. 27.

Pillsbury Flour Mills Company: *See*—
Coyne, William R., assignor.

Pillsbury, Howard G., Detroit, Mich., assignor to Chamberlin Company of America. Detention window. 2,385,585; Sept. 25.

Pillsbury Mills, Inc.: *See*—
Carter, Robert J. S., assignor.

Pilon, Alfred F.: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Pilon.

Pilot Marine Corp.: *See*—
Heist, Philip A., assignor.

Pimentel, Rafael, Mexico City, Mexico; M. P. Atristain, executrix of said R. Pimentel, deceased. Cutting device. 2,380,898; July 31.

Pinckert, Carl W., assignor to Remis Bro. Bag Company, St. Louis, Mo. Making a bag material and the product thereof. 2,374,128; Apr. 17.

Pincus, Alexis G., assignor to American Optical Company, Southbridge, Mass. Glass composition. 2,381,925; Aug. 14.

Pine, Paul R., Middleburgh Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of manganese oxide compositions. 2,370,415; Feb. 27.

Pineles, S. Michael, et al: *See*—
Pletman, Harry, assignor.

Pineo, Orrin W., Milo, Maine, assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer. 2,383,075; Aug. 21.

Pines, Herman: *See*—
Ipatieff, V. N., and Pines.

Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,384,337; Sept. 4.

Pines, Herman, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,385,300; Sept. 18.

Pines, Herman, and H. S. Bloch, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Purification of hydrogen halides. 2,389,457; Nov. 20.

Pines, Herman, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,391,508; Dec. 25.

Pines, Herman, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of butadiene. 2,391,509; Dec. 25.

Pingree, Raymond A., Cranston, assignor to Warwick Chemical Company, Warwick, R. I. Permanent waterproofing product and making it. 2,386,631; Oct. 9.

Pink, Chester A., Chicago, Ill., assignor to The Englander Company, Inc. Spring construction for mattresses and the like. 2,383,157; Aug. 21.

Pinkerton, Jack L., Long Beach, Calif. Steam boiler control. 2,385,161; Sept. 18.

Pinkett, Gardner D., Washington, D. C. Smoker's appliance. 2,375,243; May 8.

Pinkham, George: *See*—
Kingsinger, R., Pinkham, and Friegel.

Pinkham, Kermit E., Champaign, Ill. Pencil holder. 2,366,457; Jan. 2.

Pinkney, Paul S., and H. B. Stevenson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and process for cleaning and pickling ferrous metals. 2,383,681; Aug. 28.

Pinkston, John T., Jr., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,382,910; Aug. 14.

Pinsuti, Giuseppe F., New York, N. Y. Necktie. 2,385,726; Sept. 25.

Pioch, William F., and G. E. Scarlett, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Method and apparatus for assembling aircraft fuselages. 2,374,894; May 1.

Pioch, William F., and G. E. Scarlett, assignors to Ford Motor Company, Dearborn, Mich. Mating fixture. 2,391,510; Dec. 25.

Pioch, William F., and J. W. Mistele, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Machine tool for manufacturing aircraft wings. 2,391,511; Dec. 25.

Pioneer Parachute Company, Inc.: *See*—
Smith, Floyd, assignor.
Smith, Prevost F., assignor.

Piot, Marius, Roanne, France; vested in the Alien Property Custodian. Device for clamping members to shafts. 2,390,168; Dec. 4.

Piotrowski, Anthony, Chicago, Ill. Combination belt and vest. 2,376,004; May 15.

Pipa, John L., Jr.: *See*—
Sosnoskie, Peter A., assignor.

Pipe Line Service Corporation: *See*—
Mickelson, Alfred O., assignor.

Piper, Charles J., Washington, D. C. Pulling tool. 2,376,721; May 22.

Piper, Hannah W., et al.: *See*—
Piper, Henry S., assignor.

Piper, Henry S., assignor of one-fourth to I. M. Frisch, and one-half to H. W. Piper, Minneapolis, Minn. Display frame. Re. 22,683; Oct. 16.

Piper, Roger J., Princeton, Ill. Posthole digger attachment for tractors. 2,384,557; Sept. 11.

Pipitone, Erasmo, Hoboken, N. J. Shoe-heel construction. 2,374,954; May 1.

Pipitone, Sal, assignor to La Marquise Footwear, Inc., New York, N. Y. Footwear. 2,370,109; Feb. 20.

Pipkin, Marvin, Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp and manufacture thereof. 2,383,076; Aug. 21.

Piponius, Adolf H., Tammerfors, Finland. Wood pulp separator. 2,367,961; Jan. 23.

Piquerez, Emile, Saint-Cloud, France; vested in the Alien Property Custodian. Apparatus for dispersing material in air. 2,374,699; May 1.

Piriach, Nikola B.: *See*—
Kristich, J. N., and Piriach.

Pirie, John H.: *See*—
Beaver, C. J., Davey, and Pirie.

Pirie, William J., Edinburgh, Scotland. Safety guard for interrupted cylinders. 2,366,930; Jan. 9.

Pirkle, Louis E.: *See*—
Fasce, E. V., and Pirkle.
Stahly, E. E., and Pirkle.

Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Railway braking system. 2,368,726; Feb. 6.

Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Coil spring suspension. 2,378,097; June 12.

Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Spoke connector. 2,378,098; June 12.

Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Coupling. 2,378,099; June 12.

Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Body construction. 2,384,961; Sept. 18.

Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Motor with separate drive shafts. 2,391,103; Dec. 18.

Pisapia, Nicholas: *See*—
Gillen, George M., assignor.

Pischel, Adolf, and J. P. McGreevy, New York, N. Y.; said McGreevy assignor to said Pischel. Application of wax. 2,379,745; July 3.

Pitar, Adolph, Brooklyn, N. Y. Toy. 2,372,680; Apr. 3.

Pitar, Adolph, Brooklyn, N. Y., assignor to S. Solomon and S. Rosen, doing business as Originalities, New York, N. Y. Billfold. 2,368,040; Jan. 23.

Pitinsky, Morris, and H. M. Gerst, Eatontown, and M. A. Shriro, Elberon, N. J. Test probe. 2,368,678; Feb. 6.

Pitkin, Roy S., Jr., Rochester, Minn. Communication system. 2,374,129; Apr. 17.

Pitman, Earle C., Red Bank, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cement softener and using the same. 2,366,353; Jan. 2.

Pitman, Earle C., Red Bank, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Airplane wing or fin with improved airfoil characteristics. 2,389,210; Nov. 20.

Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,372,681; Apr. 3.

Pitney-Bowes Postage Meter Co.: *See*—
Burckhardt, Alfred, assignor.
Burckhardt, A., and Edman, assignors.
Burckhardt, A., and Rouan, assignors.
Burckhardt, A., and Sammis, assignors.
Knauer, Berthold, assignor.
Rouan, Francis J., assignor.

Pitometer Log Corporation: *See*—
Corbin, Francis L., assignor.

Pitre, Antonio S., U. S. Navy, and E. Wilson, Sebastopol, Calif. Conduit. 2,377,899; June 12.

Pitrot, Adrian R.: *See*—
Stewart, A., and Pitrot, assignors.

Pitt, William, Union, N. J. Loose-leaf binder. 2,377,179; May 29.

Pitt, William P., Union, N. J. Sheet for loose-leaf book pages. 2,375,582; May 8.

Pittenger, Everett J.: *See*—
Broyles, L. E., and Pittenger.

Pittman, Charles A., Jr., Sellersville, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Variable speed phonograph drive. 2,381,079; Aug. 7.

Pittman, Walter F., Huntington Park, Calif., assignor to The American Paper Bottle Company, Toledo, Ohio Fabricating containers. 2,377,103; May 29.

Pittner, John A., West View, Pa., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Making tapered pails. 2,390,553; Dec. 11.

Pittsburgh Coke & Iron Company: *See*—
Riethof, George, assignor.

Pittsburgh Corning Corporation: *See*—
Ford, Walter D., assignor.
Jordan, John W., assignor.
Staples, Julian P., assignor.

Pittsburgh-Des Moines Company: *See*—
Jackson, James O., assignor.

Pittsburgh Equitable Meter Company: *See*—
Barge, Raymond H., assignor.
Niesemann, Fritz, assignor.
Thoresen, Einar, assignor.
Thoresen, E., and Marsh, assignors.

Pittsburgh Plate Glass Company: *See*—
Adams, Frederick W., assignor.
Ballintine, Elmer J., assignor.
Black, Lloyd V., assignor.
Campbell, George D., assignor.
Chenicek, Albert G., assignor.
Devol, Manson L., assignor.
De Witt, Bernard, assignor.
Dial, W. R., and Gould, assignors.
Downes, Daniel T., assignor.
Englehart, Oscar D., assignor.
Freeman, Stephen E., assignor.
Gage, F. W., and Gegner, assignors.
Gardner, Morris G., assignor.
Gerhart, Howard L., assignor.
Gerhart, H. L., and Adams, assignors.
Gregory, John J., assignor.
Halbach, Howard L., assignor.
Hall, Frank W., assignor.
Jenkins, John D., assignor.
Johnston, Perry, assignor.
Keslar, Leroy D., assignor.
Knudsen, Percy E., assignor.
Knudsen, P. E., and Diera, assignors.
Küng, Frederick E., assignor.
Lycan, W. H., and Eyre, assignors.
Means, Dwight, assignor.
Meunier, Vincent, assignor.
Miller, Robert A., assignor.
Minton, Gerald Z., assignor.
Moffett, E. W., and Smith, assignors.
Muskat, Irving E., assignor.
Muskat, I. E., and Strain, assignors.
Owen, William, assignor.
Pechukas, Alphonse, assignor.
Pollack, M. A., Muskat, and Strain, assignors.
Riethof, George, assignor.
Strain, Franklin, assignor.
Strain, F., and Kung, assignors.
Tarnopol, Milton S., assignor.
Vine, Benjamin H., assignor.

Pityo, Albert F.: *See*—
Ekstedt, J. W., and Pityo.

Pitzer, Edgar C., assignor to Standard Oil Company, Chicago, Ill. Stabilized conversion catalyst. 2,369,074; Feb. 6.

Pixley, William I., University City, Mo. Bearing mounting. 2,377,035; May 29.

Pizzarello, Roy A., Mount Vernon, assignor to Interchemical Corporation, New York, N. Y. Textile printing composition. 2,375,132; May 1.

Pizzi, Albert L: *See*—
Edelman, B., and Pizzi.
Pizzigoni, Alfred, Union City, N. J. Surface and contour grinder. 2,375,323; May 8.
Pizzirani, Dominick A., and F. M. Gould, U. S. Army, and S. Z. Avedikian, New York, N. Y. Sampler of granular material. 2,379,921; July 10.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,389,635; Nov. 27.
Place, Charles I., New Milford, assignor to The Torrington Manufacturing Co., Torrington, Conn. Centrifugal displacement apparatus. 2,387,348; Oct. 23.
Place, Leonard H., Huber, Oreg., assignor to Air Reduction Company, Incorporated. Apparatus for cutting corrugated plates and the like. 2,389,239; Nov. 20.
Place, Palmer B., Tenafly, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Steam separator. 2,378,429; June 19.
Place, Palmer B., Tenafly, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Steam separator. 2,378,862; June 19.
Place, Robert, assignor to Graphic Microfilm Service, Inc., Waltham, Mass. Synchronized feed bed and stationary microfilm camera. 2,371,542; Mar. 13.
Place, Roland P., Midland, Mich., assignor to Roland P. Place Co. Feeding device. 2,385,643; Sept. 25.
Place, Roland P., Co.: *See*—
Place, Roland P., assignor.
Place, Willard P.: *See*—
Agnew, N. F., and Place.
Placke, Everett H.: *See*—
Spurlino P., Placke, Eickman, and Kramer.
Plain, Frank, Oconto Falls, Wis. Nursing bottle holder. 2,366,931; Jan. 9.
Planett, Earl C., Downey, Calif. Welding band for pipe joints. 2,380,071; July 10.
Planiol, André P. E., Huntington, N. Y. Axial flow compressor. 2,371,706; Mar. 20.
Planiol, Andre P. E., Huntington, N. Y. Charge feeding system for internal-combustion engines. 2,374,130; Apr. 17.
Planiol, André P. E., Huntington, N. Y. Feed of exhaust gases to turbo superchargers. 2,379,541; July 3.
Planiol, André P. E., Huntington, and R. J. H. Planiol, New York, N. Y. Gaseous fluid turbine or the like. 2,369,795; Feb. 20.
Planiol, René J. H.: *See*—
Planiol, A. P. E. and R. J. H.
Plank, John E., Reedley, Calif. Figured mobile toy. 2,377,646; June 5.
Plant, Leland G.: *See*—
Forster, J. G., and Plant.
Plasco, Inc.: *See*—
Wolf, Charles, assignor.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 2,383,158; Aug. 21.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 2,383,159; Aug. 21.
Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Mouthpiece wiper for metal pots of typographical casting machines. 2,383,160; Aug. 21.
Plastic Binding Corporation: *See*—
Thoele, Lawrence J., assignor.
Plastic Cases, Inc.: *See*—
Sullivan, Norman M., assignor.
Plati, John T.: *See*—
Strain, W. H., Plati, and Warren.
Plating Processes Corporation: *See*—
Hampson, Frederick W., assignor.
Plating Products Co., The: *See*—
Wood, Oliver W.
Platt, Beverly H., Kansas City, Mo. Toy airplane. 2,384,193; Sept. 4.
Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,374,778; May 1.
Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,385,727; Sept. 25.
Platz, Henry T., assignor to Briggs Manufacturing Company, Detroit, Mich. Welding apparatus. 2,372,850; Apr. 3.
Plauche, Charles, et al.: *See*—
Simpson, Fielding B., assignor.
Plax Corporation: *See*—
Bailey, James, assignor.
Playette Corporation: *See*—
Wise, Lawrence, assignor.
Playford, Harry E., assignor to The Liberty Glass Company, Sapulpa, Okla. Stencil screen and making the same. 2,370,874; Mar. 6.
Playground Equipment Co., Inc.: *See*—
Franklin, Robert B., assignor.
Pleasant, Herman E., assignor to Crampton Manufacturing Company, Holland, Mich. Valve actuating lever. 2,370,750; Mar. 6.
Plebanek, Leonard Z., Chicago, Ill., assignor of one-third to A. Bird and one-third to C. J. Strebel. Manufacturing beaded cord. 2,366,932; Jan. 9.
Plecki, Frank, assignor to The Globe Company, Chicago, Ill. Shop truck construction. 2,373,412; Apr. 10.
Plensler, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Control apparatus. Re. 22,634; Apr. 17.
Plessey Company Limited, The: *See*—
Da Costa, Harry, assignor.
Martin, R. A., and Say, assignor.
Pugh, Cyril A., assignor.
Pugh, C. A., Booth, and Jarvis, assignors.
Say, Alan W., assignor.
Pletman, Harry, assignor of seventy per cent to H. Kornreich, Brooklyn, and thirty per cent to S. M. Pineles, New York, N. Y. Charged liquid dispensing device. 2,372,392; Mar. 27.
Plöen, Jan: *See*—
Lamm, U., and Plöen.
Ploetz, Charles M.: *See*—
Meyer, G. J., and Ploetz.
Plotin, Lawrence: *See*—
Ball, J. A., and Plotin.
Plott, George R., near Concord, N. C. Heddle frame. 2,381,308; Aug. 7.
Ployer, Otokar, Prague, Czechoslovakia; vested in the Alien Property Custodian. Air raid and like shelter. 2,369,604; Feb. 13.
Plum, John, Washington, D. C., and H. B. Maris, Riverdale, Md. Swivel. 2,384,490; Sept. 11.
Plum, Stephen H., II, Madison, N. J. Typewriting and manifolding. 2,390,554; Dec. 11.
Plumb, George W., Los Angeles, Calif., assignor to Adel Precision Products Corp. Spring nut with locking spur. 2,379,593; July 3.
Plumb, George W., Glendale, Calif., assignor to Adel Precision Products Corp. Spring nut. 2,383,211; Aug. 21.
Plump, Ralph E., Haddonfield, N. J., assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Production of trichloro acids. 2,370,577; Feb. 27.
Plumeau, Joseph S., Bellaire, Long Island, and C. C. Ottoson, West Brighton, Staten Island, N. Y. Tire press. 2,373,975; Apr. 17.
Plummer, John F., Jr.: *See*—
Doyle, F. B., Markley, and Plummer.
Plummer, Stuart C., assignor to All American Aviation, Inc., Wilmington, Del. Ground station for air pickups. 2,367,607; Jan. 16.
Plummer, Stuart C., assignor to All American Aviation, Inc., Wilmington, Del. Transfer apparatus. 2,373,413; Apr. 10.
Plummer, Stuart C., assignor to All American Aviation, Inc., Wilmington, Del. Air pickup system. 2,373,414; Apr. 10.
Plunkett, Brian, Cumberland, Md., assignor to Celanese Corporation of America. Textile device. 2,375,324; May 8.
Plunkett, Brian, Cumberland, and R. C. Scheib, La Vale, Md., assignors to Celanese Corporation of America. Beam letoff. 2,383,562; Aug. 28.
Plusje, Mathijs H. R. J.: *See*—
De Bruijn, H., and Plusje.
Plyfiber Container Corporation: *See*—
McCrery, Harold E., assignor.
Plymold Corporation: *See*—
Goldman, Paul R., assignor.
Plymouth Cordage Company: *See*—
Farrell, Frederick W., assignor.
Miskelly, Raymond E., assignor.
Pneumatic Scale Corporation: *See*—
Howard, Stanley R., assignor.
Pneumatic Scale Corporation, Limited: *See*—
Everett, Arthur C., assignor.
Howard, Stanley R., assignor.
Lindholm, Arthur W., assignor.
Patterson, William S., assignor.
Robinson, George A., assignor.
Vergobbi, Robert W., assignor.
Pocahontas Fuel Company Incorporated: *See*—
Julyan, Fred G., assignor.
Julyan, F. G., and Schweickart, assignors.
Pochatko, Stephen E., Niagara Falls, N. Y. Photoprinting mask. 2,376,183; May 15.
Podbielniak, Walter J., Chicago, Ill., assignor to B. B. Schneider. Fractionation temperature gradient method of analysis. 2,377,900; June 12.
Podell, Abram I., New York, N. Y. Mixing attachment. 2,376,722; May 22.
Podesta, John W.: *See*—
Lapointe, F. J., and Podesta.
Podesta, John W., assignor to American Broach & Machine Co., Ann Arbor, Mich. Power transmission system. 2,382,023; Aug. 14.
Poeten, Benno: *See*—
Kurth, F. J., Honerkamp, Poeten, and Kunen.
Poffenberger, Noland, and R. D. Holmes, assignors to The Dow Chemical Company, Midland, Mich. Separation of ammonium chloridde and aliphatic amine hydrochlorides from mixtures of the same with copper chloride. 2,371,543; Mar. 13.
Pogioli, Vittorio, Milan, Italy; vested in the Alien Property Custodian. Valveless engine. 2,390,169; Dec. 4.
Pogue, Robert B., Orange, N. J., assignor to American Brake Shoe Company. Braking apparatus. 2,378,100; June 12.

Pohl, Walter M., Washington, D. C., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic retractor control. 2,379,180; June 26.
Pohl, Walter M., Washington, D. C., assignor to Vickers, Incorporated, Detroit, Mich. Synchronizing power control unit. 2,384,962; Sept. 18.
Pohl, Walter M., New Haven, Conn., assignor to Vickers, Incorporated, Detroit, Mich. Gun turret for mobile tanks. 2,388,010; Oct. 30.
Pohl, Walter M., New Haven, Conn., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic retractor control. 2,391,035; Dec. 18.
Pohle, Walter B., Lynn, Mass. Shank construction. 2,383,212; Aug. 21.
Pohm, George H., Lorain, Ohio, assignor of one-half to C. P. Stocker and one-half to E. M. Heavens. Control circuit. 2,377,180; May 29.
Pointer, Robert W., Portland, Oreg. Low bed trailer. 2,389,211; Nov. 20.
Pointon, John E., assignor to Baker Perkins Limited, Peterborough, England. Mixing, kneading, shredding, pulping, and like machine. 2,389,545; Nov. 20.
Poirier, Ernest A., Waterville, Maine. Stock regulator for paper machines. 2,379,746; July 3.
Poirier, Ernest A., Waterville, Maine. Stock selecting apparatus for use with paper machines. 2,386,632; Oct. 9.
Pokorny, Frank J., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker operating mechanism. 2,390,735; Dec. 11.
Polan, Albert S., et al.: *See*—
Polan, Lincoln M., assignor.
Polan, Charles, et al.: *See*—
Polan, Lincoln M., assignor.
Polan, E. G., et al.: *See*—
Polan, Lincoln M., assignor.
Polan, L. M., et al.: *See*—
Polan, Lincoln M., assignor.
Polan, Lake, Jr., et al.: *See*—
Polan, Lincoln M., assignor.
Polan, Lincoln M., assignor to A. S., E. G., L. M., C., and L. Polan, Jr., a partnership doing business as Zenith Optical Company, Huntington, W. Va. Polishing compound. 2,383,500; Aug. 28.
Polaroid Corporation: *See*—
Chubb, Lewis W., Jr., assignor.
Land, Edwin H., assignor.
Land, E. H., and Blake, assignors.
Land, E. H., and Grabau, assignors.
Smith, Robert A., assignor.
Thomas, Alexander, assignor.
Young, Clinton J. T., assignor.
Polasik, Floyd J., Woodstock, assignor of one-half to O. Reitz, Chicago, Ill. Paring attachment. 2,376,451; May 22.
Polcar, Marguerite, Euclid, Ohio. Mixer and beater. 2,374,831; May 1.
Polgar, William, New York, N. Y. Protective casing for textiles by the yard. 2,382,332; Aug. 14.
Polis, Samuel N., Brooklyn, N. Y. Game device. 2,371,262; Mar. 13.
Polk Development Company, The (not incorporated): *See*—
Polk, Ralph, Sr., and R., Jr., assignors.
Polk, Louis F., assignor to The Sheffield Corporation, Dayton, Ohio. Machine tool. 2,385,644; Sept. 25.
Polk, Ralph, Jr.: *See*—
Polk, Ralph, Sr., and R., Jr.
Polk, Ralph, Sr., and R., Jr., assignors to The Polk Development Company (not incorporated), Tampa, Fla. Treating fruit having a pit. 2,378,101; June 12.
Polkinghorn, Frank A., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic tuning. 2,375,133; May 1.
Pollack, Maxwell A., Austin, Tex., and I. E. Muskat, and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polymerizing unsaturated compounds. 2,370,578; Feb. 27.
Pollak, Arthur, New York, N. Y., and T. A. Willingham, Charleston, S. C., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Purification of tall oil. 2,374,700; May 1.
Pollak, Frederick F., Yonkers, assignor to Domestic Egg Products Inc., New York, N. Y. Manufacture of water-soluble egg albumen. 2,377,961; June 12.
Pollak, Fritz, Jackson Heights, assignor to Oscar Kohorn & Co. Ltd., New York, N. Y. Reeling device and reeling. 2,384,963; Sept. 18.
Pollak, Joseph, Corp.: *See*—
Hasselbaum, Oscar H., assignor.
Pollak Manufacturing Company: *See*—
Markey, Roscoe I., assignor.
Pollard, Henry L.: *See*—
Meade, R. E., Pollard, and Rodgers, assignors.
Pollard, John H., Dallas, Tex. Embossed display. 2,390,663; Dec. 11.
Pollard, Robert R.: *See*—
Husson, H. L., and Pollard.
Mitchell, D. H., and Pollard.
Pollard, Stanley M. and V. W. Windblad, New Westminster, British Columbia, Canada. Diamond wheel dresser. 2,369,405; Feb. 13.
Pollard, Willard L., Evanston, Ill. Transmission. 2,368,873; Feb. 6.
Pollard, Willard L., Evanston, Ill. Hydraulic planetary transmission. 2,378,035; June 12.
Polley, Sterling H., San Antonio, Tex. Hot die stamping and embossing machine. 2,370,416; Feb. 27.
Pollock, Gordon B., South Laguna, Calif. Camera construction. 2,388,995; Nov. 13.
Pollock, Martin S., East Chester, N. Y. Inkstand. 2,386,406; Oct. 9.
Pollock, Samuel W.: *See*—
Whipple, L. V., and Pollock.
Pollock, William A., Long Beach, Calif. Cable guide. 2,395,939; Oct. 2.
Polly, Orville L., Long Beach, and A. C. Byrons, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of mineral oils. 2,385,645; Sept. 25.
Polsen, Blanche H., et al.: *See*—
Polsen, S. D., and Nelson, assignors.
Polsen, Samuel D., and S. H. Nelson, assignors of one-fourth to B. H. Polsen and one-fourth to M. P. Nelson, Bridgeport, Conn. Dispensing apparatus. 2,378,430; June 19.
Polstra, Charles, Rockford, Ill. Vehicle coupling. 2,377,368; June 5.
Poltorak, Emil J.: *See*—
Driscoll, J., and Poltorak.
Polydoroff, Wladimir J., Wilmette, Ill. Loop antenna apparatus. 2,383,415; Aug. 21.
Polymerization Process Corporation, The: *See*—
Layng, Edwin T., assignor.
Polyzor Chemical Co., Inc.: *See*—
Färber, Edward, assignor.
Pomeroy, Richard D., Altadena, Calif., assignor to Santa Fe Springs Waste Water Disposal Company. Purifying oil field waste waters. 2,378,323; June 12.
Pomykala, Edmund S., Mobile, Ala. Underground storage tank. 2,382,171; Aug. 14.
Poncelet, Archie R. J., West Los Angeles, Calif. Twist drill gauge. 2,377,715; June 5.
Pond, William B., West Englewood, and G. R. Holt, Hohokus, assignors to Bendix Aviation Corporation, Teterboro, N. J. Filter. 2,389,814; Nov. 27.
Poniatoff, Alexander M., et al.: *See*—
Litton, Charles V., assignor.
Ponnock, Leon, Philadelphia, Pa. Writing tablet. 2,367,608; Jan. 16.
Ponomareff, Alexander I., Upper Darby, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,391,512; Dec. 25.
Pontius, George W., III, assignor to Bendix Aviation Corporation, South Bend, Ind. Charger motor. 2,389,996; Nov. 27.
Pontius, George W., III, and A. P. Wilson, assignors to Bendix Aviation Corporation, South Bend, Ind. Solenoid operated valve. 2,379,181; June 26.
Pontius, George W., III, and R. J. Reek, assignors to Bendix Aviation Corporation, South Bend, Ind. Gun turret. 2,389,997; Nov. 27.
Pool, Stuart D.: *See*—
Millard, L. P., and Pool.
Pool, Stuart D., and E. L. Faust, Moline, Ill., assignors to International Harvester Company. Tractor implement. 2,371,842; Mar. 20.
Poole, Arthur B., Harwinton, Conn. Shaded-pole synchronous electric motor. 2,382,333; Aug. 14.
Poole, Arthur J., Belleville, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Fluent fuel burner. 2,380,463; July 31.
Poole, Clement E., Uniontown, and A. P. Stone, Akron, assignors to Wright Tool & Forge Company, Barberton, Ohio. Procedure and equipment for forging or forming articles. 2,368,069; Jan. 23.
Poole, Frederick A., Barrington, assignor to Production Instrument Company, Chicago, Ill. Registering and counting apparatus. 2,368,874; Feb. 6.
Poole, Lloyd C.: *See*—
Linsenmeyer, J. Z., and Poole.
Pearson, R. W., and Poole.
Poole, Lloyd C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic control system. 2,370,071; Feb. 20.
Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Machine for assembling shafts and armature cores. 2,390,170; Dec. 4.
Poole, Lora E., and E. R. Fausset, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Machine for manufacturing dynamo armatures. 2,390,897; Dec. 11.
Poole, Ralph, London, England. Liquid trap. 2,381,837; Aug. 7.
Poole, Ralph, London, England. Wind indicator. 2,390,384; Dec. 4.
Pooler, Earle E., assignor to himself and H. Boyer, Cambridge, Mass., and C. A. Crestensen, Stoughton, Mass. Mounting for lighting tubes. 2,390,385; Dec. 4.
Poor & Company: *See*—
Chester, A. E., and Reisinger, assignors.
Lansing, Horace L., assignor.
Preston, Frederick A., assignor.
Poor, William F., Swampscott, Mass. Ski press. 2,384,850; Sept. 18.
Poorman, John E., Philadelphia, Pa. Reversing mechanism. 2,384,044; Sept. 4.

Pootjes, Peter, Temple City, assignor to Western Precipitation Corporation, Los Angeles, Calif. Multistage centrifugal separating apparatus. 2,372,514; Mar. 27.
Pope, Louis A., Melrose, Mass. Black-out flashlight. 2,371,775; Mar. 20.
Pophal, Eric G., St. Pauls, N. C. Arc lamp and carbon guide. 2,374,497; Apr. 24.
Popham, Frederick J. W., New Barnet, assignor to The British Rubber Producers' Research Association, London, England. Resinous condensation products and the like. 2,379,375; June 26.
Popik, George, Hartford, Conn. Oil repellent protector for shoes. 2,373,596; Apr. 10.
Popov, Vladimir D., Prague-Bubenec, Bohemia and Moravia; vested in the Alien Property Custodian. Conveying material from one machine to another. 2,378,579; June 19.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Housing for electrical switches. 2,368,679; Feb. 6.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Switch mechanism. 2,378,655; June 19.
Poppe, George W., Brooklyn, assignor to Equitable Paper Bag Co. Inc., Long Island City, N. Y. Making album bags. 2,385,646; Sept. 25.
Poppe, George W., Brooklyn, assignor to Equitable Paper Bag Co. Inc., Long Island City, N. Y. Bag. 2,385,647; Sept. 25.
Popper, Charles, New York, N. Y., assignor to Automatic Turbine Drive Company, Inc. Hydraulic coupling. 2,388,571; Nov. 6.
Popper, Otto, Johannesburg, Transvaal, Union of South Africa. Vaginal obturator. 2,391,343; Dec. 18.
Porch, Howard L.: *See*—
Sells, O. S., and Porch.
Porete Manufacturing Company: *See*—
Cueni, Clemens P., assignor.
Porocel Corporation: *See*—
La Lande, William A., Jr., assignor.
Porsche, Jules D., Clarendon Hills, assignor to Armour and Company, Chicago, Ill. Preparation of cholesterol. 2,371,467; Mar. 13.
Porsche, Jules D., Clarendon Hills, Ill., and G. Josh, Crown Point, Ind., assignors to Armour and Company, Chicago, Ill. Drying of materials. 2,374,455; Apr. 24.
Porsche, Jules D., and Fred J. Solms, assignors to Armour and Company, Chicago, Ill. Recovering bile pigments. 2,386,716; Oct. 9.
Portable Products Corporation: *See*—
Nelms, G. C., Coggeshall, Berry, and Wilbur, assignors.
Porteous, William K., St. Margaret's, Twickenham, England. Disintegrator for sewage sludge and for like purposes. 2,369,312; Feb. 13.
Porteous, William K., Saint Margarets, assignor of fifteen one-hundredths to Towler & Son Limited, London, England. Control system for regulating the coordinated filling and emptying of vessels. 2,372,448; Mar. 27.
Porteous, William K., London S. W. 1, and W. T. Marchment, London W. 4, assignors of fifteen one-hundredths to Towler & Son, Ltd., Stratford, London, England, and eighty-five one-hundredths to said Porteous. Co-ordinated control of cyclical operations on fluid and like materials. 2,372,449; Mar. 27.
Porter, Albert M., Newton, Kans. Engine. 2,383,213; Aug. 21.
Porter-Cable Machine Company, The: *See*—
Emmons, Arthur N., assignor.
Porter, Frank, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of phenols. 2,382,944; Aug. 14.
Porter, Gerald D., and H. B. Whittington, Portland, Oreg. Attachment for drills. 2,379,182; June 26.
Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Iminopyrazolones and preparing them. 2,367,523; Jan. 16.
Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Acylated amino pyrazolone couplers. 2,369,489; Feb. 13.
Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of amino pyrazolones. 2,376,380; May 22.
Porter, H. K., Company, Inc.: *See*—
Kromer, William F., assignor.
Porter, H. K., Inc.: *See*—
Geddes, J. W., and Porter, assignors.
Porter, John A., U. S. Army, San Antonio, Tex. Conveyer. 2,388,283; Nov. 6.
Porter, Joseph J., Fall River, Mass. Safety device. 2,391,593; Dec. 25.
Porter, Josephine A., Baltimore, Md. Ash tray. 2,391,190; Dec. 18.
Porter, Leslie F., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switchboard system. 2,379,987; July 10.
Porter, Roy R., Packanack Lake, N. J. Crane. 2,377,448; June 5.
Porter, Tyler: *See*—
Geddes, J. W., and Porter.
Portman, Lawrence B. and R. H., and F. J. Acton, Mount Vernon, N. Y. Grinding machine. 2,370,813; Mar. 6.
Portman, Raymond H.: *See*—
Portman, Lawrence B. and R. H., and Acton.
Posejpal, George H.: *See*—
Emde, C. K., Rogers, and Posejpal.
Posnansky, Karl W., assignor to The Stamford Rubber Supply Company, Stamford, Conn. Treating vulcanized oils. 2,384,491; Sept. 11.
Posson, Chester A., Chicago, Ill. Mechanical computing device. 2,378,863; June 19.
Post, Carl B., and M. C. Fetzer, Wyomissing, assignors to The Carpenter Steel Company, Reading, Pa. Steel alloys. 2,379,988; July 10.
Post, Otto W., Maspeth, N. Y. Filter funnel. 2,378,949; June 26.
Post, Otto W., Maspeth, N. Y. Filter funnel. 2,379,101; June 26.
Postal Telegraph-Cable Company (New York): *See*—
Connery, Alder F., assignor.
Connery, A. F., and Coe, assignors.
Poston, Dallas W., Kimberly, Nev. Mine car loader. 2,381,515; Aug. 7.
Poston, Leon L., Davenport, Iowa. Artificial tooth. 2,373,337; Apr. 10.
Potdevin Machine Company: *See*—
Ettl, Joseph, assignor.
Potholm, Valdemar A., Hartford, Conn. Duster. 2,391,070; Dec. 18.
Potoczky, Joseph B., Silver Spring, Md. Hanger attachment for ladies' garments. 2,386,059; Oct. 2.
Pott, August F., Zella-Mehlis II, Germany; vested in the Alien Property Custodian. Calculating machine. 2,382,661; Aug. 14.
Pott, Friedrich: *See*—
Mez, E., Pott, and Heinze.
Potter, Charles A., Mayfair, London, England. Destructor. 2,376,938; May 29.
Potter, Charles E., Sapulpa, Okla. Nutcracker. 2,377,369; June 5.
Potter, Earl C., assignor to Container Corporation of America, Chicago, Ill. Bottle carrier. 2,371,312; Mar. 13.
Potter, Earl C., assignor to Container Corporation of America, Chicago, Ill. Bottle carrier. 2,373,851; Apr. 17.
Potter, Howell L., assignor to The Fafnir Bearing Company, New Britain, Conn. Machine for assembling retainers. 2,376,081; May 15.
Potter, James A., Rutherford, and D. E. Trucksess, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulation. 2,377,370; June 5.
Potter & Johnston Machine Company: *See*—
Fuller, Alfred J., assignor.
Potter, Leman C., Royal Oak, Mich. Fluid brake. 2,388,704; Nov. 13.
Potter, Percy J., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,385,728; Sept. 25.
Potter, Ralph K., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic sound record. 2,381,463; Aug. 7.
Potter, Robert S., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door holder. 2,368,875; Feb. 6.
Potter, Rowland S., Brightford Heights, and R. F. Brown, assignors to Defender Photo Supply Co., Inc., Rochester, N. Y. Photographic emulsion and making same. 2,376,005; May 15.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraphy. Re. 22,592; Jan. 16.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmission system. 2,367,427; Jan. 16.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Station selection system. 2,371,311; Mar. 13.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Automatic transmitter. 2,372,515; Mar. 27.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selective signaling system. 2,375,383; May 8.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape message container. 2,377,573; June 5.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Regenerative repeating system. 2,379,253; June 26.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape distribution system. 2,384,194; Sept. 4
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selecting impulse transmitter. 2,384,558; Sept. 11.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph system. 2,386,004; Oct. 2.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tabulation control system. 2,390,664; Dec. 11.
Poulter, John W., assignor to Koehring Company, Milwaukee, Wis. Machine for handling fluid material for treating pavement subgrade materials. 2,368,568; Jan. 30.

Poulter, Thomas C., assignor to American Steel Foundries, Chicago, Ill. Method and apparatus for casting metal. 2,379,401; June 26.
Pounds, Richard T., assignor to The Exact Weight Scale Company, Columbus, Ohio. Electrical damping apparatus for weighing scales. 2,366,286; Jan. 2.
Poupitch, Ouglјesa J., assignor to Illinois Tool Works, Chicago, Ill. Method and machine for assembling washers with screw-threaded fasteners. 2,390,121; Dec. 4.
Poutie, Howard F., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Quick change drill chuck. 2,370,487; Feb. 27.
Pover, Stanley J., Denver, Colo., assignor to W. E., L. M., Jr., and C. J. Hughes. Internal-combustion motor. 2,366,213; Jan. 2.
Powell, Albert G., Philadelphia, Pa. Method and apparatus for grinding lenses. 2,383,501; Aug. 28.
Powell, Alric H., Yeadon, Pa., assignor to General Electric Company. Fuse unit. 2,386,060; Oct. 2.
Powell, Arthur, Montclair, N. J. Shirt. 2,385,729; Sept. 25.
Powell, David R., and W. L. Moore, assignors to The National Acme Company, Cleveland, Ohio. Chaser holding means. 2,378,431; June 19.
Powell, David R., and W. L. Moore, assignors to The National Acme Company, Cleveland, Ohio. Die head operating means. 2,387,290; Oct. 23.
Powell, David R., and W. L. Moore, assignors to The National Acme Company, Cleveland, Ohio. Chaser adjusting means. 2,387,291; Oct. 23.
Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool apparatus. 2,369,605; Feb. 13.
Powell, Edward R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool manufacture. 2,388,935; Nov. 13.
Powell, Edward U., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Bowstring relay. 2,381,309; Aug. 7.
Powell, Francis V., assignor to Lindley Box & Paper Company, Marion, Ind. Collapsible box structure. 2,384,559; Sept. 11.
Powell, George M., III, South Charleston, and W. H. McKnight, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Coating paper. 2,391,621; Dec. 25.
Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Apparatus for and assembling knockdown containers. 2,367,688; Jan. 23.
Powell, Paul R., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Conveyer structure. 2,374,131; Apr. 17.
Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Recording system. 2,387,678; Oct. 23.
Powell, Reginald A., assignor to Timm Aircraft Corporation, Van Nuys, Calif. Laminating method. 2,372,738; Apr. 3.
Powell, William M., Milwaukee, Wis. Manacle. 2,383,077; Aug. 21.
Powell, Winfred T., assignor to Stromberg-Carlson Company, Rochester, N. Y. Relay type key sender. 2,381,516; Aug. 7.
Power, Michael J., Nekoosa, Wis. Apparatus for debarking and cleaning logs. 2,390,459; Dec. 4.
Power Research Corporation: *See*—
Bowers, Thomas A., assignor.
Powers Accounting Machines Limited: *See*—
McClure, Ernest C., assignor.
Thomas, Arthur, assignor.
Powers, Frank T., Glen Cove, N. Y. X-ray cassette. 2,371,843; Mar. 20.
Powers, Frank T., Glen Cove, N. Y. Cassette. 2,381,556; Aug. 7.
Powers, Frank T., Glen Cove, N. Y. Apparatus for preparing photoengraving plates. 2,387,349; Oct. 23.
Powers, Frank T., Glen Cove, N. Y. Plate burner. 2,388,762; Nov. 13.
Powers, Frank T., Glen Cove, N. Y. X-ray casette. 2,391,191; Dec. 18.
Powers, John B., Davis, Calif., assignor to United States Beet Sugar Association, Washington, D. C. Sugar beet topper. 2,369,850; Feb. 20.
Powers, Marvin A., Oklahoma City, Okla., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Bending machine. 2,382,745; Aug. 14.
Powers, Paul O., Manheim Township, assignor to Armstrong Cork Company, Lancaster, Pa. Modified vinyl resins. 2,371,065; Mar. 6.
Powers, Paul O., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Linoleum composition. 2,389,078; Nov. 13.
Powers, Paul O., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Linoleum compositions. 2,389,079; Nov. 13.
Powers Regulator Company, The: *See*—
Barnett, Harry, assignor.
Powers, Walter P., Newark, assignor to Associated Patentees, Inc., Ampere, N. J. Gauge. 2,390,122; Dec. 4.
Pownall, George L., Columbus, Ohio. Automatic ice freezing unit and method. 2,385,539; Sept. 25.
Poythress, William P., & Company, Inc.: *See*—
Richardson, Andrew G., assignor.
Practo Photo Accessories Corp.: *See*—
Nagel, Henryk, assignor.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Shaving gears. 2,380,261; July 10.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Gear shaving machine. 2,387,679; Oct. 23.
Prager, Frank D.: *See*—
Kamp, E. A., and Prager.
Prager, Frank D., Chicago, Ill. Fluid flow control means. 2,370,751; Mar. 6.
Prager, Frank D., Chicago, Ill., assignor to Infilco Incorporated. Liquid treating apparatus. 2,391,738; Dec. 25.
Prager, Martin, Irvington, N. J. Double container. 2,385,648; Sept. 25.
Praggastis, John D., Milwaukie, Oreg. Curtain hanger. 2,389,546; Nov. 20.
Pragoff, Emile, Jr., assignor to Hercules Powder Company, Wilmington, Del. Adhesive material. 2,377,647; June 5.
Prall, James R., Newark, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Crystal inspection device. 2,391,344; Dec. 18.
Prance, Albert J., assignor to Murchey Machine & Tool Company, Detroit, Mich. Thread milling machine. 2,382,662; Aug. 14.
Prange, Alfons F., St. Louis, Mo. Grinder or turning lathe dog. 2,383,943; Sept. 4.
Prat-Daniel Corporation: *See*—
Watson, J. E., and McBride, assignors.
Prat Divi, Evelio, Badalona, Spain. Manufacturing stators for electrical machines. 2,367,428; Jan. 16.
Pratt, Arthur J., Belmont, assignor to American Optical Company, Southbridge, Mass. Spectacle case. 2,385,842; Oct. 2.
Pratt, Best, assignor to Certified Gas Equipment Company, Chicago, Ill. Gas burner. 2,376,273; May 15.
Pratt, Best, assignor, by mesne assignments, to Certified Gas Equipment Company, Chicago, Ill. Gas burner. 2,376,274; May 15.
Pratt, Best, assignor to Brake Equipment & Supply Company, Chicago, Ill. Burner structure. 2,387,680; Oct. 23.
Pratt, Best, and C. J. Smith, assignors to Brake Equipment & Supply Co., Chicago, Ill. Valve piston. 2,370,371; Feb. 27.
Pratt, Henry, Company: *See*—
Grimm, Carl W., assignor.
Pratt, Raymond C., Chicago, Ill. Closure. 2,383,015; Aug. 21.
Pratt, Read & Company: *See*—
Betz, William G., assignor.
Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Photographic and reproducing apparatus. 2,369,247; Feb. 13.
Pratt, Verneur E., Norwalk, Conn. Reading and projection apparatus. 2,369,248; Feb. 13.
Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Projecting system. 2,372,910; Apr. 3.
Pratt, Verneur E., Norwalk, Conn., assignor to Microstat Corporation. Focusing means for cameras. 2,383,161; Aug. 21.
Prause, Robert, and L. Schmid, Augsburg, Germany; vested in the Alien Property Custodian. Air propeller driving system. 2,378,580; June 19.
Pray, George E., Clearfield, Pa. Tuning impedances for high radio frequencies. 2,366,750; Jan. 9.
Pray, James B: *See*—
Shonts, J. G., and Pray.
Pray, Wilbur F., Dobbs Ferry, N. Y., assignor to Askania Regulator Company, Chicago, Ill. Stabilizer for regulators. 2,377,300; May 29.
Precision Engineering Company Limited: *See*—
Olah, George, assignor.
Short, Herbert E., assignor.
Precision Shapes, Inc.: *See*—
Antos, George, assignor.
Pregel, Boris: *See*—
Perrin, F., and Pregel.
Ratner, Essel, assignor.
Premier Crystal Laboratories, Inc.: *See*—
Bach, Henry M., assignor.
Premier Glass Works, Inc.: *See*—
Gebauer, Walter, assignor.
Premium Merchandising Corp.: *See*—
Moore, David P., assignor.
Prentice, Allan L., Ashtabula, Ohio, assignor to J. L. Ortner, Cincinnati, Ohio. Device for eliminating wear on brake beam heads. 2,377,371; June 5.
Prentice, Allan L., Cleveland, assignor of fifty per cent to J. L. Ortner, Cincinnati, Ohio. Device for eliminating wear on brake shoe heads. 2,377,372; June 5.
Prentice, G. E., Mfg. Co., The: *See*—
Legat, Robert C., assignor.
Prentice, James M., et al.: *See*—
Ellis, Clarence M., assignor.
Prentice, James M., South Hadley, Mass. Apparatus for games or the like. 2,372,851; Apr. 3.
Prentiss Wabers Products Co.: *See*—
Nelson, A., and Niemann, assignors.
Prescott, Charles H., Jr.: *See*—
Kohman, G. T., and Prescott.

Present, John L.: *See*—
Miller, J. S., and Present.
President & Board of Trustees of St. Louis University: *See*—
Doisy, E. A., and Katzman, assignors.
Press Association, Inc.: *See*—
Barnes, James C., assignor.
Press Wireless, Inc.: *See*—
Hilferty, Richard A., assignor.
Sprague, Robert M., assignor.
Sprague, R. M., and Fraim, assignors.
Presser, Eric A. F., East Chicago, Ind. Double-acting kneader improvements. 2,390,460; Dec. 4.
Pressley, Jackson H., Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic phonograph control mechanism. 2,370,875; Mar. 6.
Pressley, Jackson H., Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Driving mechanism for phonograph turntables. 2,386,503; Oct. 9.
Preston, Frederick A., Lake Forest, assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Shipping bundle for rail anchors. 2,370,417; Feb. 27.
Preston, Herbert E., assignor, by mesne assignments, to American Engineering Company, Philadelphia, Pa Stoker. 2,385,027; Sept. 18.
Preston, John E., assignor to The American Laundry Company, Cincinnati, Ohio. Sequence timer and measuring control. 2,374,779; May 1.
Preston, John E., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Electronic control for ironing or drying machinery. 2,387,292; Oct. 23.
Preston, John E., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Electronic control for ironing or drying machinery. 2,387,293: Oct. 23.
Preston, John E., Northport, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Controlling relay. 2,389,458; Nov. 20.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,371,263; Mar. 13.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,371,264; Mar. 13.
Preston, Paul F., Newark, N. J., assignor to E. I. du Pont de Memours & Company, Wilmington, Del. Cementing jig. 2,377,962; June 12.
Preston, Ralph H., Roseland, assignor to American Transformer Company, Newark 5, N. J. Voltage regulator. 2,388,996; Nov. 13.
Pretzel, Paul W., Brookfield, Ill. Making a water-proof felted sheet. 2,375.244; May 8.
Pretzel, Paul W., Brookfield, Ill. Manufacture of rubberized fibers and sheets. 2,375,245; May 8.
Prevette, Joseph M., Arlington, Va. Combination screen and storm door and window. 2,377,449; June 5.
Prewitt, Richard H., Lansdowne, assignor to Autogiro Company of America, Philadelphia, Pa. Aircraft. 2,380,581; July 31.
Prezioso, Giuseppe, Yverdon, Switzerland, assignor to E. Paillard & Cie, S. A. Line spacing device for typewriters. 2,388,936; Nov. 13.
Pribyl, Edward: *See*—
Braker, W., and Pribyl.
Price, Albert: *See*—
Wilder, Charlton, assignor.
Price, Charles S., Hollis, N. Y. Ornaments such as Christmas trees and manufacture. 2,382,746; Aug. 14.
Price, Clifford L., Oakland, Calif. Sound recording and reproducing system. 2,384,131; Sept. 4.
Price, Donald: *See*—
Davis, G. D., Price, and Milligan.
Price, Donald, New York, N. Y., and R. Griffith, Fairhaven, assignors to National Oil Products Company, Harrison, N. J. Production of hydroxy fatty acids. 2,367,050; Jan. 9.
Price, Donald, New York, N. Y., and E. L. May, East Orange, assignors to National Oil Products Company, Harrison, N. J. Surface active rosin derivatives. 2,376,381; May 22.
Price, Donald, New York, N. Y., and E. L. May, East Orange, assignors to National Oil Products Company, Harrison, N. J. Rosin derivatives. 2.376,382; May 22.
Price, Donald, New York, N. Y., and R. L. Bond, Cranford, assignors to National Oil Products Company, Harrison, N. J. Amino-methylene derivatives of salicylamide and process therefor. 2,385,940; Oct. 2.
Price, Donald, New York, N. Y., and E. L. May, Chevy Chase, Md., assignors to National Oil Products Company, Harrison, N. J. Ketonic rosin derivatives. 2,390,736; Dec. 11.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission operating mechanism. 2,373,259; Apr. 10.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Control valve. 2,383,682; Aug. 28.
Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Tractor-trailer braking system. 2,387,942; Oct. 30.
Price, Elmer F., Borger, Tex. Preventing paraffin deposits in oil wells. 2,368,777; Feb. 6.
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,391,192; Dec. 18.
Price, Jacob R., Kansas City, Mo. Battery opening apparatus. 2,380,329; July 10.
Price, John F., and I. L. Wilcox, assignor to Oswego Falls Corporation, Fulton, N. Y. Application of closures to containers. 2,373,708; Apr. 17.
Price, Joseph W., Jr., Jenkintown, assignor to The United States Metallic Packing Company, Philadelphia, Pa. Segmental packing ring. 2,375.869; May 15.
Price, Laurence L., Los Angeles, and M. E. Maltby, Bell, Calif., assignors, by mesne assignments, to P. A. Wooster. Towel dispenser. 2,369,851; Feb. 20.
Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Auxiliary steam plant for aircraft. 2,379,183; June 26.
Price, Paul E.: *See*—
Reichert, W., Pedersen, and Price.
Price, Peter R.: *See*—
Thomas, F. M., and Price.
Price, Ralph E.: *See*—
Balsiger, H. E., and Price.
Price, Robert W.: *See*—
Moos, A. M., and Price.
Price, Thomas H., Chelmsford, England, assignor to Radio Corporation of America. Radio transmitter. 2,381,181; Aug. 7.
Price, Thomas H., Chelmsford, England, assignor to Radio Corporation of America. Amplifier circuit arrangement. 2,383,888; Aug. 28.
Price, Victor, Akron, Ohio. Turnbuckle wrench. 2,386,342; Oct. 9.
Price, Wilbur H., Cleveland, Ohio. Phonograph disk record cabinet. 2,381,517; Aug. 7.
Price, William R., Niagara Falls, N. Y. Heating apparatus. 2,391,071; Dec. 18.
Prichard, William W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymer treatment. 2,387,530; Oct. 23.
Prideaux, Gwilym F., Cleveland Heights, Ohio, assignor to General Electric Company, New York, N. Y. Flashlight. 2,367,888; Jan. 23.
Prideaux, Gwilym F., Cleveland Heights, Ohio, assignor to General Electric Company. Firearm sight. 2,385,649; Sept. 25.
Priess, Louis A., Minneapolis, Minn. Ice gripper. 2,366,649; Jan. 2.
Priessman, Neil Y., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor and making it. 2,382,024; Aug. 14.
Prime Fastener Company: *See*—
Roseman, Leo, assignor.
Prime Manufacturing Company: *See*—
Kelly, Daniel A., assignor.
Nelson, Harry B., assignor.
Primrose, John, Staten Island, N. Y., and C. E. McCulloch, Westfield, N. J., assignors to Foster Wheeler Corporation, New York, N. Y. Heater. 2,380,464; July 31.
Prince, Burton A., Westfield, Mass., assignor to W. E. Irving, Glenbrook, Conn. Grating. 2,377,648; June 5.
Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Exhaust gas operated turbine arrangement. 2,369,175; Feb. 13.
Prince, David C., Schenectady, N. Y., assignor to General Electric Company. Engine supercharger system. 2,379,455; July 3.
Prince, John, Sioux City, assignor of one-half to A. P. Nelson, Spencer, Iowa. Wind impeller governor. 2,384,767; Sept. 11.
Pringle, Edward T., Jr., Brooklyn, N. Y. Tool holder. 2,382,911; Aug. 14.
Pringle, Floyd J., Massena, N. Y. Clamp. 2,383,078; Aug. 21.
Pringle, William, Rego Park, Long Island, N. Y. Baseball game. 2.375.583; May 8.
Prins, Klaas, Mount Lebanon, Pa. Loading station for endless conveyers. 2,367,609; Jan. 16.
Prins, Leendert, New York, N. Y. Clock. Re. 22,640; May 1.
Printasign Corporation of America: *See*—
Reynolds, M., and Barrett, assignors.
Printing Arts Research Laboratories, Inc.: *See*—
Marx, Walter S., Jr., assignor.
Printing Machinery Co., The: *See*—
Augustine, Lee, assignor.
Prinz, Martin V. H., Omaha, Nebr. Treatment of fermentable matter. 2,374,620; Apr. 24.
Prinzivalli, Sam, Brooklyn, N. Y. Motion picture camera spool. 2,380,788; July 31.
Prismacolor, Inc.: *See*—
Lebus, William A., assignor.
Monk, G. S., and Case, assignors.
Widell, Charles, assignor.
Pritchard, Percy, Wootton Wawen, England. Molding machine. 2,371,980; Mar. 20.
Pritchard, Percy. Wootton Wawen, England. Electric resistor furnace for the heating and melting of metals. 2,379,651; July 3.
Proaps, Irwin F., Wichita, Kans. Self-centering curing bag for tire section molds. 2,386,504; Oct. 9.
Probst, Emmet, Mountain View, N. J. Sharpening implement. 2,367,737; Jan. 23.

Probst, Emmet, Mountain View, N. J. Sharpening implement. 2,370,324; Feb. 27.
Process Holdings Company: *See*—
Eckey, Eddy W., assignor.
Richardson, A. S., and Taylor, assignors.
Smith, Nathaniel L., assignor.
Process Management Company, Inc.: *See*—
Ruthruff, Robert F., assignor.
Prochaska, Carroll W.: *See*—
Seaholm, Nils, assignor.
Procter, Anthony, Newcastle-upon-Tyne, England. Oil seal. 2,370,913; Mar. 6.
Procter, Anthony, Newcastle-upon-Tyne, 1, England. Piston construction, packing. 2,387,181; Oct. 16.
Procter, Anthony, Newcastle-upon-Tyne, England. Hydraulic packing washer. 2,387,182; Oct. 16.
Procter & Gamble Company, The: *See*—
Byerly, David R., assignor.
Daniels, Robert C., assignor.
Quimby, Oscar T., assignor.
Richardson, Albert S., assignor.
Richardson, A. S., and McAllister, assignors.
Tucker, Nathaniel B., assignor.
Proctor, B. A., Company, Inc.: *See*—
Proctor, Barton A., assignor.
Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Device for reproducing recorded communications. 2,366,458; Jan. 2.
Proctor, George N., Verona, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Storage battery. 2,368,491; Jan. 30.
Proctor, George N., Verona, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Storage battery. 2,381,140; Aug. 7.
Proctor, Ralph R., Glendale, Calif. Variable sensitivity control valve. 2,380,705; July 31.
Proctor & Schwartz, Incorporated: *See*—
Bokum, William F., assignor.
Myers, Joseph W., assignor.
Myers, J. W., and Roesch, assignors.
Sibson, W. W., Jr., and Belcher, assignors.
Walder, E., and Myers, assignors.
Production Devices Incorporated: *See*—
Cross, C. B., and Zipp, assignors.
Production Engineering Company: *See*—
Martine-Lally, L. A., Doney and Ditto, assignors.
Production Instrument Company: *See*—
Nelson, Martin L., assignor.
Poole, Frederick A., assignor.
Products Development, Inc.: *See*—
Abernathy, David W., assignor.
Stearns, Harry C., assignor.
Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Stabilizers for oils. 2,369,490; Feb. 13.
Proell, Wayne A., Chicago, Ill., and F. K. Ovitz, Whiting, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrogen chloride-aluminum chloride hydrocarbon conversion processes. 2,382,814; Aug. 14.
Progress Lithographing Company: *See*—
Klein, Charles H., assignor.
Progressive Welder Company: *See*—
Leathers, Chester F., assignor.
Purat, Hugo, assignor.
Pronovost, David, Rosemont, Montreal, Quebec, Canada. Abrasive machine. 2,380,789; July 31.
Pro-Phy-Lac-Tic Brush Company: *See*—
Dahle, Joseph, assignor.
Prosk, William: *See*—
Briskin, J., and Prosk.
Prosperity Company, Inc., The: *See*—
Davis, Ernest, assignor.
Davis, E., and Gayring, assignors.
Gayring, Wallace F., assignor.
Prosser, Garold W., Rock Island, Ill. Baby's bottle holder. 2,390,737; Dec. 11.
Protecto Products Co. Inc.: *See*—
Clark, Louis, assignor.
Protectoseal Company of America, Inc.: *See*—
Anschicks, Rudolph J., assignor.
Prothero, Harry T.: *See*—
Noelting, W. H., and Prothero.
Proudfoot, Oliver P.: *See*—
Lillquist, A. E., and Proudfoot.
Proudman, Chester F., New Canaan, Conn. System of aeration. 2,380,465; July 31.
Proulx, Leonard E., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping uppers over lasts. 2,385,466; Sept. 25.
Proulx, Leonard E., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Channel closing machine. 2,390,616; Dec. 11.
Prout, Arthur L., assignor of one-half to B. Pugsley, Long Beach, and one-half to M. A. Campbell, Los Angeles, Calif. Well casing expander. 2,383,214; Aug. 21.
Provenzano, Gaetano, New York, N. Y. Composition of matter. 2,378,102; June 12.
Provenzano, Gaetano, Greenwich, Conn. Torpedo defense for ships. 2,387,090; Oct. 16.
Provenzano, Gaetano, New York, N. Y. Collapsible enclosed boat. 2,391,594; Dec. 25.
Providence, Ulysses A., Harrisburg, Pa. Turnbuckle jig. 2,367,689; Jan. 23.
Provost, Peter E., Pawtucket, R. I. Adjustable picking motion. 2,371,354; Mar. 13.
Prowd, William T., Middle Park, Victoria, Australia. Pipe coupling. 2,388,179; Oct. 30.
Prows, James F., Vallejo, Calif. Ship locator and raising device. 2,373,502; Apr. 10.
Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,367,792; Jan. 23.
Prueitt, Ralph C.: *See*—
Sanford, H. W., Sanford, II, and Prueitt.
Pruneau, Joseph L., Chicago, J. Mullally, River Grove, and J. F. Hanrahan, assignors to Paper Converting and Finishing Company, Chicago, Ill. Calendar edging and calendar and method and machine for assembling same. 2,387,808; Oct. 30.
Pryde, Margaret S., et al., executrices: *See*—
Smith, Robert A., assignor.
Pryor, Robert C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Instrument release. 2,366,982; Jan. 9.
Ptáček, Anna, New York, N. Y. Concentration mirror for airplanes. 2,375,134; May 1.
Publicker Commercial Alcohol Company: *See*—
Legg, D. A., and Beesch, assignors.
Publix Metal Products Inc.: *See*—
Nisenson, Jules, assignor.
Pucci, Zeno J.: *See*—
Leggett, H., and Pucci.
Puchy, Clarence G., Cleveland, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,386,505; Oct. 9.
Puckett, Macon A., Marietta, Ga. Rope clamp. 2,386,908; Oct. 16.
Puckett, Nick T., assignor to M. A. Hofft, Indianapolis, Ind. Apparatus for burning refuse. 2,381,182; Aug. 7.
Pudge, Frederick A., Boise, Idaho, assignor to Nevada Engine Corporation, Winnemucca, Nev. Engine supercharger. 2,377,450; June 5.
Puerner, J. Harold: *See*—
Puerner, Joseph H.
Puerner, Joseph H., also known as J. Harold Puerner, Jefferson, Wis. Display easel. 2,388,435; Nov. 6.
Pufahl, Hans: *See*—
Chelborg, R., and Pufahl.
Puffer, Samuel R., Lynnfield Center, Mass., assignor to General Electric Company. Cooling arrangement for gas turbines. 2,388,997; Nov. 13.
Puffer, Samuel R., Lynnfield Center, Mass., and R. H. Norris, Schenectady, N. Y., assignors to General Electric Company. Gas turbine cooling arrangement. 2,388,998; Nov. 13.
Pugh, Clark E.: *See*—
Luenberger, F. O., and Pugh.
Pugh, Cyril A., assignor to The Plessey Company Limited, Ilford, England. Hydraulic pump. 2,391,072; Dec. 18.
Pugh, Cyril A., and D. G. Booth, Ilford, and P. J. Jarvis, East Ham, London, assignors to The Plessey Company Limited, Ilford, England. Fuel control device for internal-combustion engines. 2,383,563; Aug. 28.
Pugsley, Bessie, et al.: *See*—
Prout, Arthur L., assignor.
Puig y Terradas, Enrique, Central Algodones, Cuba. Continuous centrifugal separator. 2,368,876; Feb. 6.
Puleo, Anthony J.: *See*—
Puleo, Joseph M. and A. J.
Puleo, Joseph M., Dundalk, and A. J. Puleo, Baltimore, Md. Remote control for varying electric welding resistance. 2,384,195; Sept. 4.
Pull, Burnard T.: *See*—
Seymour, G. W., and Pull.
Pullen, Alfred N. D., Shrewsbury, England, assignor, by mesne assignments, to Aluminum Company of America, Pittsburgh, Pa. Surface treatment of aluminum and aluminum alloys. 2,376,082; May 15.
Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Handling mechanism for match combs and match comb packets. 2,388,011; Oct. 30.
Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Making match packets. 2,388,012; Oct. 30.
Pullenlite Company: *See*—
Pullen, Rodney S., assignor.
Pullman Company, The: *See*—
Tully, J. K., Andersen, and Jones, assignors.
Pullman-Standard Car Manufacturing Company: *See*—
Johnsen, Iver, Jr., assignor.
Turner, Charles H., assignor.
Pulmosan Safety Equipment Corporation: *See*—
Burke, Edward W., assignor.
Pulver, Albert H., Jr., Torrington, Conn. Changeable price sign. 2,388,180; Oct. 30.
Pulver, Frank F., St. Petersburg, Fla., and W. H. Matthews, Rochester, N. Y., assignors to Alliance Investment Corporation, St. Petersburg, Fla. Towel dispensing apparatus. 2,378,789; June 19.
Pummill, Edwin W., Indianapolis, Ind. Self-locking nut or bolt. 2,380,994; Aug. 7.
Pumphrey, Walter H., assignor of one-half to E. J. Cantin, New York, N. Y. Bolt. 2,388,658; Nov. 6.
Pumphrey, William B., Oakland, Calif. Filter. 2,386,506; Oct. 9.

Punnett, Elton B., Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Manufacture of succinic acid. 2,370,579; Feb. 27.
Punte, William F.: *See*—
Coyle, J., and Punte.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Reclosable metal container. 2,383,274; Aug. 21.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Self-closing top and dispensing container. 2,391,345; Dec. 18.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Crown capped container. 2,391,346; Dec. 18.
Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Tablet box. 2,391,347; Dec. 18.
Purat, Hugo, assignor to Progressive Welder Company, Detroit, Mich. Cable connector. 2,371,185; Mar. 13.
Purat, Hugo, assignor to Progressive Welder Company, Detroit, Mich. Welding machine. 2,372,117; Mar. 20.
Purcell, Joseph: *See*—
Sundt, E. V., and Purcell.
Purdon, James R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhesive composition and adhering waxed surfaces. 2,373,597; Apr. 10.
Purdue Research Foundation: *See*—
Gwynn, B. H., and Degering, assignors.
Hass, Henry B., assignor.
Hass, H. B., and McElroy, assignors.
Hass, H. B., and Vanderbilt, assignors.
Larrison, M. S., and Hass, assignors.
Purdy, Edgar H., West Hempstead, N. Y. Wound protector. 2,367,690; Jan. 23.
Purdy, Eugene H.: *See*—
Jakobsson, Gustav H., assignor.
Purdy, Everett M.: *See*—
Tabb, W. T., and Purdy.
Purdy, Everett M., and W. T. Tabb, Brooklyn, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Nozzle for fuel injection systems. 2,375,492; May 8.
Pure Milk Cheese Co.: *See*—
Petersen, Thorkild, assignor.
Pure Oil Company, The: *See*—
Ayers, G. W., Jr., and Henderson, assignors.
Bell, R. T., and Thacker, assignors.
Bell, R. T., Folkins, and Thacker, assignors.
Bond, Donald C., assignor.
Folkins, H. O., and Thacker, assignors.
Harton, E. E., Jr., and Lyon, assignors.
Ridgway, Charles M., assignor.
Ross, W. B., and Boldt, assignors.
Ross, W. B., Backoff, and Williams, assignors.
Schindler, Hans, assignor.
Sowers, Wesley H., assignor.
Stucker, Joseph B., assignor.
Thacker, Carlisle M., assignor.
Whittier, William A., assignor.
Williams, N. D., and Backoff, assignors.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Radio directional indication system. 2,367,372; Jan. 16.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic program selector. 2,368,778; Feb. 6.
Purington, Ellison S., Gloucester, Mass., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Selective control circuit. 2,382,097; Aug. 14.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Plastic button. 2,385,467; Sept. 25.
Purkiss, Robert B., Indianapolis, assignor to Hill-Rom Company, Inc., Batesville, Ind. Dowel pin assembly. 2,388,181; Oct. 30.
Purpura, August C., Chicago, Ill. Aircraft. 2,272,291; Mar. 27.
Purse, John H.: *See*—
Law, G. H., and Purse.
Purtell, William A., West Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Driver for socketed screws. 2,369,852; Feb. 20.
Purtell, William A., West Hartford, Conn., assignor to The Holo-Krome Screw Corporation. Screw driver. 2,369,853; Feb. 20.
Purves Corporation: *See*—
Beach, Lennox F., assignor.
Purves, J. C., and Beach, assignors.
Purves Corporation, The: *See*—
Beach, L. F., and Purves, assignors.
Purves, John C.: *See*—
Beach, L. F., and Purves.
Purves, John C., Springfield, Mass., and L. F. Beach, Merrick, N. Y., assignors to Purves Corporation. Magnetic field responsive device. 2,383,460; Aug. 28.
Purvin, Benjamin R., assignor to Barber-Colman Company, Rockford, Ill. Tailstock clamp. 2,368,877; Feb. 6.
Puryear, Edgar F., et al.: *See*—
Carruth, Donald D., assignor.

Pusey & Jones Corporation, The: *See*—
Bratton, Samuel M., assignor.
Putman, Henry V., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Magnetic core structure. 2,387,943; Oct. 30.
Putman, Henry V., and J. K. Hodnette, Sharon, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Core structures for inductive apparatus. 2,382,172; Aug. 14.
Putnam, Erle T., Detroit, Mich., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Building block. 2,375,384; May 8.
Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Navigation instrument. 2,376,006; May 15.
Putnam, John P., assignor to The Reece Button Hole Machine Company, Boston, Mass. Flattening curly polymerized styrene sheets. 2,386,976; Oct. 16.
Putnam, Stephen R.: *See*—
Worthen, E. P., Barbour, and Putnam.
Putnam, Thomas A.: *See*—
Carter, O. L., and Putnam.
Putt, Harold L., Long Beach, Calif. Seat locator. 2,390,665; Dec. 11.
Pye Limited: *See*—
Dalgleish, James W., assignor.
Pyle, James J.: *See*—
D'Alelio, G. F., and Pyle.
Pyle, William D., Indianapolis, Ind. Fountain comb structure. 2,370,258; Feb. 27.
Pyles, Clarence R. and K. L., Harrisburg, Pa. Flashlight projector. 2,368,779; Feb. 6.
Pyles, Katie L.: *See*—
Pyles, Clarence R. and K. L.
Pyne, Roger S., Longmeadow, and E. A. Allen, Westfield, Mass., assignors to Van Norman Company. Cross-feed mechanism for grinding machines. 2,370,580; Feb. 27.
Pyne, Roger S., Springfield, and E. A. Allen, Westfield, Mass., assignors to Van Norman Company. Drive for oscillating grinders. 2,381,687; Aug. 7.
Pyrene Development Corporation: *See*—
Bedford, Howard E., assignor.
Clifford, Wilfred J., assignor.
Timpson, Lewis G. M., assignor.
Pyzel, Robert, New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Heat exchange apparatus. 2,382,255; Aug. 14.
Quadrex Corporation: *See*—
Leathers, Ward, assignor.
Tresise, D. J., and Ratzer, assignors.
Quaker Oats Company: *See*—
Johnson, W. C., and Kirk, assignors.
Quaker Oats Company et al.: *See*—
Turner, C. W., and Reineke, assignors.
Quaker Oats Company, The, et al.: *See*—
Graham, W. R., Jr., and McCarty, assignors.
Turner, C. W., and Reineke, assignors.
Quality Hardware and Machine Corporation: *See*—
Snyder, Leland H., assignor.
Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Loud-speaker. 2,380,869; July 31.
Quam-Nichols Company: *See*—
Quam, James P., assignor.
Quarfoot, Harry B., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Anti-tampering attachment for valves. 2,377,036; May 29.
Quarles, Richard W.: *See*—
Cogan, H. D., and Quarles.
Quarles, Richard W., Pittsburgh, Pa., and A. K. Doolittle, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Moistureproofing paper. 2,391,620; Dec. 25.
Quartz, Herbert O., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrode holder. 2,378,727; June 19.
Quatman, George B., Lima, Ohio. Refrigerated food locker room. 2,375,688; May 8.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lifting truck. 2,367,051; Jan. 9.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Hand lift truck. 2,369,854; Feb. 20.
Quayle, Joshua C.: *See*—
Walton, G. H., Quayle, and Jones.
Quayle, Joshua C., Helsby, assignor to British Insulated Cables Limited, Prescot, Lancashire, England. Guide for the transmission of electric waves. 2,374,498; Apr. 24.
Quayle, Joshua C., Helsby, assignor to British Insulated Cables Limited, Prescot, Lancashire, England. Guide for the transmission of electric waves. 2,381,367; Aug. 7.
Quayle, Joshua C., Manley, Helsby, and W. C. Handley, Frodsham, Via Warrington, assignors to British Insulated Cables Limited, Prescot, England. Electric condenser. 2,374,499; Apr. 24.
Queen, Harold E., et al., executors: *See*—
Replogle, Daniel B.
Queirold, William, San Francisco, Calif. Condensation drain. 2,382,579; Aug. 14.
Queneau, Augustin L. J., Morristown, N. J., assignor to United States Steel Corporation of Delaware. Zinc condenser. 2,380,548; July 31.

Quentin, Alberto, Milan, Italy; vested in the Alien Property Custodian. Tempering glass articles. 2,375,944; May 15.
Quest, Harold, et al.: *See*—
Leibfritz, William F., assignor.
Quick Charge, Incorporated: *See*—
Fletcher, Albert C., assignor.
Quigley Company, Inc.: *See*—
Thayer, Howard C., assignor.
Quigley, Herbert, assignor to National Brass Company, Grand Rapids, Mich. Lawn sprinkler. 2,376,007; May 15.
Quigley, Herbert, and H. Ter Meer, assignors to National Brass Company, Grand Rapids, Mich. Latch. 2,382,663; Aug. 14.
Quilter, John R. C., Woking, England. Container. 2,372,981; Apr. 3.
Quilter, John R. C., Woking, England. Parachute pack. 2,387,350; Oct. 23.
Quilter, John R. C., Woking, England. Parachute pack. 2,389,578; Nov. 20.
Quilter, John R. C., and J. Gregory, Woking, England. Aviator's garment. 2,382,816; Aug. 14.
Quimby, Oscar T., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Acid triphosphates as builders for alkyl sulphates and other soapless detergents. 2,383,502; Aug. 28.
Quin, Denis C., London, England. Manufacture and use of hydrocarbons derived from styrene and its homologues. 2,386,507; Oct. 9.
Quin, William H., Toronto, Ontario, Canada. Necktie holder. 2,384,694; Sept. 11.
Quinby, Albert J., New York, assignor to Display Finishing Company, Inc., Long Island City, N. Y. Display device. 2,373,778; Apr. 17.
Quinby, Edwin J., Key West, Fla., assignor to Radio Corporation of America. Viewing device. 2,384,259; Sept. 4.
Quincy Stove Manufacturing Company, The: *See*—
Castle, Boyd F., assignor.
Castle, B. F., and Wodell, assignors.
Quinn, Ada, Ogden, Utah. Wrap-around garment. 2,373,415; Apr. 10.
Quinn, Archibald C.: *See*—
Ford, H., Ensign, and Quinn.
Quinn, Edward, Saugus, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for fastening uppers to insoles. 2,387,351; Oct. 23.
Quinn, Francis B., Thompsonville, and R. G. Levitch, Enfield, assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Fabric coating machine. 2,384,695; Sept. 11.
Quinn, John B., West Los Angeles, Calif. Aircraft landing apparatus. 2,374,306; Apr. 24.
Quinn, Robert G., Bound Brook, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Forming asbestos papers with gel binders. 2,373,914; Apr. 17.
Quinn, Robert G., Bound Brook, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Oil stove wick. 2,376,083; May 15.
Quinn, Thomas H., Chicago, Ill. Liquid filter. 2,369,915; Feb. 20.
Quinnell, La Vern E.: *See*—
Koonz, J. C., and Quinnell.
Quinnell, La Vern E., and J. C. Koonz, assignors to The Magnovox Company, Fort Wayne, Ind. Solenoid initiating mechanism for machine guns or other devices. 2,380,262; July 10.
Quinnell, La Vern E., and J. C. Koonz, assignors to The Magnavox Company, Fort Wayne, Ind. Solenoid initiating mechanism for machine guns. 2,380,611; July 31.
Quinney, Norman T., Miami, Fla. Convertible chair. 2,377,649; June 5.
Quintrell, Harry J., San Gabriel, assignor to Lane-Wells Company, Los Angeles, Calif. Tubing anchor and packer assembly. 2,380,612; July 31.
Quisling, Sverre, Madison, Wis. Prolamine coating materials. 2,383,990; Sept. 4.
Rabasa, Joseph, Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Drawing mechanism for spinning and roving frames. 2,381,856; Aug. 7.
Rabenda, Edward J.: *See*—
Mills, A. W., Furman, and Rabenda.
Rabenda, Edward J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Recording and communication apparatus. 2,379,827; July 3.
Raber, Walter D., Chicago, Ill. Artificial tooth. 2,370,488; Feb. 27.
Rabinowitz, Louis M.: *See*—
Ruysdael, Basil, assignor.
Rabinowitz, Louis M., assignor to Lamar Slide Fastener Corp., New York, N. Y. Manufacture of slide fasteners. 2,366,287; Jan. 2.
Rabinowitz, L. M., & Company, Inc.: *See*—
Dasher, Richard, assignor.
Rabjohn, Lloyd E., Glendale, Calif. Collapsible boat. 2,377,963; June 12.
Rabuse, Frank M., Kansas City, Kans. Oil discharging torpedo. 2,377,181; May 29.
Race, Hubert H.: *See*—
Willcox, T. N., and Race.
Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic film registration. 2,369,176; Feb. 13.
Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Optical adjustment. 2,382,580; Aug. 14.
Rack's Inc.: *See*—
(Wall, H. D., assignor) and P. B.
Racz, Michael, East Chicago, Ind. Blockade device. 2,390,461; Dec. 4.
Radabaugh, John M., Mount Vernon, Ohio. Electrode holder. 2,371,649; Mar. 20.
Radcliffe, Thomas J., Belleville, N. J., assignor to General Electric Company. Coating apparatus. 2,372,118; Mar. 20.
Radde, Henry H. and W. A., Bay City, Mich. Seed dispensing mechanism. 2,374,132; Apr. 17.
Radde, William A.: *See*—
Radde, Henry H. and W. A.
Rademaker, John C., Palo Alto, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, San Francisco, Calif, as trustee for the benefit of Reconstruction Finance Corporation. Production of magnesium. 2,391,193; Dec. 18.
Radford, George S., Norwalk, Conn., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Play ball and making the same. 2,376,084; May 15.
Radford, George S., Norwalk, Conn., assignor to Nashua Manufacturing Company, Nashua, N. H. Napped fabric and method. 2,390,386; Dec. 4.
Radford, George S., New Canaan, Conn., and A. Couture, Springfield, Mass., assignors to A. G. Spalding & Bros. Inc., New York, N. Y. Process and apparatus for making balls and improved balls. 2,376,085; May 15.
Radiart Corporation, The: *See*—
Mace, Arthur T., assignor.
Moran, John W., assignor.
Van Benschoten, Walter, assignor.
Radick, Curtis L., New Berlin, Wis. Boat hitch. 2,387,352; Oct. 23.
Radio Corporation of America: *See*—
Albin, Frederick G., assignor.
Alburger, James R., assignor.
Anderson, Earl I., assignor.
Anderson, Leslie J., assignor.
Artzt, Maurice, assignor.
Badmaieff, Alexis, assignor.
Baker, Richard F., assignor.
Bayless, James W., assignor.
Beard, Joseph G., assignor.
Bedford, Alda V., assignor.
Beers, George L., assignor.
Berry, Henry W., assignor.
Bierwirth, Rudolph A., assignor.
Blain, Albert, assignor.
Blessing, Gregory W., assignor.
Braden, Rene A., assignor.
Bohlke, William H., assignor.
Bollinger, Waldon P., assignor.
Braaten, Arthur M., assignor.
Broos, Henricus A., assignor.
Brown, Andrew L., assignor.
Brown, George H., assignor.
Cantelo, Herbert R., asignor.
Carlson, Wendell L., assignor.
Clark, Robert W., assignor.
Cockerell, Christopher S., assignor.
Collings, Frederick C., Jr., assignor.
Crawley, James B., assignor.
Crosby, David R., assignor.
Crosby, Murray G., assignor.
Cunningham, David H., assignor.
Cunningham, O. B., Sussman, and Gubin, assignors.
Deal, Harmon B., assignor.
DeVore, Henry B., assignor.
Dimmick, Glenn L., assignor.
Donal, John S., Jr., assignor.
Donley, Hugh L., assignor.
Dow, O. E., and Goldstine, assignors.
Eaton, Thomas T., assignor.
(Elliott, C. I., assignor), and Pantalone
Elston, George F., assignor.
Ferris, Warren R., assignor.
Flory, Leslie E., assignor.
Ford, John R., assignor.
Ford, J. R., and Brumbaugh, assignors.
Foster, Dudley E., assignor.
Fredendall, Gordon L., assignor.
Garthwaite, Ernest, assignor.
George, R. H., and Hesselberth, assignors.
Gillespie, Charles N., assignor.
Gillespie, Henderson C., assignor.
Goddard, De Witt R., assignor.
Goldsmith, Alfred N., assignor.
Goldstine, Hallan E., assignor.
Goodale, Elmer D., assignor.
Goodrich, Robert R., assignor.
Green, E., and Clough, assignors.
Grosdoff, Igor E., assignor.
Guedon, Emile C., assignor.
Hansell, Clarence W.
Hansell, Clarence W., assignor.
Harvey, R. L., and Fisher, assignors.
Hathaway, Jarrett L., assignor.

Radio Corporation of America: *See*—Continued
Haynes, Robert L., assignor.
Hayward, Sheldon, C., assignor.
Hegener, Joseph, assignor.
Heller, Harold P., assignor.
Herold, Edward W., assignor.
Hillier, James, assignor.
Hirmann, Julius, assignor.
Hogan, John V. L., assignor.
Hollingsworth, R. Lee, assignor.
Hollingsworth, "R." Lee, assignor.
Holst, Paul F. G., and Kirkwood, assignors.
Jones, John W., Jr., assignor.
Jones, Loren F., assignor.
Keizer, Eugene O., assignor.
Kellogg, Edward W., assignor.
Kennedy, Gilbert J., assignor.
Kilgore, George R., assignor.
Klingaman, George W., assignor.
Koch, Winfield, assignor.
Koch, Winfield R., assignor.
Kozanowski, Henry N., assignor.
Kreuzer, Barton, assignor.
Lawrence, Howard C., Jr., assignor.
Le Page, Wilbur R., assignor.
Leverenz, Humboldt W., assignor.
Levinson, Nathan, assignor.
Lindenblad, Nils E., assignor.
Lindenblad, N. E., and Finch, assignors.
Linder, Ernest G., assignor.
Little, Ralph V., Jr., assignor.
Luck, David G. C., assignor.
Lurcott, Eugene G., Jr., assignor.
MacLean, Kenneth G., assignor.
Magnusson, Knut J., assignor.
Maloff, I. G., assignor.
Malone, George, assignor.
Markowski, Walter T., assignor.
Marton, Ladislaus, assignor.
Masterson, Earl E., assignor.
Mathes, Richard E., assignor.
Matthews, Walter I., assignor.
McAllister, Elvy G., assignor.
Miller, W. A., and Shenk, assignors.
Moore, John B., assignor.
Newman, William E., assignor.
Norton, Lowell E., assignor.
Olsen, Walter E., assignor.
Olson, Harry F., assignor.
Oppermann, Kurt W., assignor.
Owens, James H., assignor.
Paré, Victor T., assignor.
Peterson, Harold O., assignor.
Price, Thomas H., assignor.
Purington, Ellison S., assignor.
Quinby, Edwin J., assignor.
Rajchman, J. A., and Snyder, assignors.
Ramberg, Edward G., assignor.
Reinhold, Leonhard F., assignor.
Reynolds, James H., assignor.
Roberds, W. M., and Wheeler, assignors.
Roberts, Walter van B., assignor.
Rosencrans, Charles A., assignor.
Schade, Otto H., assignor.
Schick, John R., assignor.
Schlesinger, Kurt, assignor.
Schroeder, Alfred C., assignor.
Seeley, Stuart W., assignor.
Seeley, S. W., and Rankin, assignors.
Seiler, Karl, 3rd, assignor.
Shaffer, Kenneth B., assignor.
Shoreys, Charles, assignor.
Shumard, Charles C., assignor.
Simpson, William E., assignor.
Singer, Kurt, assignor.
Sinnett, Chester M., assignor.
Sinnett, C. M., and Snepvangers, assignors.
Smith, James E., assignor.
Sontheimer, C. G. assignor.
Sontheimer, C. G., and Doak, assignors.
Spencer, James A., assignor.
Spencer, J. A., and Reinhold, assignors.
Spitzer, Edwin E., assignor.
Stanko, Edward, assignor.
Stott, Harold B., assignor.
Sziklai, George C., assignor.
Thomas, Harry E., assignor.
Thompson, Leland E., assignor.
Thompson, Walter S., assignor.
Tolson, William A., assignor.
Trevor, Bertram, assignor.
Tunick, Harry, assignor.
Underhill, Joseph L., assignor.
Usselman, George L., assignor.
Van Dyck, Arthur, assignor.
Vance, Arthur W., assignor.
Vasselli, Anthony J., assignor.
Watson, Waldon O., assignor.
Wendt, Karl R., assignor.
Whittaker, James L., assignor.
Winlund, Edmond S., assignor.

Radio Corporation of America: *See*—Continued
Witty, William M., assignor.
Wolf, Lester J., assignor.
Young, Charles J., assignor.
Young, John E., assignor.
Young, Lloyd L., assignor.
Zappacosta, Amedeo D., assignor.

Radio Electronics Limited: *See*—
Van den Bosch, F. J. G., and Tapp, assignors.

Radio Patents Corporation: *See*—
Bell, David A., assignor.
Rath, Karl, assignor.
Thomas, Harry W., assignor.

Radtke, Fred G., Milwaukee, Wis. Carrying tongs. 2,367,889; Jan. 23.

Radu, John W., assignor to H. Winston, Inc., New York, N. Y. Diamond cutting machine. 2,382,256; Aug. 14.

Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Sealed-in regulator. 2,377,265; May 29.

Raffles, Frank: *See*—
Linell, Charles S., assignor.

Raffold Process Corporation: *See*—
Rafton, Harold R., assignor.

Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Treatment of pigment comprising calcium carbonate. 2,383,509; Aug. 28.

Rafton, Harold R., Andover, Mass., assignor to Raffold Process Corporation. Manufacture of pigments and products made therewith. 2,385,379; Sept. 25.

Ragatz, Edward G.: *See*—
Dillon, L., and Ragatz.

Raggio, Maynard H., Chicago, Ill. Desk with typewriter attachment. 2,384,045; Sept. 4.

Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeping car room arrangement. 2,383,162; Aug. 21.

Ragupos, Geronimo R., Spokane, Wash. Oyster opening machine. 2,391,739; Dec. 25.

Raibourn, Charles N., Washington, D. C. Metalworking machine. 2,368,614; Feb. 6.

Railroad Accessories Corporation: *See*—
Hull, S. P., Corcoran, and (Lundy, assignor).
Schlesinger, Benjamin, assignor.

Railroad Rolling Stock Patents Corporation: *See*—
Breer, C., and Janeway, assignors.
Janeway, Robert N., assignor.

Rails Company, The: *See*—
Holstein, Frederick W., assignor.

Railway and Industrial Engineering Company: *See*—
Heberlein, G. E., and Kradel, assignors.

Railway Refrigeration Corporation: *See*—
Biehl, Alfred M., assignor.

Rainalter, Herman, Cumberland, Md., assignor to Celanese Corporation of America. Pumping device. 2,369,249; Feb. 13.

Rainer, William C.: *See*—
Warth, A. H., and Rainer.

Rainier, Edwin T., Nutley, and D. M. French, Passaic, N. J., asignors to United States Rubber Company, New York, N. Y. Nitrogen generating chemicals. 2,371,707; Mar. 20.

Rainsford, Thomas F., Detroit, assignor of one-half to L. Lawson, Dearborn, and one-half to A. J. D'Anna, Wyandotte, Mich. Gear shifting mechanism. 2,381,773; Aug. 7.

Raisch, Charles F.: *See*—
Garancher, M., and Raisch.

Raiter, Clifford R.: *See*—
Peterson, A. C., and Raiter.

Raiziss, George W., Le R. W. Clemence, and M. Freifelder, Philadelphia, Pa., assignors to Abbott Laboratories. Sulphanilylaminohydantoin. 2,384,964; Sept. 18.

Rajchman, Jan A., Philadelphia, Pa., and R. L. Snyder, Jr., Glassboro, N. J., assignors to Radio Corporation of America. Electron optical instrument. 2,372,450; Mar. 27.

Rakas, Nicholas J., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Composite article. 2,367,800; Jan. 23.

Rakauskas, James T., Chicago, Ill. Depth gauge. 2,373,338; Apr. 10.

Rakowsky, Victor, Joplin, Mo., and J. R. Reid, Madison, Tenn. Decorticating grain. 2,379,184; June 26.

Raley, John H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Sensitization of hydrogen bromide catalyzed oxidation reactions. 2,391,740; Dec. 25.

Ralston, Albert A., Fort Wayne, Ind., assignor to General Electric Company. Explosion-proof apparatus. 2,368,492; Jan. 30.

Ralston, Anderson W., J. P. Barrett, and M. R. McCorkle, assignors to Armour and Company, Chicago, Ill. Insecticidal compositions. 2,383,564; Aug. 28.

Ralston, Glenn S., Rockford, Ill., assignor to Servisoft, Inc. Water softener. 2,370,190; Feb. 27.

Ralston, James W., et al.: *See*—
Clavering, Gunnar, assignor.

Ralston, Ralph L., Jackson, Mich. Book toy. 2,367,373; Jan. 16.

Ralston, Seymour E., assignor to Structural Specialties, Inc., West Palm Beach, Fla. Stud, rafter, and joist bracket. 2,369,687; Feb. 20.

Ramaker, Ray E., Seattle, Wash. Corrective nipple for nursing bottles. 2,366,214; Jan. 2.
Ramberg, Edward G., Powellsville, Md., assignor to Radio Corporation of America. Electron lens system. 2,369,796; Feb. 20.
Rambold, Adolf, Dresden, Germany; vested in the Alien Property Custodian. Filling and measuring apparatus. 2,370,191; Feb. 27.
Rambush, Nicls E.: *See*—
Kalous, M. J., and Rambush.
Ramey, Mason L., San Pedro, Calif. Elevator. 2,375,584; May 8.
Ramey, Oscar A., Oakland, Calif. Daylight photographic numbering machine. 2,366,804; Jan. 9.
Ramo, Simon, Schenectady, N. Y., assignor to General Electric Company. High-frequency apparatus. 2,366,555; Jan. 2.
Ramsay, Albert, et al.: *See*—
Ramsay, Marcus, assignor.
Ramsay, Eric G., et al.: *See*—
Ramsay, Marcus, assignor.
Ramsay, Erskine, Birmingham, Ala. Machine for driving slopes and air courses in mines. 2,384,397; Sept. 4.
Ramsay, Marcus, Great Neck, assignor of eighteen and three-fourths per cent to A. Ramsay, eighteen and three-fourths per cent to E. G. Ramsay, twenty-five per cent to H. D. Spencer, New York, N. Y., and eighteen and three-fourths per cent to W. F. Young, Eugene, Oreg. Manufacture of piezoelectric oscillator blanks. 2,382,257; Aug. 14.
Ramseyer, Charles F.: *See*—
Brassert, H. A., and Ramseyer.
Ramseyer, Charles F., Old Greenwich, Conn., assignor to H. A. Brassert & Company, New York, N. Y. Cracking hydrocarbon gases and vapors. 2,389,636; Nov. 27.
Ramseyer, Charles F., Old Greenwich, Conn., and F. W. de Jahn, assignors to H. A. Brassert & Company, New York, N. Y. Bubble cap. 2,378,157; June 12.
Ramstedt, Emil, New Haven, and D. D. Symmes, West Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Apparatus for manufacturing wire rope. 2,374,133; Apr. 17.
Ranck, Clayton E.: *See*—
Marks, B. M., and Ranck.
Ranco Incorporated: *See*—
Hobbs, Walter V., assignor.
Rand, Edward H., assignor to Rand Rubber Company, Brooklyn, N. Y. Coating apparatus. 2,376,184; May 15.
Rand Rubber Company: *See*—
Rand, Edward H., assignor.
Randall, Albert T., Seattle, Wash. Toolbox. 2,386,573; Oct. 9.
Randall, Herman P., Pasadena, Calif. Lock-nut. 2,391,513; Dec. 25.
Randall, Robert M., and B. C. Mandeville, San Diego, Calif. Rivet squeezer. 2,368,378; Jan. 30.
Randall, Robert J., East Orange, assignor to Reiss Manufacturing Corp., Jersey City, N. J. Press opening device. 2,372,852; Apr. 3.
Randall, Robert J., East Orange, assignor to Reiss Manufacturing Corp., Jersey City, N. J. Apparatus for coating. 2,375,493; May 8.
Randall, William C., Birmingham, assignor to Detroit Steel Products Company, Detroit, Mich. Panel for use in walls, partitions, and the like. 2,367,610; Jan. 16.
Randall, William J., Lenton, England. Closure of collapsible containers. 2,376,185; May 15.
Randol, Glenn T., St. Louis, Mo. Change-speed transmission. 2,383,615; Aug. 28.
Randol, Glenn T., St. Louis, Mo. Control mechanism for change-speed gearing. 2,383,616; Aug. 28.
Randol, Glenn T., St. Louis, Mo. Change-speed transmission control means. 2,386,174; Oct. 2.
Randol, Glenn T., St. Louis, Mo. Transmission control mechanism. 2,388,763; Nov. 13.
Randolph Laboratories, Inc.: *See*—
Boal, Stewart, assignor.
Raney, Clemma R., Riverside, and R. R. Raney, La Grange, Ill., assignors to International Harvester Company. Conveyer. 2,369,754; Feb. 20.
Raney, Russell R.: *See*—
Messenger, R. P., Kaupke, and Raney.
Raney, C. R. and R. R., assignors.
Raney, Russell R., Auburn, N. Y., assignor to International Harvester Company. Pickup construction. 2,391,348; Dec. 18.
Range, Bailey E., Armathwaite, Tenn. Pliers. 2,391,796; Dec. 25.
Rankin, John A.: *See*—
Seeley, S. W., and Rankin.
Ranney, Leo, McConnelsville, Ohio. Surveying instrument. 2,373,976; Apr. 17.
Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Wrapping machine. 2,370,072; Feb. 20.
Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Package turnover apparatus. 2,370,325; Feb. 27.
Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Wrapping machine. 2,370,418; Feb. 27.
Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Gum package. 2,380,367; July 10.
Ranoe, Matthew O., Minneapolis, Minn. Nine position automatic phoriameter. 2,376,554; May 22.
Ransohoff, Nathan, Cincinnati, Ohio. Treating apparatus. 2,377,964; June 12.
Ransom, Albert C.: *See*—
Mitchell, Percival H., assignor.
Ransom, Richard B., Knoxville, Tenn., assignor to Universal Products Company Incorporated, Dearborn, Mich. Universal joint. 2,377,,451; June 5.
Ransome, Stafford M., assignor to Barber-Colman Company, Rockford, Ill. Machine for hobbing. 2,389,815; Nov. 27.
Rapaport, Meyer, Chicago, Ill. Toy. 2,377,104; May 29.
Raper, Doyle O., Arbuckle, Calif. Sprayer. 2,374,955; May 1.
"Rapid" Motormaker A. G.: *See*—
Rutishauser, Arnold, assignor.
Rapinwax Paper Company: *See*—
Rhodes, C. M., and Wendorf, assignors.
Rapkine, Louis, New York, N. Y. Preparation of cysteine and glutathione. 2,376,186; May 15.
Rapp, Howard B., et al.: *See*—
Heckathorn, Loyd, assignor.
Rapp, John L., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Attachment for screen leaf springs. 2,378,499; June 19.
Rapp, Robert L., Burbank, Calif. Fastening device. 2,390,325; Dec. 4.
Rapp, Sally, et al.: *See*—
Heckathorn, Loyd, assignor.
Rappaport, Max, New York, N. Y. Compact and the like. 2,373,852; Apr. 17.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Gauging apparatus. 2,367,797; Jan. 23.
Rappl, Anton, Eggertsville, assignor to Trico Products Corporation, Buffalo, N. Y. Window opener. 2,390,617; Dec. 11.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,369,797; Feb. 20.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,375,037; May 1.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,378,103; June 12.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Combined door and window lock. 2,378,500; June 19.
Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,391,073; Dec. 18.
Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,379,989; July 10.
Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,390,271; Dec. 4.
Rascov, Anthony J., Union Township, Clermont County, Ohio. Carburetor. 2,378,864; June 19.
Raskhodoff, Nicholas M., Hyattsville, Md. Shielded tube socket with built-in radio-frequency by-pass condensers. 2,369,177; Feb. 13.
Rasmussen, Clarence R., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Gauging and sorting apparatus. 2,375,385; May 8.
Rasmussen, Clarence T., Moline, and R. D. Griff, Rock Island, assignors to Deere & Company, Moline, Ill. Dusting machine. 2,370,914; Mar. 6.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,369,313; Feb. 13.
Rasmussen, Olaf, Sidney, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brake. 2,385,540; Sept. 25.
Rasmussen, Osvald E., Greenburg, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,391,036; Dec. 18.
Rasmussen, Robert, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Water gauge. 2,369,798; Feb. 20.
Rasmussen, Viggo, Minneapolis, Minn. Ironing board. 2,386,139; Oct. 2.
Rasor, Orval, Portland, Oreg. Tubular construction. 2,380,549; July 31.
Rasor, Orval, Portland, Oreg. Airplane towing mechanism. 2,388,013; Oct. 30.
Raspet, August, Locust Valley, assignor to Kenyon Instrument Co., Inc., Huntington Station, Long Island, N. Y. Barometer. 2,377,182; May 29.
Raspet, August, Locust Valley, N. Y., assignor to Aviation Research and Development Corporation, Fredericksburg, Va. Toy. 2,391,797; Dec. 25.
Rasso, Walter, Chicago, Ill. Fence post or the like. 2,384,338; Sept. 4.
Rast, Frederick Q., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Time recorder. 2,366,872; Jan. 9
Rast, William L., and D. M. Musser, Pittsburgh, Pa., assignors to The Glenn L. Martin Company, Baltimore, Md. Making plastic products. 2,371,313; Mar. 13.
Rataiczak, Francis I., assignor to General Motors Corporation, Dayton, Ohio. Positioning fixture. 2,377,965; June 12.
Ratay, John P., Washington, D. C. Tube machine. 2,390,171; Dec. 4.

Ratchford, Harry L., Williamsport, and H. Smithgall, Jr., Montoursville, assignors to Sylvania Electric Products Inc., Emporium, Pa. Electrode support and contracting means. 2,385,380; Sept. 25.

Ratchford, William P., Willow Grove, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America. Manufacturing acrylic esters and other unsaturated compounds by thermal decomposition. 2,378,501; June 19.

Ratermann, Alfred C.: *See*—
Ryan, W., Jr., and Ratermann.

Rath, Karl, New York, N. Y. Photoelectric exposure control. 2,379,102; June 26.

Rath, Karl, New York, N. Y. Visual photographic exposure meter. 2,379,103; June 26.

Rath, Karl, New York, N. Y. Photoelectric exposure control. 2,387,466; Oct. 23.

Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Variable frequency oscillator. 2,378,245; June 12.

Rathbun, John P., Prospect Park, and M. A. Nelson, Sharon Hill, Del., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat exchange apparatus. 2,376,505; May 22.

Rathbun, Merrill L., Salamanca, N. Y. Closed receptacle or case. 2,379,254; June 26.

Rathgen, Ewalt A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rotary shear. 2,370,993; Mar. 6.

Ratigan, James P., Los Angeles, Calif. Stuffing box. 2,380,189; July 10.

Ratio Structures, Inc.: *See*—
Wiener, Paul L., assignor.

Ratner, Essel, assignor of one-half to B. Pregel, New York, N. Y. Treating raw animal fats. 2,388,284; Nov. 6.

Ratterman, Henry, Jr.: *See*—
Kappes, John J., assignor.

Ratti, Roger, Neu-Allschwil, near Basel, and P. Brandt, assignors to Durand & Huguenin A. G., Basel, Switzerland. Textile printing with leuco ester salts of vat dyes. 2,388,285; Nov. 6.

Ratz, Elmer G., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Transformer differential relay. 2,376,808; May 22.

Ratzer, Arthur F.: *See*—
Tresise, D. J., and Ratzer.

Rau, David, Kirkwood, and C. E. Peters, Clayton, assignors to B. L. Electric Company, St. Louis, Mo. Rectifiers. 2,391,194; Dec. 18.

Rau, Eric J., Madeira, assignor to C. W. Zumbiel Company, Norwood, Ohio. Cellular paperboard container. 2,366,557; Jan. 2.

Rau, Harry A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for combining sheets. 2,384,768; Sept. 11.

Rau, Walter F., Hagerstown, Md. Figure toy. 2,379,376; June 26.

Rauch, John D., Fort Wayne, Ind. Crane turntable. 2,366,558; Jan. 2.

Rauch, John D., Fort Wayne, Ind. Driving axle unit. 2,377,574; June 5.

Rauch, Konrad: *See*—
Spurlino, P., and Rauch.

Rauen, John B., assignor to United States Spring & Bumper Co., Los Angeles, Calif. Conveyer furnace. 2,367,429; Jan. 16.

Rauh, Hermann, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Accounting machine. 2,371,914; Mar. 20.

Rauland Corporation, The: *See*—
Antalek, John J., assignor.

Rauner, Lawrence A.: *See*—
Bass, S. L., Rauner, and Lipke.

Raup, Clyde N., Catawissa, Pa. Self leveling caster. 2,386,005; Oct. 2.

Rausch, Joseph J., Berwyn, assignor to Litho Equipment & Supply Co., Chicago, Ill. Motion picture projector apparatus. 2,373,052; Apr. 3.

Rausch, Joseph J., Berwyn, assignor to Litho Equipment & Supply Co., Chicago, Ill. Multiple sound track film selector device. 2,373,260; Apr. 10.

Rauschenberger, George W., Ecorse, Mich., assignor to National Steel Corporation. Cooling bed. 2,370,915; Mar. 6.

Raven, Albert L., Mount Vernon, N. Y. Projection screen stand. 2,382,025; Aug. 14.

Ravén, Carl B., assignor to Ingeniörsfirma Viggo Aktiebolag, Halsingborg, Sweden. Sterilizing container. 2,384,398; Sept. 4.

Ravn, Thomas N.: *See*—
Hishon, P. D., Carter, Ravn, and Borchers.

Ravndal, Eric, and A. P. Fothergill, Orlando, Fla, assignors of three-fourths to said Ravndal and one-fourth to said Fothergill. Apparatus for extracting fruit juices. 2,374,456; Apr. 24.

Raw, Charles, assignor of one-half to J. Tappin, Toledo, Ohio. Truss. 2,372,010; Mar. 20.

Rawlings, Franklin N., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Regeneration of ionic exchangers. 2,366,651; Jan. 2.

Rawlings, Franklin N., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Purification of sugar solutions. 2,391,843; Dec. 25.

Rawlings, Franklin N., Westport, Conn., and L. De Geofroy, assignors to The Dorr Company, New York, N. Y. Ionic exchange operations. 2,366,650: Jan. 2.

Rawlings Manufacturing Company: *See*—
Sopp, Richard A., assignor.

Rawlins, Herbert L., Wilkinsburg, and J. M. Wallace, Braddock, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,376,809; May 22.

Ray, Arthur F.: *See*—
Auer, L., and Ray.

Ray, Carlo: *See*—
Ray, Don and C.

Ray, Don, Beverly Hills, Calif. Gasproof container. 2,370,419; Feb. 27.

Ray, Don, Beverly Hills, Calif. Machine for decorating bottles. 2,371,265; Mar. 13.

Ray, Don, Beverly Hills, Calif. Compacting material. 2,380,903; July 31.

Ray, Don and C., Beverly Hills, Calif., assignors to Kraft Cheese Company. Packaging machine. 2,378,324; June 12.

Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Automatic shoe machine. 2,368,878; Feb. 6.

Ray, Francis E.: *See*—
Rieveschl, G., Jr., and Ray.

Ray, Frederick E.: *See*—
Kalichevsky, V. A., Ray, and Payne.

Ray, George, McGraw, N. Y. Rear window dehydrator for automobile bodies. 2,384,769; Sept. 11.

Ray, James L., Elm Grove, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pipe joint. 2,375,494; May 8.

Ray, Philip A., Denver, Colo., assignor to Hercules Powder Company, Wilmington, Del. Flotation process for ores containing sodium chloride. 2,389,080; Nov. 13.

Ray, William A., Los Angeles, Calif. Fluid control valve. 2,367,524; Jan. 16.

Ray, William A., Los Angeles, Calif. Electromagnetically operated valve. 2,370,752; Mar. 6.

Ray, William A., Los Angeles, Calif. Control system. 2,372,393; Mar. 27.

Ray, William A., Los Angeles, Calif. Electromagnetically operated valve. 2,372,853; Apr. 3.

Ray, William A., Los Angeles, Calif. Fluid control valve. 2,374,895; May 1.

Ray, William A., Los Angeles, Calif. Control system. 2,375,870; May 15.

Ray, William A., Los Angeles, Calif. Electromagnetic operator. 2,377,515; June 5.

Ray, William A., Los Angeles, Calif. Thermoelectric generating system. 2,377,516; June 5.

Ray, William A., Los Angeles, Calif. Control system. 2,377,517; June 5.

Ray, William A., Los Angeles, Calif. Electromagnetic relay. 2,381,080; Aug. 7.

Ray, William A., Los Angeles, Calif. Thermostat. 2,381,557; Aug. 7.

Ray, William A., Los Angeles, Calif. Electromagnetic operator. 2,382,664; Aug. 14.

Ray, William A., Los Angeles, Calif. Control system. 2,384,696; Sept. 11.

Ray, William A., Los Angeles, Calif. Mounting means for electrical parts. 2,387,409; Oct. 23.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Fluid control valve. 2,388,868; Nov. 13.

Ray, William A., Los Angeles, Calif., assignor to General Controls Co. Burner control system. 2,390,172; Dec. 4.

Ray, William A., Glendale, Calif. Thermocouple. 2,370,326; Feb. 27.

Ray, William A., Glendale, Calif. Control apparatus. 2,381,926; Aug. 14.

Ray, William A., Glendale, Calif. Rectifier. 2,383,735; Aug. 28.

Ray, William R., Los Angeles, Calif. Thermoelectric device. 2,374,701; May 1.

Raybestos-Manhattan, Inc.: *See*—
Joyce, William J., Jr., assignor.
Kuzmick, Jerome, assignor.
Walker, Frederick S., assignor.
Weaver, Jesse M., assignor.

Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrolytic apparatus. 2,370,420; Feb. 27.

Rayhon, Sidney C., Dawson, Ga. Internal-combustion engine. 2,390,960; Dec. 11.

Raymond, Edward F., Los Angeles, Calif. Welding rod holder. 2,372,009; Mar. 20.

Raymond, Gwynne, Oklahoma City, Okla. Safety device for pressure vessels. 2,387,353; Oct. 23.

Raymond, Lambert L., Minneapolis, Minn. Candle ornament for Christmas trees. 2,367,611; Jan. 16.

Raymond, Leslie R., Santa Ana, assignor to A. S. Cowie & Co., Los Angeles, Calif. Cutting oil. 2,388.439; Nov. 6.

Raymond, Sydney A., assignor to Cleanite Chemical Co., Chicago, Ill. Dispenser for washing compounds. 2,387,944; Oct. 30.

Rayne, Norman, London, England. Dental handpiece. 2,368,324; Jan. 30.

Rayner, Thomas R., Wallasey, and G. A. Burns, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telemetering arrangement. 2,389,275; Nov. 20.
Raynolds, James W., Easton, Pa. Coating compositions. 2,384,132; Sept. 4.
Rayonier Incorporated: *See*—
Schlosser, P. H., and Gray, assignors.
Ray-O-Vac Company: *See*—
Briggs, Leland G., assignor.
Wengel, Arthur M., assignor.
Raytheon Manufacturing Company: *See*—
Dawson, John W., assignor.
Dawson, J. W., and Klemperer, assignors.
Klemperer, Hans, assignor.
Shere, Gerald D., assignor.
Smith, Charles G., assignor.
Spencer, John A., assignor.
Spencer, Percy L., assignor.
Stutsman, Paul W., assignor.
Rayton, Wilbur B., Rochester, and L. M. Hudson, Brighton, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Telephoto objective. 2,390,387; Dec. 4.
Rea, Philip M.: *See*—
Cailloux, J. F., and Rea.
Rea, Wilton T., Bayside, and J. R. Wilkerson, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical timing circuit. 2,370,685; Mar. 6.
Reach, Milton B., Springfield, Mass. Making inflatable athletic game balls. 2,367,374; Jan. 16.
Read, Chester L., Westfield, N. J., assignor to Standard Oil Development Company. Vapor phase extraction. 2,391,104; Dec. 18.
Read, Davis, Jr., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic cracking. 2,377,716; June 5.
Read, Davis, Jr., Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,384,339; Sept. 4.
Read, James G., New Smyrna Beach, Fla. Centrifugal pump. 2,385,730; Sept. 25.
Read, John N., Santa Monica, Calif. Airfoil. 2,366,751; Jan. 9.
Read, Lee S.: *See*—
Cohen, S. A., Thurmond, and Read.
Read Machinery Co. Inc.: *See*—
Brunner, Eugene E., assignor.
Read, Roland R., Kirkwood, Mo., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Alkyl phenol compositions. 2,391,798; Dec. 25.
Reader, Adolph: *See*—
Frank, Louis, assignor.
Reader, Albert E., et al.: *See*—
Clavering, Gunnar, assignor.
Reading, Walter J., Buffalo, N. Y. Washer for eggs or the like. 2,374,500; Apr. 24.
Reagan, Leon S., and J. C. Wallis, assignors to Webster Engineering Company, Tulsa, Okla. Combustion apparatus. 2,386,882; Oct. 16.
Realty and Industrial Corporation: *See*—
Bevan, James E., assignor.
Bolsterli, Arthur A., assignor.
Ileman, Emil A., assignor.
Pearson, Harold E., assignor.
Reamer, Thomas E., Albany, assignor to Shell Development Company, San Francisco, Calif. Stabilizing asphalt compositions. 2,370,994; Mar. 6.
Reardon, Joseph D., and N. Gottlieb, Buffalo, N. Y., assignor, by mesne assignments, to American Optical Company, Southbridge, Mass. Lens system. 2,388,077; Oct. 30.
Reaser, Wilbur W.: *See*—
Kleinhans, E. S., and Reaser.
Reason, Richard E., assignor to Kapella Limited, Leicester, England. Gauge head for electrical measuring apparatus. 2,370,073; Feb. 20.
Reason, Richard E., assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Apparatus for measuring or indicating the roughnesses or undulations of surfaces. 2,374,451; Mar. 27.
Reavill, Frederick, Beeston, England. Potato harvesting machine. 2,376,723; May 22.
Rebechini, Eugene J., assignor, by mesne assignments, to Schutter Candy Company. Chicago, Ill. Method and apparatus for packaging. 2,384,492; Sept. 11.
Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Cornice and bracket therefor. 2,375,247; May 8.
Rechtin, Clarence R., Bridgetown, and J. E. Trostle, assignors to The J. H. Day Company, Cincinnati, Ohio. Turbodissolver. 2,390,898; Dec. 11.
Rechton, George D., Los Angeles, D. J. Ward, Sherman Oaks, and J. H. Watson, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Machine for forming material. 2,372,516; Mar. 27.
Reciprocating Razors Corporation: *See*—
Van Slyke, Victor T., assignor.
Reck, Hilbert W., Elgin, Ill. Spring suspension system for railway car trucks. 2,377,809; June 5.
Reckmeyer, Verne H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic developers. 2,385.763; Sept. 25.
Reckmeyer, Verne H., and A. H. Brunner, Jr., Binghamton, assignors to General Aniline & Film Corporation, New York, N. Y. Aminophenol derivatives and photographic developers containing them. 2,374,501; Apr. 24.
Reconstruction Finance Corporation: *See*—
Grotke, Charles, assignor.
Lemonier, Camille R., assignor.
Myers, Leonard D., assignors.
Purdy, E. M., and Tabb, assignors.
Quarfoot, Harry B., assignor.
Schur, Milton O., assignor.
Tabb, Warner T., assignor.
Tabb, W. T., and Purdy, assignors.
Williamson, Hilding V., assignor.
Records, Elmer H., Tacoma, Wash. Retort. 2,385,731; Sept. 25.
Records, Elmer H., and J. E. Louttit, Tacoma, Wash. Apparatus for distilling oil shale and the like. 2,377,518; June 5.
Rector, Clinton, Brooklyn, N. Y., and C. F. Schrimpe, Woodbridge, N. J., assignors to Bakelite Corporation. Phenol-aldehyde resins. 2,371,915; Mar. 20.
Rector, Laurence L., Fort Worth, and C. L. Cron, Houston, Tex. Sealing composition. 2,367,375; Jan. 16.
Rector, Laurence L., Fort Worth, and C. L. Cron, Houston, Tex. Coating composition. 2,367,376; Jan. 16.
Rector, Thomas M., Morristown, N. J., assignor to General Foods Corporation, New York, N. Y. Method and apparatus for solvent extraction. 2,390,388; Dec. 4.
Red Jacket Manufacturing Co.: *See*—
Patterson, Glenn A., assignor.
Reda Pump Company: *See*—
Arutunoff, Armais, assignor.
Redding, Victor E., and W. C. Michaelis, Minneapolis Minn. Garage door. 2,388,182; Oct. 30.
Redding, William H., Philadelphia, Pa. Barometer interpreter. 2,385,732; Sept. 25.
Reddir, Inc.: *See*—
Johnson, Cecil E., assignor.
Redfern, Sutton, Bronx, assignor to Standard Brands Incorporated, New York, N. Y. Preparation of nucleic acid. 2,387,040; Oct. 16.
Redington, F. B., Co.: *See*—
Malhiot, Clarence J., assignor.
Redler, Arnold, Stroud, England. Cinematograph apparatus. 2,390.389; Dec. 4.
Redler Conveyor Company: *See*—
Sinden, Alfred De Los, assignor.
Redlund, Charles W., West Hartford, Conn. Amusement attachment for bicycles. 2,367,430; Jan. 16.
Redman, Horace E., Wenonah, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,383,510; Aug. 28.
Redman, Milton N., Tompkins Corners, N. Y. Baby's bed guard. 2,371,844; Mar. 20.
Redmer, Norman W., Chicago, Ill. Plug gauge. 2,375,945; May 15.
Redmon, Bryan C.: *See*—
Davis, H. S., and Redmon.
Redmon, Bryan C., and G. R. Griffin, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of alkali metal hydracrylates. 2,369,491; Feb. 13.
Redmond, A. G., Co.: *See*—
Pancher, Harry E., assignor.
Redmond, James H., Schenectady, N. Y., assignor to General Electric Company. Resistance welding apparatus. 2,386,261; Oct. 9.
Redmond, Lury B., Fort Leavenworth, Kans., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Galvanometer. 2,389,081; Nov. 13.
Redson-Rice: *See*—
Rice, Ernest G., assignor.
Reeb, Alfred, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Arc welding apparatus. 2,373,598; Apr. 10.
Reece Button Hole Machine Company, The: *See*—
Althens, Herbert E., assignor.
Avis, Samuel W., assignor.
Putnam, John P., assignor.
Reece, Franklin A., Brookline, Mass. Navigation instrument. 2,367,431; Jan. 16.
Reece, Franklin A., Brookline, Mass. Course intersection finder. 2,370,753; Mar. 6.
Reece, Franklin A., Brookline, Mass. Sewing machine. 2,377,037; May 29.
Reece, Franklin A., Brookline, Mass. Article attaching machine. 2,377,293; May 29.
Reece, Franklin A., Brookline, Mass. Button sewing machine. 2,378,656; June 19.
Reece, Herbert A.: *See*—
Smalley, O., and Reece.
Reece, James S., Birmingham, Ala., assignor to Continental Gin Company. Vacuum feeder. 2,367,311; Jan. 16.
Reed, Albert V., Inglewood, Calif. Fastener. 2,383,079; Aug. 21.
Reed, Alfred H., and F. N., Schenectady, N. Y. Dispenser. 2,370,995; Mar. 6.
Reed, Arthur B., Worcester, Mass. Thread rolling machine. 2,367,612; Jan. 16.

Reed, Arthur D., and A. W. Nonn, Jackson, Mich. All purpose garment hanger. 2,387,681; Oct. 23.
Reed, Carl S., assignor to The Lummus Company, New York, N. Y. Oil heater. 2,370,996; Mar. 6.
Reed, Charles E.: *See*—
Sauer, R. O., and Reed.
Reed, Charles E., Schenectady, and J. T. Coe, Fort Schuyler, N. Y., assignors to General Electric Company. Producing organo-siliconhalides. 2,389,931; Nov. 27.
Reed, Charles W., Los Angeles, Calif. Dump truck. 2,370,489; Feb. 27.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Earth boring tool. 2,369,979; Feb. 20.
Reed, Cortes F., Anoka, assignor to C. L. Horn, Minneapolis, Minn. Treatment of oil wells. 2,370,421; Feb. 27.
Reed, Cortes F., Anoka, assignor to C. L. Horn, Minneapolis, Minn. Preparation of chlorhydrins and polyhydric alcohols from olefins. 2,378,104; June 12.
Reed, Eo, Zanesville, assignor to The American Rolling Mill Company, Middletown, Ohio. Cleaning metal sheets. 2,380,550; July 31.
Reed, Frank M.: *See*—
Wilkes, G., and Reed.
Reed, Frederick N.: *See*—
Reed, Alfred H. and F. N.
Reed, George M., et al.: *See*—
Strang, H. E., Reed, and Linde.
Reed, Jesse C., Dayton, Ohio. Liquid-elevating apparatus. 2,391,105; Dec. 18.
Reed, Jesse C., Dayton, Ohio. Pulley structure for belt-type liquid elevators. 2,391,642; Dec. 25.
Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Dehydrator. 2,370,422; Feb. 27.
Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Refining and distilling oleoresin. 2,377,183; May 29.
Reed, John K., Charlevoix, Mich. Paddle. 2,380,870; July 31.
Reed Manufacturing Company: *See*—
Petersen, Thorvald, assignor.
Reed, Martha C., et al.: *See*—
Westlake, Albert, assignor.
Reed, Milton L., Avon, N. J. Safety landing gear and wheel for airplanes. 2,376,621. May 22.
Reed-Prentice Corporation: *See*—
McIntyre, Frederick W., assignor.
Melvin, W. T., and Rougemont, assignors.
Rosenlund, V. E., and Fuzak, assignors.
Rougemont, R. L., and Wilson, assignors.
Smith, Graydon, assignor.
Reed, Raymond E., St. Paul, Minn., assignor to The Kendall Company, Walpole, Mass. Textile fabric. 2,387,354; Oct. 23.
Reed, Robert M., assignor to The Girdler Corporation, Louisville, Ky. Stabilization of monoethanolamine solutions. 2,377,966; June 12.
Reed, Robert M., assignor to The Girdler Corporation, Louisville, Ky. Removing hydrogen sulphide from hydrocarbon liquids. 2,383,416; Aug. 21.
Reed, Robert M., assignor to The Girdler Corporation, Louisville, Ky. Gas processing. 2,390,899; Dec. 11.
Reed Roller Bit Company: *See*—
Fermier, George F., assignor.
Harrington, George G., assignor.
Johnson, Charles F., assignor.
Stokes, John C., assignor.
Reed, William L., Lynn, Mass., assignor to General Electric Company. Lubricating system for aircraft superchargers. 2,370,581; Feb. 27.
Reeder, David H., Kansas City, Mo. Apparatus for mining coal. 2,375,689; May 8.
Reeder, William H., III, Olean, N. Y., and G. A. Lescisin, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of β-diketones. 2,369,250; Feb. 13.
Reedy, Walter W., Sr., Lebanon, Pa. Mother ship for watercrafts. 2,370,916; Mar. 6.
Reek, Ashley J.: *See*—
Miller, W. J., and Reek.
Reek, Royal J.: *See*—
Pontius, G. W., III, and Reek.
Reek, Royal J., assignor to Bendix Aviation Corporation, South Bend, Ind. Gun feed mechanism. 2,379,185; June 26.
Rees, Frank X., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit for railroads. 2,366,988; Jan. 9.
Rees, Frank X., assignor to General Railway Signal Company, Rochester, N. Y. Decoding relay system. 2,390,666; Dec. 11.
Rees, Frank X., Chili, assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,378,325; June 12.
Rees, Frank X., Chili, and J. Y. Howard, Greece, assignors to General Railway Signal Company, Rochester, N. Y. Carrier frequency communication system. 2,378,326; June 12.
Rees, Herbert C., San Antonio, Tex. Apparatus for measuring the distance between visual axes of the eyes and for determining vertical inbalance of the eyes or eyeglass lenses. 2,380,263; July 10.
Reese Button Hole Machine Company, The: *See*—
Collins, Ralph A., assignor.
Reese, Carl N., Alliance, assignor to The Timken Roller Bearing Company, Canton, Ohio. Tongs mechanism. 2,368,615; Feb. 6.
Reese, Garland W., Chappaqua, assignor to American Can Company, New York, N. Y. Container spout. 2,375,248; May 8.
Reese, John S., IV: *See*—
Coolidge, C., and Reese.
Reese, Samuel, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door header. 2,372,394; Mar. 27.
Reese, Thomas S., University Heights, assignor to The Di-Noc Manufacturing Company, Cleveland, Ohio. Decoration of surfaces with luminescent materials. 2,375,177; May 1.
Reevely, Frederick R., St. Lambert, Quebec, Canada. Carrier and applicator for the treatment of trees. 2,389,870; Nov. 27.
Reeves, Arthur E., Los Angeles, Calif. Sound recording apparatus. 2,369,916; Feb. 20.
Reeves, Arthur E., Los Angeles, Calif. Tripod head. 2,375,690; May 8.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,374,457; Apr. 24.
Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Conversion of normal butane to butadiene. 2,388,078; Oct. 30.
Reeves, Frederick H., assignor to Revo Electric Co. Limited, Tividale, Tipton, England. Fluorescent tubular discharge lamp fitting. 2,368,879; Feb. 6.
Reeves, Hazard E.: *See*—
Franck, E. W., and Reeves.
Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil heater. 2,377,901; June 12.
Reeves, Howard F., Jr.: *See*—
Comstock, R. L., and Reeves, Jr.
Reeves, John S., Baltimore, Md. Lifesaving device, swimming machine, and the like. 2,368,569; Jan. 30.
Reeves, Paul B.: *See*—
Perry, W. R., and Reeves.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Belt block. 2,387,183; Oct. 16.
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ohio. Variable-speed unit. 2,387,609; Oct. 23.
Reeves Pulley Company: *See*—
Perry, W. R., and Reeves, assignors.
Reeves, Paul B., assignor.
Reeves, Waverly A., Lynn, Mass., assignor to General Electric Company. Gas turbine cooling arrangement. 2,370,192; Feb. 27.
Refining, Unincorporated: *See*—
Clayton, Benjamin, assignor.
Regan, Edmund J., Bloomfield, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Rotary drive device. 2,375,038; May 1.
Regan, John J.: *See*—
Larkin, L. J. and G. A., and Regan.
Regenhardt, Walter F., Wooster, Ohio. Filing cabinet. 2,372,292; Mar. 27.
Regenhardt, Walter F., Wooster, Ohio. Interlock. 2,386,343; Oct. 9.
Regenhardt, Walter F., Wooster, Ohio. Interlocking clip. 2,388,572; Nov. 6.
Regenhardt, Walter F., Cleveland, Ohio. Interlock. 2,375,438; May 8.
Regents of the University of California, The: *See*—
Babcock, Sidney H., Jr., assignor.
Blicke, Frederick F., assignor.
Regents of the University of Minnesota: *See*—
Smith, E. I., and Miller, assignors.
Reggio, Ferdinando C., Buffalo, N. Y. Fuel metering device. 2,378,036; June 12.
Reggio, Ferdinando C., Buffalo, N. Y. Engine regulating means. 2,378,037; June 12.
Reggio, Ferdinando C., Harwick Port, Mass. Governing means. 2,384,340; Sept. 4.
Rehberg, Chessie E., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Allyl and methallyl esters of lactic and alpha-acetoxypropionic acids. 2,367,798; Jan. 23.
Rehberg, Chessie E., Wyndmoor, and C. H. Fisher, Abington, Pa., assignors to United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Beta-chloroallyl acrylates. 2,388,440; Nov. 6.
Rehberg, Chessie E., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Allyl and substituted allyl methacrylates. 2,390,326; Dec. 4.

Rehberg, Chessie E., Philadelphia, and C. H. Fisher, Abington, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Allyl and substituted allyl acrylates. 2,390,327; Dec. 4.
Rehfeld, George W., Manhattan, Kans. Jetty. 2,378,865; June 19.
Rehfeld, George W., Manhattan, Kans. Jetty structure. 2,387,355; Oct. 23.
Rehner, John, Jr., Wadsworth, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire tread. 2,373,599; Apr. 10.
Reiber, Harry P., Toledo, Ohio, assignor to The Aviation Corporation, New York, N. Y. Apparatus for balancing propeller blades. 2,388,705; Nov. 13.
Reibig, Eric A.: *See*—
Wiken, C. A., and Reibig.
Reibling, August G.: *See*—
Armbrust, F., and Reibling.
Reibold, John L.: *See*—
Brede, W. S., Curtis, and Reibold.
Reibold, Walter F., and R. P. Magnenat, assignors, by mesne assignments, to Waterbury Companies, Incorporated, Waterbury, Conn. Apparatus for making all-plastic molded buttons. 2,367,962; Jan. 23.
Reich, Ernest, Quakertown, Pa. Preparing food. 2,378,950; June 26.
Reich, Gustave T., Philadelphia, Pa. Yeast. 2,372,854; Apr. 3.
Reichart, James H., Muncie, Ind. Endless self-clamping band structure. 2,378,866; June 19.
Reichart, James H., Muncie, Ind. Separable handle and band clamp. 2,378,867; June 19.
Reichart, James H., Muncie, Ind. Glass coffee maker adjustable handle. 2,389,740; Nov. 27.
Reichart, James H., Muncie, Ind. Glass vessel band and handle structure. 2,389,741; Nov. 27.
Reichel, Carl H.: *See*—
Fourness, C. A., and Reichel.
Reichel, Frank H., and R. T. K. Cornwell, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Cellulose ethers and producing the same. 2,388,764; Nov. 13.
Reichel, Howard G., assignor to Industrial Patents Corporation, Chicago, Ill. Scale mechanism. 2,389,113; Nov. 13.
Reichel-Korfmann Co.: *See*—
Fry, William L., assignor.
Reichel, Maximilian K., Albany, assignor to General Aniline & Film Corporation, New York, N. Y. Stabilized diazo-type sensitive material. 2,374,563; Apr. 24.
Reichel, Maximilian K., Easton, Pa., assignor to General Aniline & Film Corporation, New York, N. Y. Intensification of the image of diazotype light sensitive layers on a transparent base. 2,381,984; Aug. 14.
Reichelt, Lester O., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control system. 2,375,946; May 15.
Reichert, Conrad, assignor to O. S. Petty, San Antonio, Tex. Seismic surveying. 2,384,851; Sept. 18.
Reichert, Harold E., Terminal Island, Calif., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,375,039; May 1.
Reichert, Joseph S., S. A. McNeight, and A. A. Elston, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of peracids. 2,377,038; May 29.
Reichert, William, P. S. Pedersen, and P. E. Price, Chicago, Ill. Hollow building wall. 2,366,752; Jan. 9.
Reichhold Chemicals, Inc.: *See*—
Hodgins, T. S., and Hewett, assignors.
Reichstein, Tadeus, Basel, Switzerland. Compounds of the cyclopentanopolyhydrophenanthrene series and maksame. 2,387,706; Oct. 23.
Reichstein, Tadeus, Basel, Switzerland. Manufacture of α-hydroxycarbonyl compounds. 2,389,325; Nov. 20.
Reichstein, Tadeus, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivative of α,γ-dihydroxy-β,β-dimethyl-butyric acid and the manufacture of same. 2,377,105; May 29.
Reid Brothers Company, Inc.: *See*—
Perkins, W. W., and Annis, assignors.
Woodbury, Stephen E., assignor.
Reid, Ebenezer E.: *See*—
Francis, A. W., and Reid.
Reid, Ebenezer E., Baltimore, Md., assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Monoalkyl ethers of diethylstilboestrol. 2,385,468; Sept. 25.
Reid, Edward S., Charlotte, N. C., assignor to Sonoco Products Company. Fibrous conduit and manufacture. 2,370,193; Feb. 27.
Reid, Edward S., Charlotte, N. C. Combination stool. 2,375,819; May 15.
Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Vehicle body construction. 2,384,965; Sept. 18.
Reid, James A: *See*—
Bailey, G. C., and Reid.
Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogenation of olefins. 2,376,086; May 15.
Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of synthetic lubricating oil. 2,377,266; May 29.
Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sulphurized hydrocarbon and preparation. 2,380,072; July 10.
Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Conversion of hydrocarbons. 2,389,240; Nov. 20.
Reid, James B., New York, N. Y., assignor to The Dow Chemical Company, Midland, Mich. Protecting magnesium and its alloys from fire. 2,391,844; Dec. 25.
Reid, Janis R: *See*—
Rakowsky, V., and Reid.
Reid, John G., Jr., and L. McNeely, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Safety device for valves. 2,374,564; Apr. 24.
Reid, Leland E., South Pasadena, Calif. Propeller. 2,385,028; Sept. 18.
Reid, Rose M., Boise, Idaho. Brassière. 2,372,855; Apr. 3.
Reid & Sigrist Limited: *See*—
Crew, David, assignor.
Reid, Wilfred T., Mount Royal, Quebec, assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Wing structure for airplanes. 2,391,514; Dec. 25.
Reidenbach, Ledger L., Houston, assignor to Rosa Suhm, Harris County, Tex. Clamping device. 2,383,683; Aug. 28.
Reierson, John E., U. S. Army. Lead compensated sight. 2,386,262; Oct. 9.
Reifenberg, Joseph H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid heating apparatus. 2,375,871; May 15.
Reiff, Orland M.: *See*—
Otto, F. P., and Reiff.
Giammaria, J. J., and Reiff, assignors.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,366,873; Jan. 9.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Composition of matter. 2,366,874; Jan. 9.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Condensation product of nuclear alkyl-substituted hydroxyaromatic compound. 2,368,598; Jan. 30.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Condensation product of acylated hydroxyaromatic acid. 2,368,599; Jan. 30.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Composition of matter. 2,376,313; May 15.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Metal salts of acylated hydroxyaromatic carboxylic acid condensation products. 2,377,267; May 29.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Sulphides of alkylated aryl, oxy-organic carboxylic acids. 2,381,854; Aug. 7.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Composition of matter. 2,385,301; Sept. 18.
Reiff, Orland M., and H. D. Hartough, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agents therefor. 2,367,377; Jan. 16.
Reiff, Orland M., and H. D. Hartough, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkyl-substituted amino-aryl metal oxides. 2,368,880; Feb. 6.
Reiff, Orland M., and J. D. Zech, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Plastic compositions and making the same. 2,380,466; July 31.
Reiff, Orland M., and H. J. Andress, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Making a dithiophosphoric acid of an alkyl-substituted phenol and a mineral oil containing this compound. 2,386,207; Oct. 9.
Reiff, Vincent N., assignor to Stackpole Carbon Company, St. Marys, Pa. Circuit controlling device. 2,381,688; Aug. 7.
Reil, Walther: *See*—
Carman, E. F., and Reil.
Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Compact. 2,377,717; June 5.
Reilly, Frank E., Chicago, and C. Holsinger, River Forest, Ill., assignors to Electrographic Corporation, New York, N. Y. Making curved printing members. 2,383,080; Aug. 21.
Reilly, Frank W., Auburndale, Mass. Electric switchgear. 2,374,702; May 1.
Reilly, Frank W., Auburndale, Mass. Electric switchgear. 2,374,703; May 1.
Reilly, John B., Los Nietos, Calif. Piston construction. 2,377,039; May 29.
Reilly, Michael P., Shorewood, Wis. Method and apparatus for cleaning the mouth contact area of drinking glasses. 2,368,041; Jan. 23.
Reilly Tar & Chemical Corporation: *See*—
Cislak, Francis E., assignor.
Cislak, F. E., and Cunningham, assignors.

Reilly, William P., Menomonie Falls, and C. W. Tingley, Milwaukee, Wis. Fastener for belts. 2,386,977; Oct. 16.

Reimel, Samuel R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt. 2,377,650; June 5.

Reimers, Frederick E., Rahway, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Separation of isoquinoline. 2,391,270; Dec. 18.

Reimschissel, Charles A., assignor to Landis Machine Company, Waynesboro, Pa. Apparatus for forming screw threads. 2,378,951; June 26.

Reimschissel, Charles A., and H. Davies, assignors to Landis Machine Company, Waynesboro, Pa. Thread-cutting mechanism. 2,387,294; Oct. 23.

Reineck, Edward A., Appleton, Wis., assignor, by mesne assignments, to Kewaunee Manufacturing Company, Adrain, Mich., Stable furfuraldehyde-furfuralcohol compositions. 2,367,312; Jan. 16.

Reinecker, Walter: *See*—
Rembert, E. W., Winter, and Reinecker.

Reineke, Ezra P.: *See*—
Turner, C. W., and Reineke.

Reiner, John, & Company: *See*—
Nicholas, John, assignor.

Reiner, Robert, Incorporated: *See*—
Hartung, Hans, assignor.
Lambach, F., and Siegel, assignors.

Reiners, Walter: *See*—
Reiners, Wilhelm and W., Kahlisch, and Fürst.

Reiners, Wilhelm and W., Gladbach-Rheydt, G. Kahlisch, Rheydt, and S. Fürst, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Winding frame. 2,369,606; Feb. 13.

Reingruber, Frank and J., New York, N. Y. Thermostat. 2,389,686; Nov. 27.

Reingruber, Joseph: *See*—
Reingruber, Frank and J.

Reinhard, Gustav A., Shaker Heights, assignor to Kohl-Stilwell Engineers, Cleveland, Ohio. Direct-current motor. 2,388,498; Nov. 6.

Reinhold, Herman M.: *See*—
Sorensen, C. E., and Reinhold.

Reinhold, Leonhard F.: *See*—
Spencer, J. A., and Reinhold.

Reinhold, Leonhard F., Great Kills, Staten Island, N. Y., assignor to Radio Corporation of America. Mounting for swiveled rings. 2,375,829; May 15.

Reinke, Bernard G., Flint, Mich. Sweep sickle. 2,378,657; June 19.

Reiser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Electrolyte control device with captive valve. 2,385,029; Sept. 18.

Reisert, August D.: *See*—
Rotter, L. C., Klein, Reisert, and Schneller.

Reising, Eugene G., Hartford, Conn. Firearm. 2,374,621; Apr. 24.

Reising, Eugene G., Hartford, Conn. Gun sight. 2,389,326; Nov. 20.

Reisinger, Alouis J.: *See*—
Murphy, J. J., and Reisinger.

Reisinger, Frederick F.: *See*—
Chester, A. E., and Reisinger.

Reiss, Ernest H., Floral Park, N. Y. Protective means for aircraft. 2,382,817; Aug. 14.

Reiss Manufacturing Corp.: *See*—
Randall, Robert J., assignor.

Reiss, Max: *See*—
Kingslake, R., and Reiss.

Reiss, Max, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic objective. 2,388,869; Nov. 13.

Reistad, Bengt, Stockholm, Sweden. Refrigeration. 2,368,493; Jan. 30.

Reistle, Carl E., Jr., Houston, Tex., assignor to Standard Oil Development Company. Producing oil. 2,368,424; Jan. 30.

Reiter, Adolph, New York, N. Y. Hair curler. 2,380,674; July 31.

Reiter, David, Woodside, N. Y. Dental mallet. 2,376,187; May 15.

Reiter, Harry E., Sandusky, Ohio. Internal-combustion engine. 2,387,467; Oct. 23.

Reitz, Otto: *See*—
Polasik, Floyd J., assignor.

Rejafix Limited: *See*—
Edels, Siegfried, assignor.

Rekosh, Nate, Miami Springs, Fla., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Electric welding machine. 2,375,439; May 8.

Reliance Electric & Engineering Company, The: *See*—
Fuller, John L., assignor.
Smith, R. H., Miller, and Dunning.

Reliance Steel Products Company: *See*—
Guthrie, James M., assignor.
Nagin, Harry S., assignor.

Relson, Morris, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Direction finder. 2,377,902; June 12.

Remark, Isidore J., and V. V. Wheeler, assignors to The General Tire & Rubber Company, Akron, Ohio. Method and apparatus for applying an adhesive coating to cord fabric. 2,389,459; Nov. 20.

Rembert, Ernest W., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Pipe coupling. 2,379,990; July 10.

Rembert, Ernest W., Hinsdale, Ill., E. A. Winter, Copperhill, Tenn., and W. Reinecker, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Apparatus and method for molding fibrocement sheets. 2,383,736; Aug. 28.

Remensnyder, John P., Metuchen, N. J., assignor, by mesne assignments, to Heyden Chemical Corporation. Protecting seeds and plants from pests. 2,381,411; Aug. 7.

Remington Arms Company, Inc.: *See*—
Baker, B., and Barnes, assignors.
Birdsall, Edwin H., assignor.
Burdett, P. H., and Maughan, assignors.
Christie, Lewis D., assignor.
Cook, Judson A., assignor.
Coxe, Charles D., assignor.
Darby, Paul F., assignor.
Dorothea, Gale, assignor.
Eckstein, George R., assignor.
Feinauer, L. R., and Payne, assignors.
Finlay, Walter L., assignor.
Gardner, E. W., and Nickum, assignors.
Holcomb, C. S., and Overson, assignors.
Hubbard, Howard W., assignor.
Hyde, George E., Jr., assignor.
Jennings, Paul G., assignor.
Kuehl, Douglas S., assignor.
Langkammerer, Carl M., assignor.
Loomis, Crawford C., assignor.
Lowe, Kenneth J., assignor.
Mayberry, Murl D., assignor.
Moffitt, Edward J., assignor.
Mos, Carl J. L., assignor.
Niemack, Paul J., assignor.
Petersen, Leland B., assignor.
Reynolds, Warren S., assignor.
Richey, Earl E., assignor.
Rutherford, P. B., and Luster, assignors.
Sappenfield, Marion L., assignor.
Scott, W. W., and Lewis, assignors.
Sink, Russell S., assignor.
Slater, Raymond E., assignor.
Speed, Fletcher C., assignor.
Turner, John R., assignor.
Walker, Merle H., assignor.
Wineland, Harry W., assignor.
Yost, Kenneth J., assignor.

Remington, Frederic, Elizabeth, and R. A. Tartaglia, East Orange, assignors to Peerless Tube Company, Bloomfield, N. J. Making lead articles. 2,372,011; Mar. 20.

Remington Rand Inc.: *See*—
Berglund, Gustav A., assignor.
Braun, K. J., and Kase, assignors.
Ferry, John T., assignor.
Mannino, Philip, assignor.
Mueller, John, assignor.
Pickett, Frank M., assignor.
Smith, G. P., and Gressel, assignors.
Schutt, Friedrich J., assignor.
Teichner, Robert W., assignor.
Tolmie, Edgar S., assignor.
Turner, Albert F., assignor.
Vickery, Alfred E., assignor.
Wolters, C. F., and Andersen, assignors.

Remis Bro. Bag Company: *See*—
Pinckert, Carl W., assignor.

Rempel, Dietrich G., Akron, assignor to Sun Rubber Company, Barberton, Ohio. Mold construction for platen presses. 2,367,525; Jan. 16.

Rempt, Henry F., Van Nuys, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Indicating signal. 2,379,542; July 3.

Renard, Roland E., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Can closing machine. 2,371,186; Mar. 13.

Renault, Jean C., assignor to Farmers Mercantile Company, Salinas, Calif. Planting machine. 2,372,739; Apr. 3.

Rendle, Theodore, assignor to Chivers & Sons Limited, Histon, England. Preparation of cooked starchy vegetables in powder form. 2,381,838; Aug. 7.

Renick, Frank E.: *See*—
Bigarani, E. A., and Renick.

Renfrew, Malcolm M.: *See*—
Macht, M. L., and Renfrew.

Renfroe, Joseph C., Jacksonville, Fla. Eccentric type steel plate lifting clamp. 2,379,652; July 3.

Renim, Inc.: *See*—
Miner, Frederick M., Jr., assignor.

Renkin, Robert F., Sharon, assignor of one-half to H. A. Roemer, Pittsburgh, Pa. Seal for gas pickling furnace muffles. 2,367,174; Jan. 9.

Renner, Henry M., Fort Benning, Ga. Tire construction. 2,368,325; Jan. 30.

Rennie, Robert F., Little Falls, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Reduction of ammonium molybdate. 2,385,843; Oct. 2.

Renno, Donald G., New Haven, Ind., assignor to International Harvester Company. Vehicle body construction. 2,383,417; Aug. 21.

Renouf, Ralph R., South Gate, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Standing valve puller. 2,382,173; Aug. 14.
Rensch, Emmanuel S., Ramona, S. Dak. Grain loader. 2,378,658; June 19.
Rentie, Bob C., Alamosa, Colo. Drummer's stool. 2,367,052; Jan. 9.
Renton, Henry N., Wyncote, assignor to The American Pulley Company, Philadelphia, Pa. Black-out screening. 2,373,416; Apr. 10.
Renz, Emil C., Dedham, assignor to Knight Leather Products Co., Inc., Boston, Mass. Wallet. 2,366,875; Jan. 9.
Renzoni, Louis S., Port Colborne, Canada, assignor to The International Nickel Company, Inc., New York, N. Y. Purification of cobalt precipitates containing iron and other impurities. 2,367,239; Jan. 16.
Reo Motors, Inc: *See*—
Bevan, Glen P., assignor.
Repass, George E.: *See*—
Walsh, S. R., and Repass.
Repass, George E., Pawtucket, R. I., assignor to H & B American Machine Company. Roving frame. 2,374,832; May 1.
Replogle, Carl S., et al., executors: *See*—
Replogle, Daniel B.
Replogle, Daniel B., deceased, Berkeley, Calif.; Bank of America National Trust and Savings Association, C. S. Replogle, H. E. Queen, and L. H. Bullock, executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, as trustee. Sweeping indicator for dust suction pipes. 2,373,915; Apr. 17.
Replogle, Daniel B., deceased, Berkeley, by Bank of America National Trust & Savings Association, San Francisco, C. S. Replogle, Piedmont, H. E. Queen, and L. H. Bullock, Berkeley, Calif., executors, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, as trustee. Dust flow indicator for suction cleaning devices. 2,373,916; Apr. 17.
Replogle Globes, Inc.: *See*—
Colberg, Olaf A., assignor.
Repper, Theodore A., Middletown, Ohio. Apparatus for setting hollow rivets. 2,369,492; Feb. 13.
Reprogle, Frank, St. Louis, Mo. Surgical saw. 2,367,432; Jan. 16.
Republic Aviation Corporation: *See*—
Burrell, George, assignor.
Franklin, Hubert F., assignor.
Harris, Lewis B., assignor.
Hartley, Croydon H. A., assignor.
Jager, Howard M., assignor.
Johnson, Seth, assignor.
Johnson, S., and Schenk, assignors.
Kreuter, B., and Duryea, assignors.
Miller, Charles H., assignor.
Miller, C. H., and Hartley, assignors.
Parilla, Arthur R., assignor.
Rudnick, Benjamin, assignor.
Shaw, Edward W., assignor.
Unterman, Manuel S., assignor.
Westberg, Arthur H., assignor.
Republic Flow Meters Company: *See*—
McMahon, Jerome B., assignor.
Rosenberger, Albert J., assignor.
Republic Steel Corporation: *See*—
Neale, Frank T., assignor.
Thomas, Parke E., assignor.
Resch, William J.: *See*—
Horwedel, C. R., and Resch.
Research Corporation: *See*—
Bush, Vannevar, assignor.
Carson, Howard, assignor.
Cohn, Edwin J., assignor.
Cohn, E. J., and Ferry, assignors.
Daskais, Morris H., assignor.
Daskais, M. H., and Fields, assignors.
Ferry, John D., assignor.
Hauser, Ernst A., assignor.
Hedberg, C. W. J., and Hesson, assignors.
Kharasch, M. A., and Reynolds, assignors.
Milas, Nicholas A., assignor.
Miles, Walter R., assignor.
Pacsu, E., and Mullen, assignors.
Shoemaker, Milton J., assignor.
Spiselman, Joseph W., assignor.
Stowell, Harold T., assignor.
Telkes, Maria, assignor.
Vonnegut, Bernard, assignor.
White, Harry J., assignor.
Research Corporation, et al.: *See*—
Hedberg, C. W. J., and Richardson, assignors.
Milas, Nicholas A., assignor.
White, Harry J., assignor.
Research and Development Corporation: *See*—
Luáces, Emique L., assignor.
Resek, Jules V.: *See*—
Cleaver, J. C., and Resek.
Resina, Manuel S., Brooklyn, N. Y. Feeder to container capping machines or the like. 2,371,650; Mar. 20.
Resinous Products & Chemical Company, The: *See*—
Bruson, Herman A., assignor.
Bruson, H. A., and Riener, assignors.
Myers, Frederick J., assignor.
Myers, R. J., and Herr, assignors.
Niederhauser, W., and Bruson, assignors.
Spence, Le R. U., and McKeever, assignors.
Resistoflex Corporation: *See*—
MacWilliam, W., and Pape, assignors.
Pape, K., and Troshkin, assignors.
Respro Inc., et al.: *See*—
Hanley, Albert J., assignor.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill., Sound lens adjuster. 2,367,139; Jan. 9.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill., Film drive mechanism. 2,367,140; Jan. 9.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Motion picture film drive mechanism. 2,374,038; Apr. 17.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Foot adjustment for cabinets. 2,375,872; May 15.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Lens holder. 2,377,718; June 5.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Lens assembly. 2,380,613; July 31.
Ress, Thomas I., assignor to De Vry Corporation, Chicago, Ill. Variable-speed governor for motion-picture cameras. 2,389,932; Nov. 27.
Ressinger, Paul M., Chicago, Ill. Vehicle for children. 2,388,441; Nov. 6.
Ressler, Hugh C., West Brighton, assignor to Faximile, Inc., New York, N. Y. Electrolytic recording electrode. 2,380,467; July 31.
Reswick, Maurice, New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Lubricant. 2,388,083; Oct. 30.
Reswick, Maurice, Wilkinsburg, Pa., assignor to Standard Oil Development Company. Lubricant and preparing and using same. 2,377,106; May 29.
Rethwisch, Francis B.: *See*—
Babcock, G. M., Rethwisch, and Furnas.
Rethwisch, Francis B., and G. M. Babcock, Louisville, Ky., assignors to Reynolds Metals Co., Richmond, Va. Pigment. 2,378,432; June 19.
Retter, Rudolf, South Euclid, Ohio. Elastic bed bottom. 2,371,777; Mar. 20.
Reuther, Harry W.: *See*—
Vester, Ernest A., assignor.
Reutter, Frederick R., assignor, by mesne assignments, to Allied Control Company, Inc., New York, N. Y. Self-locking nut. 2,391,643; Dec. 25.
Revair Corporation: *See*—
Enslin, H. E., and Wallace, assignors.
Revere Camera Company: *See*—
Briskin, T. S., and Golick, assignors.
Revere Copper and Brass Incorporated: *See*—
Bunn, Edward S., assignor.
Wilkins, Richard A., assignor.
Revo Electric Co. Limited: *See*—
Reeves, Frederick H., assignor.
Rex-O-graph, Inc.: *See*—
Rockhill, Roscoe R., assignor.
Rex Products Corporation: *See*—
Winters, Frank, assignor.
Rey, Eudice, Brooklyn, assignor to Zylo Ware Corporation, Long Island City, N. Y. Spectacle frame. 2,389,742; Nov. 27.
Reybold, Douglas C., Northbrook, Ill., and A. J. Fischer, Manhasset, assignor to The Dorr Company, New York, N. Y. Apparatus for treating impure liquids. Re. 22,652; June 26.
Reyburn, Vernon E., Detroit, Mich. Pie holder. 2,388,442; Nov. 6.
Reyniers, James A., South Bend, Ind. Film feeding device. 2,369,980; Feb. 20.
Reyniers, James A., Niles, Mich. Microphoto apparatus. 2,369,981; Feb. 20.
Reynolds, Albert G., Oakland, Calif. Fruit and vegetable juice extractor. 2,369,406; Feb. 13.
Reynolds, Benjamin F., Stockton, Calif. Fountain pen. 2,368,425; Jan. 30.
Reynolds, Burl A., Lodi, Calif. Mixing valve. 2,383,215; Aug. 21.
Reynolds, Byron E., Jackson, Mich. Automatic composing typewriter. 2,375,135; May 1.
Reynolds, Edwin A., Los Angeles, Calif., assignor to Consolidated Vultee Aircraft Corporation. Retractable step. 2,383,930; Aug. 28
Reynolds Electric Co.: *See*—
Olson, Waldemar N., assignor.
Reynolds, Harold C., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Wrench. 2,384,399; Sept. 4.
Reynolds, Harold C., Jr.: *See*—
Thomas, R. M., Field, and Reynolds.
Reynolds, Henry J., Sumner, Wash. Insecticide. 2,369,855; Feb. 20.
Reynolds, James H., Indianapolis, Ind., assignor to Radio Corporation of America. Producing lens coating material. 2,372,639; Mar. 27.
Reynolds, John M., Paragould, Ark. Dispensing apparatus. 2,374,896; May 1.

Reynolds, John P., Buffalo, N. Y. Safety device for sea planes. 2,379,186; June 26.
Reynolds, Julian L., Richmond, Va., assignor to Reynolds Metals Company. Insulated military tank and other vehicles. 2,389,579; Nov. 20.
Reynolds Metals Co.: *See*—
Ammann, Richard, assignor.
Babcock, G. M., Rethwisch, and Furnas, assignors.
Burnett, John W., assignor.
Rethwisch, F. B., and Babcock, assignors.
Reynolds, Julian L., assignor.
Weiller, Charles R., assignor.
Reynolds, Milton, and H. G. Barrett, assignors to Printasign Corporation of America, Chicago, Ill. Printing apparatus. 2,367,313; Jan. 16.
Reynolds, Noel S., St. Louis, Mo. Seal construction. 2,377,452; June 5.
Reynolds, Noel S., St. Louis, Mo. Seal. 2,385,941; Oct. 2.
Reynolds, Peter W.: *See*—
Bremner, J. G. M., Reynolds, and Taylor.
Reynolds & Reynolds Company, The: *See*—
La Hatte, J. A., and Smith, assignors.
Reynolds, Richard S., Richmond, Va. Composite aluminum-alloy sheets and making same. 2,383,511; Aug. 28.
Reynolds Spring Company: *See*—
Duffield, N. H., and Jackson, assignors.
Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Powder charging device. 2,369,251; Feb. 13.
Reynolds, William B.: *See*—
Kharasch, M. S., and Reynolds.
Reynolds, William B., Chicago, Ill., S. S. Rossander, Wilmington, Del., and D. E. Kvalnes, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disazo dyestuffs. 2,367,053; Jan. 9.
Reynolds, William B., Elmhurst, and S. A. Scully, Yonkers, assignors to Interchemical Corporation, New York, N. Y. Manufacture of phthalocyanine pigments. 2,382,441; Aug. 14.
Reyrolle, A., & Company Limited: *See*—
Bayles, John W., assignor.
Reysa, Lester J.: *See*—
Brennan, Frank C. and J. S., and Reysa.
Rheem Manufacturing Company: *See*—
Bisbee, David P., assignor.
Hurlbut, J. H., Davidson, and Bowman, assignors.
Ortolano, Frank T., assignor.
Rhees, William B., Augusta, Kans. Oil treater. 2,386,061; Oct. 2.
Rhegas, Peter C., Detroit, Mich. Razor blade holder for sharpening. 2,391,741; Dec. 25.
Rhines, Chester E., Glen Rock, N. J., assignor to United States Rubber Company, New York, N. Y. Preserving latex and the product thereof. 2,371,544; Mar. 13.
Rhoades, Otto L., et al.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C., assignors.
Rhoads, Charles J., Bryan, Tex. Hydraulic actuating cylinder control valve. 2,372,293; Mar. 27.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,367,054; Jan. 9.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Telepohne system. 2,375,136; May 1.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 2,376,275; May 15.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,377,453; June 5.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,379,456; July 3.
Rhoads, Charles S., Albany, N. Y., assignor to American Telephone and Telegraph Company. Code calling signal. 2,389,082; Nov. 13.
Rhodes, Albert J., assignor to American Forging & Socket Company, Pontiac, Mich. Latch construction. 2,373,053; Apr. 3.
Rhodes, Cecil M., St. Paul, and H. W. Wendorf, assignors to Rapinwax Paper Company, Minneapolis, Minn. Heat sealable waxed wrapping sheet and manufacture. 2,371,314; Mar. 13.
Rhodes, Charles J., Wakefield, England. Press for cutting sheet metal. 2,371,315; Mar. 13.
Rhodes, Charles J., Wakefield, England. Machine for cutting or shearing sheets or plates of metal. 2,371,411; Mar. 13.
Rhodes, Grover C.: *See*—
Pearce, G. T., and Rhodes.
Rhodes, Herbert D., and R. W. Watson, assignors to Standard Oil Company, Chicago, Ill. Corrosion prevention. 2,382,818; Aug. 14.
Rhodes, James H., & Company: *See*—
Rimer, Lewis K., assignor.
Rhodes, John C., Jenkintown, assignor to The United Dairy Equipment Company, West Chester, Pa. Apparatus for homogenizing mixed liquid ingredients. 2,388,573; Nov. 6.
Rhodes, M. H., Incorporated: *See*—
Perry, T. M., and Hunter, assignors.
Rhodes, Marcus H., assignor.
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Timing device. 2,369,688; Feb. 20.
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., Hartford, Conn. Escapement. 2,383,418; Aug. 21.
Rhodes, Murray B., Kew Gardens, N. Y., assignor to The Glenn L. Martin Company, Middle River, Md. Control lever. 2,388,079; Oct. 30.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Abrasive article and manufacturing the same. 2,385,371; Sept. 25.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Production of resin. 2,385,372; Sept. 25.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Producing a resin and product derived therefrom. 2,385,373; Sept. 25.
Rhodes, Philip H., Portland, Maine, assignor to Pennsylvania Coal Products Company, Petrolia, Pa. Aqueous bonding composition. 2,385,374; Sept. 25.
Rhodes, Russell I., North Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Ornamental box. 2,372,294; Mar. 27.
Rho-Jan: *See*—
Michals, Edward S., assignor.
Rial, Arthur W., Batavia, N. Y. Cutting tool. 2,371,708; Mar. 20.
Ribbe, Ruth, Seattle, Wash. Oracle card game. 2,383,081; Aug. 21.
Riboud, Jacques M. J., Mount Washington, Md., assignor to Specialty Equipment and Machinery Corp., New York, N. Y. Ground gripping for gun mounts. 2,379,991; July 10.
Ricardo, Harry R., London, England. Two-cycle sleeve-valve engine. 2,367,963; Jan. 23.
Ricardo, Harry R., London, England. Multistage compressor. 2,373,779; Apr. 17.
Ricardo, Harry R., London, England. Multistage compressor. 2,373,780; Apr. 17.
Ricart, Wifredo, Barcelona, Spain. Apparatus for the regulation of cooling in internal-combustion engines. 2,376,939; May 29.
Riccardi, Peter, Los Angeles, Calif. Umbilical clip. 2,384,697; Sept. 11.
Ricciardi, Matthew C.: *See*—
Di Cosmo, P. V., and Ricciardi.
Rice and Adams Corporation: *See*—
Alling, E. R., and (Knepflar, assignor).
Alling, E. R., and (Ulrich, assignor).
Rice Barton Corporation: *See*—
Clem, E. W., and Munton, assignors.
Clem, E. W., and Winter, assignors.
Smith, Herman A., assignor.
Rice, Carl V., and D. M. Kitterman, Kansas City, Kans. Bottle vending machine. 2,371,316; Mar. 13.
Rice, Edgar U.: *See*—
Bertalan, E., and Rice.
Rice, Edward E., et al: *See*—
Johnson, Melvin M., Jr., assignor.
Rice, Ernest G., assignor to Redson-Rice, Chicago, Ill. Cutting openings through a pile of sheets. 2,376,724; May 22.
Rice, Ernest G., assignor to Redson-Rice, Chicago, Ill. Counting device. 2,389,107; Nov. 13.
Rice, George D., Chicago, Ill. Polishing or buffing pad. 2,370,490; Feb. 27.
Rice, George D., Chicago, Ill. Abrading or buffing pad. 2,370,491; Feb. 27.
Rice, Harry T.: *See*—
Lieber, E., and Rice.
Rice, Joseph A.: *See*—
Little, R. A., and Rice.
Rice, Livingston L., Nashville, Tenn., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Gravity actuated switch. 2,383,889; Aug. 28.
Rice, Martin R., Jackson, Miss. Valve. 2,370,115; Feb. 27.
Rice, Rienzi, Worcester, Mass., assignor to Harrington & Richardson Arms Company. Bolt-action firearm. 2,374,378; Apr. 24.
Rice, Rienzi, Worcester, Mass., assignor to Harrington & Richardson Arms Company. Revolver. 2,385,422; Sept. 25
Rice, William J., Brooklyn, N. Y. Coating composition and making same. 2,373,709; Apr. 17.
Rich, Charles A., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Toolholder. 2,377,519; June 5.
Rich, Charles A., Jr.: *See*—
Rich, Charles A., and C. A., Jr.
Rich, Charles A., and C. A., Jr., assignors to Morgan Construction Company, Worcester, Mass. Bearing. 2,367,613; Jan. 16.
Rich, David: *See*—
Caruso, C., and Rich.
Rich, Paul J., and J. W. Griesinger, Dayton, Ohio. Bombing target. 2,382,442; Aug. 14.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Regenerative fluxmeter. 2,367,614; Jan. 16.

Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Flux measurement. 2,391,271; Dec. 18.
Richard, Lance D., Wichita, Kans. Grapple to raise sunken ships, or the like. 2,374,134; Apr. 17.
Richards, Alvin B., J. A. Mickey, and J. T. O'Reilly, assignors to Ford Motor Company, Dearborn, Mich. Protective coating. 2,372,982; Apr. 3.
Richards, Alvin B., Dearborn, and H. S. Atherton, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Insulation. 2,391,515; Dec. 25.
Richards, Alvin B., and J. T. O'Reilly, assignors to Ford Motor Company, Dearborn, Mich. Purification of low melting point alloys. 2,391,516; Dec. 25.
Richards, Atherton: *See*—
Knudsen, V. and K., assignors.
Richards, Cecil C.: *See*—
Braendel, F. W., and Richards.
Richards Chemical Works, The: *See*—
Kaplan, Saul, assignor.
Roth, Murray H., assignor.
Richards Chemical Works, Inc., The: *See*—
Geltner, Daniel, assignor.
Richards, Claude L., London, England, assignor to The Hartford National Bank and Trust Company, as trustee, Hartford, Conn. Tuning arrangement for wireless receivers. 2,381,227; Aug. 7.
Richards, Dorothy L., Azusa, and W. C. Miller, Alhambra, assignors to Vard Inc., Pasadena, Calif. Nonreflective lens coating. 2,391,595; Dec. 25.
Richards, Ernest W., St. Clair Shores, assignor to Parker Rust Proof Company, Detroit, Mich. Apparatus for and method of rustproofing. 2,381,183; Aug. 7.
Richards, Glenn G., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Welding and brazing electrode. 2,379,187; June 26.
Richards, Harry P., Elmhurst, Ill. Detachable frameless screen. 2,379,747; July 3.
Richards, Idris J., Pittsburgh, assignor of one-fourth to J. R. Snyder, Wilkinsburg, Pa. Combination display and drain stand. 2,369,982; Feb. 20.
Richards, John R., and C. W. Evert, assignors to Downing Box Company, Milwaukee, Wis. Container. 2,382,819; Aug. 14.
Richards, John R., and C. W. Evert, assignors to Downing Box Company, Milwaukee, Wis. Cover construction for containers. 2,387,184; Oct. 16.
Richards, John W., Essexville, Mich. Waste pipe trap. 2,382,912; Aug. 14.
Richards, Joseph: *See*—
Robertson, T. C., Conard, and Richards.
Richards, Joseph W., New York, N. Y. Attaining realistic animation for photographic purposes. 2,384,341; Sept. 4.
Richards, Kenneth W.: *See*—
Gardner, L. A., and Richards.
Richards, Raymond B.: *See*—
Bacon, R. G. R., and Richards.
Richards-Wilcox Manufacturing Company: *See*—
Hassler, Paul M., assignor.
Richards, Willard R., Buffalo, N. Y. Smoking pipe. 2,366,215; Jan. 2.
Richards, William H., Dayton, Ohio. Automatic shutoff valve for gasoline burners. 2,376,383; May 22.
Richardson, Albert S., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,737; Aug. 28.
Richardson, Albert S., Wyoming, and J. E. Taylor, Cincinnati, assignors to The Procter and Gamble Company, Ivorydale, Ohio. Catalytic hydrogenation processes. 2,375,495; May 8.
Richardson, Albert S., and W. H. McAllister, Wyoming, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,738; Aug. 28.
Richardson, Andrew G., assignor to William P. Poythress & Company, Inc., Richmond, Va. Antispasmodic agents. 2,390.555; Dec. 11.
Richardson, Avery G.: *See*—
Busignies, H. G., and Richardson.
Richardson, Avery G., Boonton, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Portable antenna. 2,388,287; Nov. 6.
Richardson Company, The: *See*—
Rieser, Oliver O., assignor.
Richardson, De Soto E., Wenatchee, Wash. Fruit and vegetable slicer. 2,378,502; June 19.
Richardson, De Soto E., Wenatchee, Wash. Appie slicer. 2,383,814; Aug. 28.
Richardson, George K., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel support. 2,378,038; June 12.
Richardson, Harry L.; *See*—
Hedberg, C. W. J., and Richardson.
Richardson, Henry M., Pittsfield, Mass., assignor to General Electric Company. Spinning bucket. 2,372,983; Apr. 3.
Richardson, Hubert O., Washburn, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical apparatus for the manufacture of explosives. 2,385,162; Sept. 18.
Richardson, Jonathan C. V., Columbus, Ohio. Nut grinding machine. 2,389,816; Nov. 27.
Richardson, Lycurgus W., deceased, by M. M. Richardson, Scotia, administratrix, and M. W. Scheldorf, Schenectady, N. Y., assignors to General Electric Company. End seal for transmission lines. 2,376,725; May 22.
Richardson, Marie M., administratrix: *See*—
Richardson, L. W., and Scheldorf.
Richardson, Philip B., Montclair, assignor to Richardson Scale Company, Clifton, N. J. Packing apparatus. 2,376,810; May 22.
Richardson, Presly C., Benson, Ariz. Hanger for slender articles. 2,370,876; Mar. 6.
Richardson, Samuel A., Burlington, Iowa, assignor to Wells Lamont Corporation, Chicago, Ill. Method and apparatus for producing imitation pigskin articles. 2,372,517; Mar. 27.
Richardson Scale Company: *See*—
Richardson, Philip B., assignor.
Richardson Taylor-Globe Corporation, The: *See*—
Marx, Frank A., assignor.
Richardson, Thomas B., assignor of one-fourth to M. Limberis and one-fourth to G. Epsimos, Big Rapids, Mich. Mechanical kitchen equipment. 2,373,781; Apr. 17.
Richardson, Walter C., Montreal, Quebec, Canada. Cinder draining and disposal plant. 2,380,264; July 10.
Richardsons, Westgarth & Company Limited et al.: *See*—
Signer, J. U., and Douglas, assignors.
Richer, Joseph R., Cleveland, Ohio. Cap screw. 2,375,249; May 8.
Richey, David M., Devon, assignor to United Aircraft Corporation, East Hartford, Conn. Lock fastener. 2,390,173; Dec. 4.
Richey, Earl E., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Feeding device. 2,373,600; Apr. 10.
Richey, James G., Alhambra, Calf. Rotary jar and safety joint. 2,387,682; Oct. 23.
Richfield Oil Corporation: *See*—
Dobson, W. M., Frye, and Griggs, assignors.
Lentz, Alfred P., assignor.
Richker, Charles: *See*—
Eastman, D. B., and Richker.
Richker, Charles, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,366,805; Jan. 9.
Richland, Sylvia C.: *See*—
Ambrosini, Elio J., assignor.
Richman, Frances B., San Francisco, Calif. Foldable visual album. 2,377,968; June 12.
Richmond, Belding E.: *See*—
Buckley, E. T., and Richmond.
Richmond, Purris E., Port Orchard, and D. J. Griswold, Bremerton, Wash. Sealed ball bearing regreasing device. 2,369,178; Feb. 13.
Richmond, William E., Kenilworth, Ill., and J. W. Schultz, Bucyrus, assignors to Automatic Canteen Company of America, Chicago, Ill. Protective device for vending machines. 2,378,868; June 19.
Richolt, Robert: *See*—
Pearsall, E. S., Jr., and Richolt.
Richter, Curt P., Baltimore, Md., assignor, by mesne assignments, to the United States of America, as represented by the Secretary of War. Rodenticide. 2,390,848; Dec. 11.
Richter, Eugene D., et al.: *See*—
Young, William D., assignor.
Richter, George A., assignor to Eastman Kodak Company, Rochester, N. Y. Production of refined wood pulp. 2,380,706; July 31.
Richter, Herman W., Bridgewater, and H. R. Gillette, Newton Highlands, Mass., assignors to Federal Electric Company, Inc., Chicago, Ill. Production of resinous felted fibrous composition. 2.387,683; Oct. 23.
Richter, Johan C. F. C., Oslo, Norway, assignor to Aktiebolaget Kamyr, Karlstad, Sweden. Continuous alkali treatment of fibrous material. 2,383,684; Aug. 28.
Richter, Walther, Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Induction heating. 2.371,066; Mar. 6.
Richter, Walther, Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Apparatus for determining the duration of a transient effect. 2,377,969; June 12.
Richter, Walther, Whitefish Bay, assignor to A. O. Smith Corporation, Milwaukee, Wis. Temperature control for electric heating. 2,381,310; Aug. 7.
Rick, Herbert R., Kent, Ohio. Burial casket. 2,375,386; May 8.
Rickenbacher, Adolph, Los Angeles, Calif. Heating device. 2,371,410; Mar. 13.
Rickenmann, Alfred, Kusnacht, Zurich, Switzerland. Process and machine for grinding toothed gears. 2,385,650; Sept. 25.
Rickenmann, Alfred, Zürich, Switzerland. Machine for producing circular saws. 2,388,183; Oct. 30.
Rickenmann, Alfred, Zurich, Switzerland. Bearing. 2,389,687; Nov. 27.
Ricker, Ralph H., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable inductive device. 2,379,457; July 3.
Ricketts, James R., Yountville, Calif. Cigarette holder or pipestem. 2,385,651; Sept. 25.
Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for grinding twist drills. 2,372,794; Apr. 3.

Ricks, Fred, and C. M. Bagshaw, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Counter pasting machine. 2,370,917; Mar. 6.

Ric-wil Company, The: *See*—
Gottwald, Christian, assignor.

Ridbo Laboratories, Inc.: *See*—
Auer, Lászlo, assignor.
Auer, L., and Ray, assignors.
Ridgway, E. O., Tucker, and Kintner, assignors.

Ridd, Ambrose, Louisville, Ky. Vulcanizing apparatus. 2,383,685; Aug. 28.

Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Aerial camera shutter. 2,367,526; Jan. 16.

Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. High-speed shutter. 2,384,639; Sept. 11.

Riddihough, Maurice, assignor to Deloro Smelting & Refining Company Limited, Birmingham, England. Plug gauge. 2,383,341; Aug. 21.

Riddle, Frank H., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Alumina and silicon carbide refractory. 2,388,080; Oct. 30.

Riddle, Raymond R., North Wilbraham, Mass., assignor to Rototiller, Inc., Troy, N. Y. Rotary tilling housing protector. 2,366,571; Jan. 2.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Valve. 2,384,342; Sept. 4.

Rider, Harry N., assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Valve for sprinkler systems. 2,387,817; Nov. 27.

Ridge, Elinore E., executrix: *See*—
Gutman, I., and Evans.

Ridgway, Charles M., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Motor fuel. 2,367,527; Jan. 16.

Ridgway, Eric O., Upper Montclair, and F. C. Tucker, and C. J. Kintner, Nutley, N. J., assignors to Ridbo Laboratories, Inc. Treating cellulosic textile material. 2,368,158; Jan. 30.

Ridings, Garvice H., Summit, and F. L. Currie, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile switching system. 2,374,704; May 1.

Ridings, Garvice H., Summit, and R. J. Wise, Dunellen, N. J., asignors to The Western Union Telegraph Company, New York, N. Y. Adjustable stylus for facsimile recorders. 2,375,820; May 15.

Ridings, Garvice H., Summit, and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile telegraph system and apparatus. 2,386,263; Oct. 9.

Ridley, Walter, Chelmsford, assignor to Riggs & Lombard, Inc., Lowell, Mass. Carbonizing cloth. 2,379,653; July 3.

Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Phonograph switch. 2,382,258; Aug. 14.

Rieber, Frank, Los Angeles, Calif., assignor to Continental Oil Company, Ponca City, Okla. System for geological exploration by elastic waves. 2,377,903; June 12.

Rieck, Roy J., assignor to G. H. Bishop, Co., Chicago, Ill. Shirt folding table. 2,369,607; Feb. 13.

Riede, Peter M.: *See*—
Hansen, O. A., and Riede.

Riedel, Kurt A.: *See*—
Armitage, J. B., Barker, Riedel, and Boehmer.

Riedel, William, Lansdowne, Md. Safety pocket. 2,385,163; Sept. 18.

Riedele, Andrew P., Los Angeles, Calif. Ventilated toilet. 2,389,165; Nov. 20.

Riedesel, Richard G.: *See*—
Miller, T. J., and Riedesel.

Riedl, Hans-Joachim: *See*—
Pfleiderer, G., and Riedl.

Riefenstahl, Lester A., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Making cork substitute. 2,381,774; Aug. 7.

Riegel Paper Corporation: *See*—
Herrick, Walter W., assignor.

Riegel, Rachel B., Yellow Springs, Ohio. Clamp for clothesline poles. 2,379,377; June 26.

Rieger, Alfons B.: *See*—
Freeman, F. C., and Rieger.

Rieger, James H., Dayton, Ohio. Model construction. 2,366,652; Jan. 2.

Rieke, Sidney C., Mission, Tex. Fruit and vegetable waxer. 2,372,225; Mar. 27.

Riemenschneider, Ralph H.: *See*—
Lambert, P., Riemenschneider, and Gibb.

Riemenschneider, Ralph H., Pleasantville, assignor to The Lummus Company, New York, N. Y. Fractionation column. 2,376,940; May 29.

Riemenschneider, Roy W.: *See*—
Wells, P. A., and Riemenschneider.

Riemenschneider, Roy W., Glenside, and J. Turer, Philadelphia, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Antioxidant compositions. 2,375,250; May 8.

Riemenschneider, Roy W., Glenside, and J. Turer, Philadelphia, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Ternary synergistic antioxidant composition. 2,383,815; Aug. 28.

Riemenschneider, Roy W., Glenside, and J. Turer, Philadelphia, Pa., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Alkali compounds containing antioxidant compositions. 2,383,816; Aug. 28.

Riener, Thomas W.: *See*—
Bruson, H. A., and Riener.

Ries, Edward J.: *See*—
Brune, L. H., and Ries.

Riese, Karl F., assignor, by mesne assignments, to M. L. Williams, Minneapolis, Minn. Incense vaporizer. 2,376,622; May 22.

Rieser Company, Inc., The: *See*—
Bergen, Edward, assignor.

Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Device for treating storage battery cell covers. 2,391,478; Dec. 25.

Riesing, Ellwood F., Pontiac, Mich., assignor to The Fire stone Tire & Rubber Company, Akron, Ohio. Bushing. 2,367,832; Jan. 23.

Riesing, Ellwood F., Pontiac, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Motor mounting. 2,367,833; Jan. 23.

Riesing, Mabel P., Pontiac, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Plastic shoe. 2,381,389; Aug. 7.

Riesmeyer, August H., and V. M. Stowe, Collinsville, Ill., assignors to Aluminum Company of America, Pittsburgh, Pa. Purification of gelatinous hydroxides. 2,390,272; Dec. 4.

Riesz, Kolman: *See*—
Chapman, J. F., and Riesz.

Riethof, George, Mount Lebanon, assignors to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Making thiocyanates. 2,372,119; Mar. 20.

Riethof, George, Mount Lebanon, assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Production of lutidine-urea compounds. 2,376,008; May 15.

Riethof, George, Mount Lebanon, assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Separation process. 2,383,016; Aug. 21.

Riethof, George, Mount Lebanon, assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Recovering pure beta-picoline. 2,388,499; Nov. 6.

Rietz, Charles A.: *See*—
Jeuck, F. J., and Rietz.

Rietz, Charles A., Park Ridge, and F. J. Jeuck, Chicago, Ill., assignors to Interchemical Corporation, New York, N. Y. Printing inks and vehicles therefor. 2,390,123; Dec. 4.

Rietz, Charles A., Park Ridge, and F. J. Jeuck, Chicago, Ill., assignors to Interchemical Corporation, New York, N. Y. Heat drying printing inks and vehicles therefor. 2,390,390; Dec. 4.

Rieveschl, George, Jr., and F. E. Ray, Cincinnati, Ohio, assignors to The Wm. S. Merrell Company. Derivatives of fluorene carboxylic acids. 2,377,040; May 29.

Rifenbergh, Clare M., New York, N. Y., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Electrical device. 2,391,038; Dec. 18.

Rifle, William V., Chicago, Ill. Heating apparatus. 2,385,652; Sept. 25.

Rigby, Irving F. T., Stamford, Conn. Type size and space gauge. 2,376,811; May 22.

Riggen, Theodore K., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Dynamic fuse testing device. 2,378,327; June 12.

Riggenbach, John W., Barrington, R. I. Machine for applying multicolored flock. 2,388,999; Nov. 13.

Riggio, Frank, assignor to Anderson School Equipment Co., Los Angeles, Calif. Desk appliance. 2,370,372; Feb. 27.

Riggs, Alger S., Chicago, Ill., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Static earth inductor compass. 2,370,194; Feb. 27.

Riggs, Alger S., Chicago, Ill., and H. H. Thompson, Mountain Lakes, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Dynamic earth inductor compass. 2,376,883; May 29.

Riggs, Harry E., Longmeadow, and P. H. Griswold, assignors to Strathmore Paper Company, West Springfield, Mass. Sample device. 2,376,087; May 15.

Riggs & Lombard, Inc.: *See*—
Ridley, Walter, assignor.

Riggs, Walter S., Haddon Heights, N. J., and R. Lehmann, assignors to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Hydrogen peroxide bleach. 2,371,545; Mar. 13.

Rigterink, Merle D., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ceramic material. 2,386,633; Oct. 9.

Riise, John, Doylestown, Ohio. Butane fuel device. 2,368,680; Feb. 6.

Riise, John A., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well logging. 2,370,814; Mar. 6.

Rike, Richard C., and E. L. Baugh, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Fuel system. 2,367,055; Jan. 9.

Riley, Ray: *See*—
Dean, J. G., Heiligman, and Riley.
Riley, Ray, Moorestown, and F. C. Nachod, Mount Holly, N. J., assignors to The Permutit Company, New York, N. Y. Ion exchange products and their preparation. 2,382,334; Aug. 14.
Riley Stoker Corporation: *See*—
Kuhner, Max H., assignor.
Robinson, Benjamin R., assignor.
Riley, William H., Pittsburgh, Pa. Hollow propeller. 2,383,342; Aug. 21.
Rimer, Lewis K., Evanston, assignor to James H. Rhodes & Company, Chicago, Ill. Plastic abrasive pad. 2,375,585; May 8.
Rinderknecht, Heinrich: *See*—
Bergel, F., Hindley, Morrison, and Rinderknecht.
Rineer, Arthur E., Dayton, Ohio. Extrusion molding apparatus. 2,371,709; Mar. 20.
Rinehart, Harry H.: *See*—
Leistensnider, G. P., and Rinehart.
Rinehart, Harry H., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Thermal insulation and manufacture. 2,389,460; Nov. 20.
Ring Balance Instrument Company: *See*—
Bean, Donald O., assignor.
Vetter, Otto B., assignor.
Zucrow, Maurice J., assignor.
Ring, Ernest A., West Barrington, assignor of one-half to F. M. Blakeney, Cranston, R. I. Utility goggle. 2,388,574; Nov. 6.
Ring, Ernest A., West Barrington, assignor of one-half to F. M. Blakeney, Cranston, R. I. Goggle. 2,391,349; Dec. 18.
Ring, Harold H.: *See*—
Hobson, S. H., and Ring.
Ringer, Ferdinand, New York, N. Y. Moldable materials and making same. 2,366,425; Jan. 2.
Ringer, Luther: *See*—
Geldhof, P. E., and Ringer.
Ringer, Luther, Berrien Springs, assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Two speed drive and clutch assembly. 2,377,575; June 5.
Ringger, Henry H., Gridley, Ill., assignor to Gridley Farm Tool Company, Incorporated. Tractor operated sweep rake. 2,372,638; Mar. 27.
Ringle, Charles J., G. H. Hiatt, and R. W. Smith, assignors to Williams Gold Refining Company, Inc., Buffalo, N. Y. Dental surveying instrument. 2,376,384; May 22.
Ringler, Rudolph M., Wymore, Nebr. Drill bit support. 2,380,330; July 10.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,391; Feb. 13.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,392; Feb. 13.
Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bottle carrier. 2,371,317; Mar. 13.
Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Cylindrical container. 2,372,740; Apr. 3.
Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Cylindrical container and the like. 2,389,547; Nov. 20.
Ringler, William A., Wayne, Pa., and M. I. Williamson, assignors to Wedglok Corporation, New York, N. Y. Joinders in sheet materials. 2,388,288; Nov. 6.
Ringzelli, Arthur, Chicago, Ill. Grinding fixture for cutters. 2,379,594; June 3.
Rinia, Herre, Eindhoven, Netherlands; vested in the Alien Property Custodian. Optical system. 2,377,268; May 29.
Rinn, Irwin C., Chicago, Ill. Film mount and the like. 2,385,541; Sept. 25.
Riopelle, Earl F.: *See*—
Sihvonen, K. E., and Riopelle.
Riopelle, Earl F., Detroit, and K. E. Sihvonen, Dearborn, assignors to General Motors Corporation, Detroit, Mich. Balancing machine. 2,382,665; Aug. 14.
Ripley, George K., assignor to Troy Blanket Mills, Troy, N. H. Reinforced textile fabric and making. 2,381,184; Aug. 7.
Ripley, Gladys A.: *See*—
Ripley, Walter L., assignor.
Ripley, Louis R., Litchfield, Conn. Blower housing and assembly. 2,386,508; Oct. 9.
Ripley, Walter L., assignor, to G. A. Ripley, Sharpsburg, Md. Toy boat construction. 2,388,340; Nov. 6.
Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. Stable aminoplastic sirups and producing same. 2,378,362; June 12.
Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. High strength laminated animo plastics. 2,388,184; Oct. 30.
Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Internal combustion engine exhaust system. 2,370,259; Feb. 27.
Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Propeller construction. 2,374,833; May 1.
Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Propeller construction. 2,374,834; May 1.
Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Assembling radiators. 2,385,542; Sept. 25.
Ris, Kenneth B., Garden City, assignor to The Griscom Russell Company, New York, N. Y. Bimetal tube. 2,386,747; Oct. 16.
Risdon Manufacturing Company, The: *See*—
Carr, John J., assignor.
Mitchell, August, assignor.
Rise, Eulie B., Washington, D. C. Rattrap. 2,377,967; June 12.
Rishton, James H.: *See*—
Macdonald, A. D., and Rishton.
Risk, Thomas J., Central Falls, R. I. Bobbin clutch for spindle blades. 2,366,653; Jan. 2.
Rist, Clarence E., Lyndhurst, Ohio. Safety stop mechanism for machine tools. 2,385,103; Sept. 18.
Riszdorfer, László, Budapest, 1, Hungary; vested in the Alien Property Custodian. Photoelectric exposure meter. 2,378,433; June 19.
Ritter, Charles R. H., London, England. Iodization of textile fabrics. 2,390,391; Dec. 4.
Ritter Company, Inc.: *See*—
Brune, L. H., and Ries, assignors.
Ritter, W. M., Lumber Company: *See*—
Klammt, A., and Kretzschmar, assignors.
Rittmeister, Wilhelm, Rodleben, near Dessau-Rosslau, Germany, assignor, by mesne assignments, to American Hyalsol Corporation, Wilmington, Del. Manufacture of reduction products from unsaturated fatty acids or their derivatives. 2,374,379; Apr. 24.
Ritz, Charles A.: *See*—
Lambert, Enoch E., assignor.
Ritzel, Willis J., Pasadena, Calif. Fastener. 2,387,468; Oct. 23.
Rival Manufacturing Company: *See*—
Landry, William J.
Rival Manufacturing Company, et al.: *See*—
Landry, William J.
Rively, Clair M., Matawan, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid. 2,367,615; Jan. 16.
Riverbank Laboratories: *See*—
Eisenhour, B. E., assignor.
Rivers, Emil, Rockland, Maine. Berry cleaning and sizing machine. 2,371,067; Mar. 6.
Rivers, Robert, Belmar, N. J. Spring connector for selectors. 2,391,479; Dec. 25.
Rives, Frank M.: *See*—
Kenefake, E. W., and Rives.
Rives, William G., Las Vegas, N. Mex. Mounting lenses. 2,377,970; June 12.
Rivet-O Manufacturing Company: *See*—
Harris, Carl C., assignor.
Roach, Earl M., assignor to Arvey Corporation, Chicago, Ill. Structural toy assembly aid. 2,377,904; June 12.
Roach, Edmund J., and E. F. Cooke, Jr., Beaumont, Tex. Well control head. 2,387,610; Oct. 23.
Roach, Wendell W., Kansas City, Mo., assignor to Phillips Petroleum Company. Isomerization of hydrocarbons. 2,378,728; June 19.
Roach, Wendell W., Kansas City, Mo., assignor to Phillips Petroleum Company. Catalyst chamber construction. 2,378,792; June 19.
Road, Richard A., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Plastic watt-hour meter base. 2,367,433; Jan. 16.
Roadless Traction Limited: *See*—
Johnson, Philip H., assignor.
Robar, Paul H., Syracuse, N. Y. Connector for binding posts. 2,376,812; May 22.
Robb, Andrew, New Britain, Conn. Smokers' appliance. 2,374,307; Apr. 24.
Robbel, Richard A., Chicago, Ill. Sleeve ironer. 2,375,947; May 15.
Robbins, Azor D., Glen Cove, assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Directional power divider. 2,369,075; Feb. 6.
Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Push-button switch control station. 2,370,877; Mar. 6.
Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,375,387; May 8.
Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,376,506; May 22.
Robbins, Douglas, and Company: *See*—
Robbins, Douglas R., assignor.
Robbins, Douglas R., assignor to Douglas Robbins and Company, Middletown, Ohio. Paper machine cleaner. 2,366,354; Jan. 2.
Robbins, Leo, assignor to Roberts Manufacturing Co., New York, N. Y. Automatic drilling machine. 2,389,743; Nov. 27.
Robbins, Leo, assignor to Roberts Manufacturing Co., New York, N. Y. Indexing mechanism for automatic machines. 2,389,744; Nov. 27.
Robbins, William B., assignor to The Dow Chemical Company, Midland, Mich. Crinkled polymeric vinylidene chloride fibers. 2,377,810; June 5.

Robbins, William K., Chicago, Ill. Chain link. 2,385,232; Sept. 18.
Rober, Anton, Milwaukee, Wis. Wrench. 2,389,933; Nov. 27.
Roberds, Wesley M., Collingswood, and B. F. Wheeler, Haddonfield, N. J., assignors to Radio Corporation of America. Direct current voltage amplifier. 2,375,948; May 15.
Roberson, Lonnie M., Dubach, La. Rotatable truck standard. 2,372,120; Mar. 20.
Robert, Arthur F.: *See*— Hansen, K.
Roberts, Albert O.: *See*— Galamb, J. Roberts, and Chubbuck.
Roberts, Alexander M., Widnes, England, assignor to Imperial Chemical Industries Limited. Manufacture of esters. 2,379,104; June 26.
Roberts, Alfred: *See*— Crosse, M., and Roberts.
Roberts, Alvin V., West Haven, Conn., assignor to General Electric Company. Synthetic rubber compositions. 2,391,742; Dec. 25.
Roberts, Arthur, Cleveland Heights, Ohio, assignor to The Colonnade Company. Valve construction. 2,389,000; Nov. 13.
Roberts, Byron H., Chicago, Ill. Lock. 2,369,856; Feb. 20.
Roberts, Earl W., Hickory Island, Mich., and J. Converse, East Cleveland, assignors to The Bryant Heater Company, Cleveland, Ohio. Burner control. 2,374,459; Apr. 24.
Roberts, Elliott J.: *See*— Kelly, E. M., Kivari, Kite, Roberts, and Sutherland. Thompson, R. B., and Roberts.
Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company. Brake cooling for centrifugals and the like. Re. 22,686; Oct. 30.
Roberts-Horsefield, William C., Jr., Plainfield, N. J. Apparatus for illustrating propeller blade pitch movements. 2,372,741; Apr. 3.
Roberts, James A: *See*— Fischer, H. R., and Roberts.
Roberts, James A., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Bucking bar control for riveting hammers. 2,375,691; May 8.
Roberts, James L., Schenectady, N. Y., assignor to General Electric Company. Foundation for elastic fluid turbines and the like. 2,376,188; May 15.
Roberts, John A., assignor of one-half to H. D. Spencer, New York, N. Y. Shield for mercury vapor lamps. 2,366,216; Jan. 2.
Roberts, John F., assignor of forty-nine per cent to L. O. Stephens, Portland, Oreg. Umbrella stand. 2,373,339; Apr. 10.
Roberts, Kenneth C., Welwyn Garden City, assignor to The British Rubber Producers' Research Association, London, England. Manufacture of adhesive compositions. 2,383,569; Aug. 28.
Roberts Manufacturing Co.: *See*— Robbins, Leo, assignor.
Roberts, Martin J.: *See*— Collings, W. R., Freeman, Roberts, and Hisey.
Roberts, Pearlie B., assignor of thirty-six per cent to himself; fifteen per cent to himself as trustee; thirty-four per cent to A. Squyres, Tyler, Tex., and fifteen per cent to said Squyres as trustee. Resilient plastic material and making it. 2,386,264; Oct. 9.
Roberts & Porter, Inc.: *See*— Iler, George A., assignor.
Roberts, Richard M.: *See*— Meyer, W. E., and Roberts.
Roberts, Richard R.: *See*— Brown, R. G., and Roberts.
Roberts, Robert J., Houston, Tex., assignor to Standard Oil Development Company. Directional seismograph pickup. 2,390,328; Dec. 4.
Roberts, Robert M.: *See*— De Simo, M., and Roberts.
Roberts, Robert P., E. B. Johnson, Spondon, near Derby, and M. A. Young, Bristol, England, assignors to Celanese Corporation of America. Production of artificial textile materials, films, and other shaped articles having a basis of a polymerized vinyl ester. 2,374,780; May 1.
Roberts, Samuel S.: *See*— Rubenstein, Samuel S.
Roberts, Samuel S., Pittsburgh, Pa. Footwear safety device. Re. 22,614; Mar. 6.
Roberts & Schaefer Company: *See*— Haworth, Mack E., assignor.
Roberts, Vernon L., Chicago, Ill., assignor of one-half to R. H. Wann, Detroit, Mich. Turntable for phonographs and sound recorders. 2,381,927; Aug. 14.
Roberts, Walter V. B., Princeton, N. J., assignor to Radio Corporation of America. Indicating device. 2,366,355; Jan. 2.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Power limiter for discharge tubes. 2,368,780; Feb. 6.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. High frequency tank circuit. 2,370,423; Feb. 27.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Reactance tube system. 2,371,651; Mar. 20.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Wave length modulation. 2,372,012; Mar. 20.
Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Amplifier. 2,376,821; May 15.
Roberts, Walter Van B., Princeton, N. J., assignor to Radio Corporation of America. Conversion of amplitude modulation to frequency modulation. 2,378,581; June 19.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulation detector circuit. 2,379,748; June 3.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulated pulse signaling. 2,381,928; Aug. 14.
Roberts, William J., and S. W. Traylor, Jr., assignors to Traylor Engineering & Manufacturing Co., Allentown, Pa. Tube cooler. 2,368.881; Feb. 6.
Roberts, William M., Tyler, Tex. Kiddie barrow. 2,381,618; Aug. 7.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,379,543; July 3.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,381,518; Aug. 7.
Robertshaw Thermostat Company: *See*— Eskin, Samuel G., assignor. Eskin, S. G., and Strobel, assignors. Strobel, Charles K., assignor. Weber, Victor, assignor.
Robertson, Anthony E., Roselle, N. J., assignor to Standard Oil Development Company. Catalytic isomerization of hydrocarbons. 2,388,081; Oct. 30.
Robertson, Archibald, North Hollywood, Calif., assignor to Adel Precision Products Corp. Wire supporting clip. 2,372,682; Apr. 3.
Robertson, Archibald, North Hollywood, Calif., assignor to Adel Precision Products Corp. Wire supporting clip. 2,372,683; Apr. 3.
Robertson, Archibald, North Hollywood, Calif., assignor to Adel Precision Products Corp. Cushion for conduit and wire supporting clips. 2,387,295; Oct. 23.
Robertson, Bassett R., San Diego, assignor to Freez-A-Bag, Inc., Los Angeles, Calif. Therapeutic device. 2,366,989; Jan. 9.
Robertson, Daniel P., Arlington, Va. System for weatherstripping sliding sash windows. 2,367,616; Jan. 16.
Robertson, Durant W., Montclair, N. J., assignor to National Lead Company, New York, N. Y. Titanium dioxide pigments. 2,378,790; June 19.
Robertson, Durant W., Montclair, and J. A. Breckley, Mountain Lakes, N. J., assignors to National Lead Company, New York, N. Y. X-ray protective composition. 2,367,738; Jan. 23.
Robertson, Edward A., Crete, Ill. Downspout strainer. 2,377,373; June 5.
Robertson, Edward R., Saint-Margarets-on-Thames, Twickenham, assignor to O. E. Simmonds, Ripley, Surrey, England. Self-locking nut. 2,375,325; May 8.
Robertson, H. H., Company: *See*— Hedgren, Arthur W., assignor. Snyder, Purdum M., assignor.
Robertson, James, San Francisco, Calif. Film reel. 2,380,790; July 31.
Robertson, John Y., El Paso, Tex. Water-power wheel. 2,384,698; Sept. 11.
Robertson, Julia C., administratrix: *See*— Robertson, T. C., Conard, and Richards.
Robertson, Mabel N., Philadelphia, Pa. Food storage equipment. 2,380,121; July 10.
Robertson Paper Box Company, Inc.: *See*— Tyrseck, Walter J., assignor.
Robertson, Robert R., Chicago, Ill. Expansion joint. 2,386,265; Oct. 9.
Robertson, Thomas C., deceased; by J. C. Robertson, National Park, N. J., administratrix and H. N. Conard and J. Richards, Philadelphia, Pa. Overhead tool support. 2,386,266; Oct. 9.
Robertson, William H., and W. E. Eickman, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,369,252; Feb. 13.
Robeson, Charles D.: *See*— Baxter, J. G., and Robeson.
Robey, Richard F., Roselle, and M. W. Swaney, Linden, N. J., assignors to Jasco, Incorporated. Concentrating diolefins. 2,381,311; Aug. 7.
Robie, Charles F., Alameda, assignor to Hawkins-Hawkins Co., San Francisco, Calif. Welding ring. 2,382,098; Aug. 14.
Robie, Norman P., Lewiston, and O. L. Mahlman, Kenmore, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive articles and manufacturing the same. 2,369,689; Feb. 20.
Robiette, Alfred G. E. and P. F. Hancock, Erdington, England. Heat-treatment of metals. 2,384,261; Sept. 4.
Robillard, Joseph H.: *See*— Koch, S. J., and Robillard.

Robin, Leo, and M. Van Roggen, Sprimont, Belgium; vested in the Alien Property Custodian. Transmission device. 2,372,226; Mar. 27.

Robin, Philip T., Valley Stream, N. Y. Automatic grab bucket. 2,377,184; May 29.

Robinette, Charles F.: *See*—
Boyer, R. A., Atkinson, and Robinette.

Robins, A. K., & Company, Inc.: *See*—
Kibler, Louis E., assignor.

Robins, Adolf, White Plains, N. Y., assignor to Tip Top Toy Company. Unbalanced pivoted figure toy. 2,377,811; June 5.

Robins, Cecil, Bollington, near Macclesfield, and W. Kershaw, Cheadle Hulme, assignors to The Fine Cotton Spinners' and Doublers' Association Limited and Bleachers' Association Limited, Manchester, England. Rope. 2,376,813; May 22.

Robins Conveyors Incorporated: *See*—
Bankauf, William F., assignor.

Robins, Samuel D., New York, N. Y. Aircraft landing platform. 2,368,159; Jan. 30.

Robins, Samuel D., New York, N. Y. Aerodynamic braking device. 2,384,640; Sept. 11.

Robinson Aviation, Inc.: *See*—
Robinson, Leslie V., assignor.

Robinson, Benjamin R., assignor to Riley Stoker Corporation, Worcester, Mass. Stoker. 2,367,799; Jan. 23.

Robinson, Bestor, U. S. Army, Oakland, Calif. Sleeping bag. 2,378,434; June 19.

Robinson, Bestor, U. S. Army, Oakland, Calif. Pouring spout. 2,380,871; July 31.

Robinson, Cecil S., New York, N. Y. Duplex vibration absorption mount. 2,368,727: Feb. 6.

Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening inserting machine. 2,381,985; Aug. 14.

Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,388,367; Nov. 6.

Robinson, Chester H.: *See*—
Taylor, H. F., and Robinson.

Robinson, Dennis M., et al.: *See*—
Ormerod, George A., assignor.

Robinson, Edward A., Mount Lebanon, assignor to Diamond Alkali Company, Pittsburgh, Pa. Laundry finishing composition. 2,379,458; July 3.

Robinson, Edward L.: *See*—
Campbell, F. G., and Robinson.

Robinson, Elmer, Concord, and R. D. Evans, Belmont, Mass. Identifying manufactured products. 2,378,328; June 12.

Robinson, Emmett M., San Francisco, Calif. Spark intensifier. 2,376,981; May 29.

Robinson, Eric E., and E. W. J. Barrington, Willesden Junction, assignors to Rotax Limited, London, England. Ignition coil. 2,378,791; June 19.

Robinson, Ewen D., and J. C. Boesch, Jr., Mount Holly, N. C., assignor to Southern Dyestuff Corporation. Sulphur dye composition and manufacture. 2,373,261; Apr. 10.

Robinson, George A., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,385,233; Sept. 18.

Robinson, George H., et al.: *See*—
Ormerod, George A., assignor.

Robinson, Gerard B., Mount Gilead, Ohio. Plastic atomizer. 2,381,558; Aug. 7.

Robinson, Harold A.: *See*—
Grebe, J. J., and Bauman, and Robinson.

Robinson, Harold A., assignor to The Dow Chemical Company, Midland, Mich. Treating Friedel-Crafts reaction liquors. 2,376,088; May 15.

Robinson, Harry C., and T. F. Challis, assignors to American Manufacturing Company, Chattanooga, Tenn. Tree-type display rack. 2,381,619; Aug. 7.

Robinson, Harry G., Stratford, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Cutting off material abrasively. 2,383,741; Aug. 28.

Robinson, James V.: *See*—
Nevill, Gale E., assignor.

Robinson, John A., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,369,799; Feb. 20.

Robinson, John E., Glen Ellyn, and F. H. Bopp and P. W. Millelot, Jr., Maywood, Ill., assignors to American Can Company, New York, N. Y. Composition for lining can ends. 2,382,443; Aug. 14.

Robinson, John R.: *See*—
Robinson, Thomas R. and J. R.

Robinson, John W., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,383,617; Aug. 28.

Robinson, Jonas, Clarke, Summit, Pa. Jacquard compensating means. 2,386,574; Oct. 9.

Robinson, Joseph, assignor to William R. Warner & Co. Inc., New York, N. Y. Electric vaporizer. 2,366,753; Jan. 9.

Robinson, Joseph, Jr., and M. L. Seibert, assignors to Marsh Wall Products, Incorporated, Dover, Ohio. Bottle carrier. 2,377,520; June 5.

Robinson, Leslie V., assignor to Robinson Aviation, Inc., New York, N. Y. Compression indicator. 2,376,814; May 22.

Robinson, Manuel G., Swampscott, Mass., assignor to General Electric Company. Centrifugal type compressor. 2,372,518; Mar. 27.

Robinson, Manuel G., Swampscott, Mass., assignor to General Electric Company. Centrifugal compressor. 2,382,913; Aug. 14.

Robinson, Paul: *See*—
Hubbuch, L. P., and Robinson.

Robinson, Percy W., Scotia, N. Y., assignor to General Electric Company. Adjustable transformer regulator. 2,380,265; July 10.

Robinson, Preston, Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Electrical condenser. 2,373,601: Apr. 10.

Robinson, Preston, Williamstown, assignor to Sprague Electric Company, North Adams, Mass. Flexible electrical insulating layer. 2,386,634; Oct. 9.

Robinson, Ralph J., Los Angeles, Calif. Apparatus for drawing perspectives. 2,380,073; July 10.

Robinson, Samuel S., Jr., assignor to Lilliston Implement Company, Albany, Ga. Baling press. 2,366,426; Jan. 2.

Robinson, Thomas F., Kenilworth, R. T. Coe, and D. F. Welch, Rugby, England, assignors to General Electric Company. Ignition system. 2,376,189; May 15.

Robinson, Thomas R. and J. R., Everett, Wash. Clipper for sheet material. 2,369,253; Feb. 13.

Robinson, William A.: *See*—
Thomas, C. W., and Robinson.

Robinson, William M., Plainfield, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Electrical filter. 2,383,890; Aug. 28.

Robinson, William W., Jr., Los Angeles, Calif., assignor to The Texas Company, New York, N. Y. Drilling fluids. 2,369,407; Feb. 13.

Robison, Charles F.: *See*—
Ru Rose, A. H., and Robison.

Robison, Floyd L.: *See*—
Weiss, Louis, assignor.

Robison, Floyd L., Fort Smith, Ark. Vending apparatus. 2,371,845; Mar. 20.

Robison, Floyd L., Fort Smith, Ark. Refrigerator. 2,387,356; Oct. 23.

Robison, Sidney J., New York, N. Y., assignor to Universal Atlas Cement Company. Sampling device. 2,370,260; Feb. 27.

Roblin, Richard O., Jr.: *See*—
Anderson, G. W., and Roblin.
Williams, J. H., and Roblin.
Winnek, P. S., and Roblin.

Roblin, Richard O., Jr., Old Greenwich, and H. E. Faith, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of 3-amino-5-methyl-1,2,4-oxadiazole and their production. 2,367,056; Jan. 9.

Roblin, Richard O., Jr., Old Greenwich, and G. W. Anderson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of 4-amino-3-methyl furazan and their production. 2,367,057; Jan. 9.

Roblin, Richard O., Jr., Old Greenwich, and R. C. Clapp, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Pyridine-3-sulphonamide derivatives and processes for their production. 2,367,058; Jan. 9.

Robson, Homer L., Lewiston, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Producing neutral calcium hypochlorite. 2,368,042; Jan. 23.

Robson, Homer L., Lewiston, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of hemibasic calcium hypochlorite. 2,374,835; May 1.

Roby, Horace H., assignor, by mesne assignments, to R. C. Foulston, W. L. Hartman, and J. F. Fitz-Gerald, trustees of Roby, Inc., Wichita, Kans. Hydraulically operated pitch changing mechanism. 2,371,187; Mar. 13.

Roby, Inc.: *See*—
Roby, Horace H., assignor.

Roche, Clifton R., Los Angeles, Calif. Automatic transmission. 2,375,440; May 8.

Roche, Clifton R., Los Angeles, Calif. Hydraulic governor control. 2,378,158; June 12.

Roche, Clifton R., Los Angeles, Calif. Fluid flywheel transmission. 2,380,074; July 10.

Roché, Felix A.: *See*—
Roché, Jean R. and F. A.

Roché, Jean R., Dayton, Ohio, and F. A. Roché, Hampton, Va. Aircraft propeller. 2,375,326; May 8.

Roche, John F., Jr., River Forest, assignor to Binks Manufacturing Company, Chicago, Ill. Water curtain distributing means for spray booths. 2,382,026; Aug. 14.

Roche Products Limited: *See*—
Bergel, F., and Cohen, assignors.
Bergel, F., Cohen, and Haworth, assignors.
Bergel, F., Hindley, Morrison, and Rinderknecht, assignors.
Bergel, F., Morrison, Hindley, and Moss, assignors.

Rocheville, Charles F., assignor to Rocheville Engineering, Inc., Long Beach, Calif. Compressor. 2,374,897; May 1.

Rocheville Engineering, Inc.: *See*—
Rocheville, Charles F., assignor.

Rochow, Eugene G., West Albany, N. Y., assignor to General Electric Company. Treatment of organosilicols and products thereof. 2,371,068; Mar. 6.

Rochow, Eugene G., Schenectady, N. Y., assignor to General Electric Company. Preparation of organosilicon halides. 2,380,995; Aug. 7.
Rochow, Eugene G., Schenectady, N. Y., assignor to General Electric Company. Organosilicon compounds. 2,383,817; Aug. 28.
Rochow, Eugene G., and W. I. Patnode, Schenectady, N. Y., assignors to General Electric Company. Preparation of organo-silicon halides. 2,380,996; Aug. 7.
Rochow, Eugene G., and W. F. Gilliam, Schenectady, N. Y., assignors to General Electric Company. Preparation of organosilicon halides. 2,383,818; Aug. 28.
Rochwald, George W., Kearny, N. J. Abrading wheel. 2,387,296; Oct. 23.
Rochwald, George W., Kearny, N. J. Abrading wheel. 2,387,297; Oct. 23.
Rochwald, George W., Kearny, N. J. Abrading wheel. 2,387,298; Oct. 23.
Rock, Albin S.: *See*—
Hall, E. W., and Rock.
Rocke, William, South Bend, Ind. Fluid agency washer with exterior pump. 2,377,454; June 5.
Rocke, William, South Bend, Ind. Fluid agency clothes washer with oscillating tub. 2,380,872; July 31.
Rockford Machine Tool Company: *See*—
Hallberg, E. E., and Vinci, assignors.
Rockhill, Roscoe R., Shorewood, assignor to Rex-O-graph, Inc., Milwaukee, Wis. Duplicating machine. 2,374,039; Apr. 17.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Making record. 2,385,653; Sept. 25.
Rockola, David C., L. E. Dettle, and E. L. Triman, assignors to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,389,327; Nov. 20.
Rock-Ola Manufacturing Corporation: *See*—
Dettle, Lawrence E., assignor.
Hutter, William H., assignor.
Rockola, David C., assignor.
Rockola, D. C., Dettle, and Triman, assignors.
Rockrite Processes, Inc.: *See*—
Coe, George B., assignor.
Inslee, Heber C., assignor.
Rockwell, Edward A., West Hartford, Conn. Travel control actuating apparatus. 2,372,014; Mar. 30.
Rockwell, Edward A., West Hartford, Conn. Controlling means for automotive vehicles. 2,372,015; Mar. 20.
Rockwell, Edward A., West Hartford, Conn. Travel control valve system. 2,385,942; Oct. 2.
Rockwell, Edward A., West Hartford, Conn., assignor to General Auto Parts Corporation. Amplifying fluid pressure device. 2,372,013; Mar. 20.
Rockwell, Edward A., West Hartford, assignor to The New Britain Machine Co., New Britain, Conn. Power unit apparatus. 2,382,444; Aug. 14.
Rockwell, Edward A., West Hartford, assignor to The New Britain Machine Co., New Britain, Conn. Power unit system. 2,383,618; Aug. 28.
Rockwell, Edward A., Cleveland, Ohio. Unloader valve. 2,372,016; Mar. 20.
Rockwell, Edward A., Cleveland, Ohio. Valve apparatus. 2,388,220; Oct. 30.
Rockwell, Walter F., Detroit, Mich., and B. W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Automotive vehicle. 2,384,781; Sept. 11.
Rockwell, Walter F., Detroit, Mich., and B. W. Keese, Oshkosh, Wis., assignors to The Timken-Detroit Axle Company, Detroit, Mich. Automotive vehicle. 2,384,782; Sept. 11.
Rockwood Sprinkler Company: *See*—
Freeman, Howard G., assignor.
Rocquin, Camille J., New Orleans, La. Barrier drain. 2,376,555; May 22.
Rodak, James J.: *See*—
Sheldrick, L. S., and Rodak.
Rodal, Ralph: *See*—
Schafer, R. A., and Rodal.
Rodal, Ralph, assignor to National Automatic Tool Company, Inc., Richmond, Ind. Machine tool control apparatus. 2,381,312; Aug. 7.
Roddy, Fred M., Providence, R. I. Pump for plastic, doughy, pasty, or viscous materials. 2,367,691; Jan. 23.
Roddy, Fred M., Providence, R. I., assignor to H & B American Machine Company. Spinning and twisting machine. 2,368,379; Jan. 30
Roddy, Fred M., Providence, R. I. Granulating and cutting machine. 2,381,775; Aug. 7.
Roddy, Fred M., Providence, assignor to H & B American Machine Company, Pawtucket, R. I. Builder mechanism. 2,386,748; Oct. 16.
Rode, Fredrich J., Toledo, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Mechanical movement and swaging machine. 2,384,641; Sept. 11.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Speed varying gear mechanism. 2,382,820; Aug. 14.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for swaging tubular blanks. 2,388,643; Nov. 6.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Press. 2,389,818; Nov. 27.
Rodeck Armin H. Long Island City, assignor to O. Gutmann, New York, N. Y. Making heat exchange devices. 2,372,795; Apr. 3.
Roden, Harry, Port Neches, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Rust preventive compositions. 2,374,565; Apr. 24.
Rodenacker, Wolf, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Melting apparatus. 2,371,916; Mar. 20.
Rodgers, Charles H., Peoria, and G. C. Neureuther, Morton, assignors to Hiram Walker & Sons Inc., Peoria, Ill. Contact apparatus. 2,384,424; Sept. 4.
Rodgers, Edward T., New York, N. Y., assignor to M. M. O. Rodgers. Internal-combustion engine. 2,374,380; Apr. 24.
Rodgers, Howard C.: *See*—
Fairley, F. E., Lindquist, Michaels, and Rodgers.
Rodgers, Marie M. O.: *See*—
Rodgers, Edward T., assignor.
Rodgers, Nelson E.: *See*—
Meade, R. E., Pollard, and Rodgers.
Rodli, Gilbert, Huntingdon, Pa. Highway construction and method. 2,366,754; Jan. 9.
Rodli, Gilbert, and R. W. Wilson, Huntingdon, Pa. Surface marking apparatus. 2,369,983; Feb. 20.
Rodman, Frank A.: *See*—
McMaster, H. A., and Rodman.
Rodney Hunt Machine Company: *See*—
Jones, Bliss M., assignor.
Simonds, Warren J., assignor.
Rodnick, Joseph W.: *See*—
Fors, E. H., and Rodnick.
Rodway, John, Lincoln, England. Controlling brakes on trailer vehicles. 2,370,582; Feb. 27.
Rodway, John, Lincoln, England. Steering mechanism for vehicles. 2,388,185; Oct. 30.
Roe, Chester M., Hasbrouck Heights, N. J. Pipe coupling. 2,387,410; Oct. 23.
Roe, Emmett J., Wichita, Kans., assignor by decree of distribution to R. J. Roe. Packer. 2,378,374; June 19.
Roe, James, assignor of one-half to A. Kahn, Chicago, Ill. Floor slab. 2,379,595; June 3.
Roe, Russell J.: *See*—
Roe, E. J., assignor.
Roe, Viola B., administratrix: *See*—
Roe, Walter E.
Roede, Charles B.: *See*—
Sperry, E. A., Jr., and Roede.
Roediger, Joseph C.: *See*—
Holmes, A., and Roediger.
Roediger, Joseph C., Brooklyn, N. Y., assignor to Standard Oil Development Company. Paint remover. 2,388,082; Oct. 30.
Roehm, Richard: *See*—
Fikentscher, H., and Roehm.
Roehm, William A., Rockville Centre, assignor to Royal Lace Paper Works, Brooklyn, N. Y. Printing and embossing and apparatus for performing the same. 2,390,618; Dec. 11.
Roehner, Theodore G., Malverne, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Pest control. 2,370,881; Mar. 6.
Roehr, Albert B., Sarasota, Fla. Ditch digger. 2,381,689; Aug. 7.
Roehrich, Victor H., St. Paul, Minn. Aluminum solutions and preparations. 2,373,198; Apr. 10.
Roehrl, Bruno C., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Package for rolls of flexible material. 2,386,062; Oct. 2.
Roelen, Otto: *See*—
Feisst, W., Roelen, and Schuff.
Heckel, H., and Roelen.
Roeloffzen, H. W.: *See*—
Newham, Leonard, assignor.
Roemer, George R., Mount Lebanon, Pa. Continuous manufacture of welded wire mesh. 2,390,174; Dec. 4.
Roemer, Henry A.: *See*—
Renkin, Robert F., assignor.
Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Front-band construction for firearms. 2,368,160; Jan. 30.
Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Self-loading firearm. 2,372,339; Mar. 27.
Roesch, Herman F., Seattle, Wash. Electric service wire coupling means. 2,378,105; June 12.
Roesch, Stephen J.: *See*—
Myers, J. W., and Roesch.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Application of prepared adhesive to webs. 2,369,800; Feb. 20.
Roesen, Oscar C., Searsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Apparatus for the application of prepared adhesive to webs. 2,369,801; Feb. 20.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Counter and numbering head for press cylinders. 2,375,174; May 1.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Means for use in splicing webs. 2,377,971; June 12.

Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Apparatus for the application of adhesive to webs. 2,379,495; June 3.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web splicing. 2,386,344; Oct. 9.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Device for splicing webs. 2,386,345; Oct. 9.
Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web splicing. 2,386,346; Oct. 9.
Roeser, Harry M., assignor to Streeter-Amet Company, Chicago, Ill. Lever. 2,381,412; Aug. 7.
Roessler, George, Teaneck, N. J. Hydraulic pump, fluid motor or compressor. 2,388,644; Nov. 6.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window control mechanism. 2,379,922; July 10.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,923; July 10.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,924; July 10.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,925; July 10.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,926; July 10.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window guide. 2,379,927; July 10.
Roetheli, Bruno E., Cranford, and W. G. Scharmann, Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,376,190; May 15.
Roetheli, Bruno E., Cranford, and W. G. Scharmann, Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,376,191; May 15.
Roetman, Edmond T., Ridley Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Sampling device. 2,388,801; Nov. 13.
Rogers, Allan B., Sr.: *See*—
Burton, E. F., and Rogers.
Rogers, Anthony A., et al.: *See*—
Holmes, Louis W., assignor.
Rogers, Arthur O., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydantoin manufacture. 2,391,799; Dec. 25.
Rogers, C. E., Company: *See*—
Rogers, R. M., and Walker, assignors.
Rogers, C. R., Oak Park, Ill., assignor to International Harvester Company. Internal-combustion engine. 2,366,288; Jan. 2.
Rogers Diesel and Aircraft Corporation: *See*—
Bayles, Allison L., assignor.
Feroy, Arne, assignor.
Fowler, Elbert, assignor.
Rogers, Edith H., executrix: *See*—
Schroder, W. L., and Rogers.
Rogers, Ernest W.: *See*—
Adorjan, P., Nash, and Rogers.
Rogers, Frank H., Estancia, N. Mex. Car door. 2,375,327; May 8.
Rogers, Frank H., Estancia, N. Mex. Latch mechanism. 2,377,576; June 5.
Rogers, George L., Schenectady, N. Y., assignor to General Electric Company. Electric control circuits. 2,372,017; Mar. 20.
Rogers, Horace B., Norfolk, Va. Method and apparatus for conditioning air. 2,371,468; Mar. 13.
Rogers, James: *See*—
Grouse, R. A., and Rogers.
Rogers, John C., and R. Sims, New Orleans, La. Linter. 2,372,796; Apr. 3.
Rogers, John H.: *See*—
Emde, C. K., Rogers, and Posejpal.
Rogers, Johnnie: *See*—
Samuels, Joseph V., assignor.
Rogers, Karl E., Niagara Falls, N. Y. Cord clamp. 2,387,611; Oct. 23.
Rogers Majestic Corporation: *See*—
Gossling, Clement E., assignor.
Rogers, Maurice A. T.: *See*—
Goodings, E. P., and Rogers.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. New coloring matters. 2,382,914; Aug. 14.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of substituted pyrroles. 2,382,915; Aug. 14.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of pyrrole derivatives. 2,382,916; Aug. 14.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new pyrrole derivatives. 2,382,917; Aug. 14.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Water-repellency agents and making and using the same. 2,386,140; Oct. 2.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Treating textile materials. 2,386,141; Oct. 2.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Quaternary ammonium salts and making the same. 2,386,142; Oct. 2.
Rogers, Maurice A. T., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Treating textile materials. 2,386,143; Oct. 2.
Rogers, Orville R.: *See*—
Dickson, J. J., and Rogers.
Rogers, Roger M., Birmingham, and A. M. Walker, Dearborn, assignors to C. E. Rogers Company, Detroit, Mich. Conveyer mechanism. 2,381,185; Aug. 7.
Rogers, Samuel D., P. J. Rudolph, and W. L. Crawford, assignors to Olive S. Petty, San Antonio, Tex. Spray deflector for shot holes. 2,387,770. Oct. 30.
Rogers, Thomas A.: *See*—
Schroder, W. L., and Rogers.
Rogers, William E., Beaumont, Tex. Stud bolt guard. 2,368,570; Jan. 30.
Rogerson, Brooks E., Chagrin Falls, Ohio. Back rest for beds. 2,387,357; Oct. 23.
Rogne, Carl T., Milwaukee, Wis. Holder for chalk lines and the like. 2,366,755; Jan. 9.
Rogoff, Julian, New Rochelle, N. Y., assignor to Burndy Engineering Company, Inc. Tool installed cable terminal and making same. 2,371,469; Mar. 13.
Rogos, Morris, Jackson Heights, N. Y. Diamond holding tool. 2,390,175; Dec. 4.
Rogover, Sam, Chicago, Ill. Dental liner. 2,377,041; May 29.
Rogovin, Abraham T., New Haven, Conn. Container and applicator for wax or the like. 2,389,276; Nov. 20.
Rogowski, Augustus R., Needham, Mass. Dynamometer. 2,373,262; Apr. 10.
Rohdin, Howard A., Glen Ridge, N. J. Hermetically sealed package. 2,372,452; Mar. 27.
Rohdin, Howard A., Glen Ridge, N. J. Bag and filling same. 2,373,340; Apr. 10.
Rohdin, Howard A., Glen Ridge, N. J. Sewed double side seam bag. 2,378,503; June 19.
Rohl, Robert R., Menasha, assignor of one-half to N. E. Brokaw, Sr., Appleton, Wis. Woodworking. 2,370,918; Mar. 6.
Rohlen, Arthur W., assignor to Marvel Auto Signal Co., Inc., Minneapolis, Minn. Vehicle turn indicator. 2,372,395; Mar. 27.
Röhm & Haas Company: *See*—
Bartoe, W. F., and Speck, assignors.
Bock, L. H., and Houk, assignors.
Bruson, Herman A., assignor.
Craig, W E, and Hester, assignors.
Haas, Fritz O., assignor.
Helwig, Edward L., assignor.
Hester, W. F., and Craig, assignors.
Hollander, Charles S., assignor.
Neher, H. T., and Conn, assignors.
Neher, H. T., and Kelton, assignors.
Spence, Le Roy U., assignor.
Spence, Le R. U., Butterbaugh, and Kroeker, assignors.
Spence, Le R. U., and Haas, assignors.
Spence, L. U., and Haas, assignors.
Spence, L. U., and Mitchell, assignors.
Stallings, James W., assignor.
Sumner, John K., assignor.
Rohr Aircraft Corporation: *See*—
Hite, Jess L., assignor.
Rohr, Fred H., San Diego, Calif. Rotary combustion engine. 2,382,259; Aug. 14.
Rohrig, Ignatius A., and N. A. Kerstein, Detroit, Mich. Manufacture of diamond tools. 2,382,666; Aug. 14.
Rohrmann, Charles A.: *See*—
Hurt, D. M., and Rohrmann.
Rohrmann, Ewald: *See*—
Shonle, H. A., and Rohrmann.
Roitman, Jamie, Rosario, Argentina. Perpetual calendar. 2,369,917; Feb. 20.
Rojahn, Frederick C., Brooklyn, N. Y. Safety razor. 2,376,276; May 15.
Roko Corporation: *See*—
Coberly, Clarence J., assignor.
Roland, John R.: *See*—
Hanford, W. E., and Roland.
Hanford, W. E., Roland, and Young.
Roland, John R., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of ethylene with vinyl esters and products therefrom. 2,386,347; Oct. 9.
Rolfsen, George B., assignor of one-half to D. Cohn, Indianapolis, Ind. Waste reclamation. 2,386,267; Oct. 9.
Rolfson, Francis B.: *See*—
Penther, C. J., and Rolfson.
Rolker, Edwin, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Article weighing and handling apparatus. 2,385,882; Oct. 2.
Rolland, Guy F., McKeansburg, Pa., assignor to Atlas Powder Company, Wilmington, Del. Ignition composition. 2,388,368; Nov. 6.

Rolland, Herman J., Montreal, Quebec, Canada. Cable clamp. 2,368,326; Jan. 30.
Rolle, Clifford J., Yonkers, assignor to Interchemical Corporation, New York, N. Y. Bronzing lacquer. 2,384,493; Sept. 11.
Rolling & Engraving Mills, Inc.: *See*—
Frommer, Joseph C., assignor.
Rollings, James N., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulation cutting tool. 2,386,328; Oct. 9.
Rollins, Cecil B., South Berwick, Maine. Ski hinge. 2,367,528; Jan. 16.
Rollins, Jackson H.: *See*—
Hatch, W. E., and Rollins.
Rollman, Walter F., Cranford, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Chemical process. 2,377,107; May 29.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,366,356; Jan. 2.
Rollway Bearing Co., Inc.: *See*—
Kaye, Hubert E., assignor.
Kilian, Rudolph R., assignor.
Rolph, Samuel F., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door lock. 2,377,301; May 29.
Rolscreen Company: *See*—
Kuyper, Peter H., assignor.
Roman, John, Reading, assignor to Trimmings, Inc., Lawrence, Mass. Footwear. 2,369,254; Feb. 13.
Roman, Walter G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Molded lightning-arrester block. 2,376,815; May 22.
Romanelli, Emilio, Bloomfield, and F. E. Sutter, West Caldwell, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for heat treatment. 2,367,617; Jan. 16.
Romanoski, Joseph A. E., Huntington, N. Y. Tap. 2,389,548; Nov. 20.
Romberg, Arnold: *See*—
LaCoste, L. J. B., and Romberg.
Romberg, Conrad J., Gainesville, Ga. Liquid flow or level controller. 2,376,623; May 22.
Rome Plow Company: *See*—
McKay, Augusta P., assignor.
Romec Pump Company: *See*—
Walwin, L. Davis, assignor.
Römer, Otto, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Polarized relay. 2,375,586; May 8.
Ronci, Fernando M., Providence, R. I. Immersing and centrifuging unit. 2,387,299; Oct. 23.
Ronci, Fernando M., Providence, R. I. Means for mounting work in casings for dipping and centrifuging. 2,387,300; Oct. 23.
Ronci, Victor L.: *See*—
Clark, J. F., Fay, and Ronci.
Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,388,289; Nov. 6.
Rondinone, Joseph F., assignor of one-fourth to W. C. Rondinone, Wethersfield, Conn. Inside micrometer. 2,384,343; Sept. 4.
Rondinone, Winifred C.: *See*—
Rondinone, Joseph F., assignor.
Ronning, Henry O., Minneapolis, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,383,819; Aug. 28.
Ronning, Martin, St. Louis Park, and K. M. Keith, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Combine steering mechanism. 2,390,273; Dec. 4.
Ronson Art Metal Works, Inc.: *See*—
Evans, Fred, assignor.
Rood, William B., Des Moines, Iowa. Guard for window or door openings. 2,369,493; Feb. 13.
Roofe, Elmer L., Houston, Tex. Rotatable center for lathes and grinders. 2,366,806; Jan. 9.
Rooney, Elwin H., Buttonwoods, R. I. Drafting textile fiber. 2,387,091; Oct. 16.
Rooney, James H., R. S. Locke, and P. R. Hawtin, Spondon, near Derby, assignors to British Celanese Limited, London, England. Sheets or plates, etc. 2,374,308; Apr. 24.
Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Motor vehicle. 2,367,434; Jan. 16.
Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Towing device. 2,378,504; June 19.
Roosen, H. D., Company: *See*—
Bernstein, I. M., and Lanson, assignors.
Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet transfer mechanism. 2,367,529; Jan. 16.
Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Inking mechanism for printing presses. 2,377,269; May 29.
Root, Charles S., Fairfield, Conn., assignor to General Electric Company. Radio receiver. 2,366,559; Jan. 2.
Root, Frank B., Montclair, N. J., assignor to Ellis-Foster Company. Drying oil products and making. 2,374,381; Apr. 24.
Root, Frank B., and C. W. Virgin, Montclair, N. J., assignors to Ellis-Foster Company. Furfuryl alcohol resin and making. 2,368,426; Jan. 30.
Root, Joseph M., assignor to H. C. and V. Johns and W. E. and L. Davison, co-partners, doing business as Park Manufacturing Company, Detroit, Mich. Swaging machine. 2,381,559; Aug. 7.
Root, Nathan, Grand Rapids, Mich. Fur cleaning machine. 2,388,619; Nov. 6.
Roper, Charles G.: *See*—
Carliss, O. S., and Roper.
Roper, Charles G., Fairfield, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Weighing capacity exhibitor. 2,369,179; Feb. 13.
Roper, Charles G., Bridgeport, assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Cycle controlled switching device. 2,370,686; Mar. 6.
Roper, Edwin E., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical surveying. 2,374,135; Apr. 17.
Roper, George, Washington, D. C. Die stock. 2,388,290; Nov. 6.
Roper, Geo. D., Corporation: *See*—
Hennessy, John F., assignor.
Hobson, Stanley H., assignor.
Hobson, S. H., and Ring, assignors.
Jensen, Lionel R., assignor.
Larson, Swan E., assignor.
Roper, John M., Washington, D. C. Approach light. 2,386,268; Oct. 9.
Roper, Walter F., Longmeadow, Mass. Magazine safety for automatic firearms. 2,372,519; Mar. 27.
Roquemore, Glen F., assignor to Wingfoot Corporation, Akron, Ohio. Rubber-to-metal adhesions. 2,381,186; Aug. 7.
Rosa, Anthony G., Lyndhurst, N. J. Electrode. 2,366,459; Jan. 2.
Rosa, Anthony G., Lyndhurst, N. J. Lipstick holder. 2,379,105; June 26.
Rosaire, Esme E.: *See*—
Horvitz, Leo, assignor.
Rosan, Joseph, North Hollywood, Calif. Tubular insert. 2,370,327; Feb. 27.
Roscoe, Edwin S., Cleveland, Ohio, assignor to Yawman and Erbe Mfg. Co., Rochester, N. Y. Index equipment and progressively adjustable signaling means for use therein. 2,370,074; Feb. 20.
Rose, Alfred G.: *See*—
Johnson, L. G., and Rose.
Rose, Alfred G., et al.: *See*—
Scott, Philip B.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Gluing means for packaging machinery. 2,370,583; Feb. 27.
Rose, Arnold L., Larchmont, N. Y. Gas range. 2,387,809; Oct. 30.
Rose Brothers Limited: *See*—
Kay, James A., assignor.
Rose Brothers (Gainsborough) Limited: *See*—
Johnson, L. G., and (Rose, assignor).
Rose, Alfred G., assignor.
Scott, P. B., (Rose, and Curtis, assignors).
Rose, Charles S., Agency, Iowa. Combination grinder and tool dresser. 2,389,871; Nov. 27.
Rose, David, Chicago, Ill. Conveyer. 2,391,272; Dec. 18.
Rose. Edward, Dunkirk, N. Y. Attachment for scissors or shears. 2,380,075; July 10.
Rose, Edwin L., Woodbury, Conn. Power transmission. 2,382,027; Aug. 14.
Rose, Herbert A., Pittsburgh 21, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,370,075; Feb. 20.
Rose, Herbert A., Pittsburgh 21, and J. H. Cox, Forest Hills, assignors to Westinghouse Electric Corporation. Vapor-electric device. 2,387,946; Oct. 30.
Rose, Herbert W., Cristobal, C. Z. Engine. 2,383,565; Aug. 28.
Rose, Howard E., Normandy, Mo., assignor to Curtiss-Wright Corporation. Automatic pump selector valve. 2,387,531; Oct. 23.
Rose, Jess C.: *See*—
Dircksen, A. D., Bardwell, and Rose.
Rose, Jess C., assignor to Bardwell & McAlister, Inc., Los Angeles, Calif. Studio spot lamp. 2,368,781; Feb. 6.
Rose, Jess C., and G. E. Stankey, assignors to Bardwell & McAlister, Los Angeles, Calif. Pinch type bending roll method and means. 2,390,274; Dec. 4.
Rose, John J., Dayton, Ohio. Spark plug construction. 2,375,822; May 15.
Rose. Joseph K., Chicago, Ill. Television receiver. 2,368,882; Feb. 6.
Rose, Luther S., Honolulu, Hawaii. Transmitting system. 2,375,587; May 8.
Rose, Luther S., San Antonio, Tex. Autointerpregraph signal recorder. 2,375,588; May 8.
Rose, William, assignor to Taylor Fibre Company, Norristown, Pa. Mold. 2,368,327; Jan. 30.
Rose, William H., Jersey City, N. J. Blade holding device. 2,374,502; Apr. 24.

Rosegard, Dora, Seattle, Wash. Fish lure. 2,373,417; Apr. 10.
Rosehill, Joseph A., assignor to American Lady Corset Company, Detroit, Mich. Garment. 2,386,909; Oct. 16.
Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 2,371,546; Mar. 13.
Roseman, Leo, Newark, N. J. Compensating garter. 2,377,651; June 5.
Roseman, Leo, assignor to Prime Fastener Company, Newark, N. J. Tape for adjustable fasteners. 2,370,754; Mar. 6.
Roseman, Reuben, and H. Eisenberg, assignors, by mesne assignments, to C. H. Burton, Baltimore, Md. Magnesium silicates and making same. 2,384,563; Sept. 11.
Roseman, Reuben, and H. Eisenberg, assignors, by mesne assignments, to C. H. Burton, Baltimore, Md. Magnesium silicate suspensions and making same. 2,384,564; Sept. 11.
Rosen, Oscar E.: *See*—
Stanton, Walter O., assignor.
Rosen, Oscar E., Detroit, Mich. Dual duplicator. 2,372,604; Mar. 27.
Rosen, Oscar E., Detroit, Mich. Hydraulic tracer. 2,379,037; June 26.
Rosen, Oscar E., Detroit, Mich. Hand-feed control means for duplicating machines. 2,384,196; Sept. 4.
Rosen, Raphael, Elizabeth, and E. Arundale, Colonia, N. J., assignors to Standard Oil Development Company. Reactions of tertiary olefins with aldehydes. 2,368,494; Jan. 30.
Rosen, Sidney, et al.: *See*—
Pitar, Adolph, assignor.
Rosenberg, Adolph H., et al.: *See*—
Mayer, Richard, assignor.
Rosenberg Bros. & Co.: *See*—
Baerwald, Francis K., assignor.
Rosenberg, Gordon W., Elkins Park, Pa. Fabric construction. 2,390,462; Dec. 4.
Rosenberg, Hans R.: *See*—
Calcott, W., S., Waddell, and Rosenberg.
Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of provitamins. 2,369,918; Feb. 20.
Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 7-dehydro sterols. 2,376,816; May 22.
Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of ketaldones. 2,376,817; May 22.
Rosenberg, Hans R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical processes. 2,386,635; Oct. 9.
Rosenberg, Hans R., and S. G. Turnbull, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterol and steroid esters. 2,375,873; May 15.
Rosenberg, Hans R., and S. G. Turnbull, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sterol and steroid derivatives. 2,375,874; May 15.
Rosenberg, Hans R., and S. G. Turnbull, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. New sterol derivatives. 2,386,636; Oct. 9.
Rosenberg, Joseph L. S., assignor to Yudell Realty Corporation, Brentwood, N. Y. Razor sharpener. 2,372,121; Mar. 20.
Rosenberg, Lea S., et al.: *See*—
Mayer, Richard, assignor.
Rosenberg, Philip, New York, N. Y. Revolving bin. 2,371,917; Mar. 20.
Rosenberg, Samuel M., et al.: *See*—
Mayer, Richard, assignor.
Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Liquid level gauge. 2,368,616; Feb. 6.
Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Control valve. 2,370,076; Feb. 20.
Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,369,408; Feb. 13.
Rosenblum, Nathan, University City, Mo. Hose rack. 2,367,141; Jan. 9.
Rosenblum, Solomon, Princeton, N. J., assignor to Canadian Radium & Uranium Corporation, New York, N. Y. Apparatus and method for utilizing ionizing radiations. 2,383,820; Aug. 28.
Rosenbrook, Freddie V., Chicago, Ill. Electric hammer. 2,387,771; Oct. 30.
Rosencrans, Charles A., Sewell, N. J., assignor to Radio Corporation of America. High frequency generator. 2,368,328; Jan. 30.
Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. High frequency generator. 2,368,329; Jan. 30.
Rosencrans, Charles A., Haddonfield, N. J., assignor to Radio Corporation of America. Resonance indicating apparatus. 2,380,791; July 31.
Rosendahl, Charles E., and O. Loeser, Jr., United States Navy. Method and apparatus for mooring airships. 2,386,814; Oct. 16.
Rosenfeld, George J.: *See*—
Lobasso, Vincent, assignor.
Rosenfeld, Jack, New York, N. Y. Decorative material and applying the same. 2,371,318; Mar. 13.
Rosengren, Bernhard, assignor to The United States Time Corporation, Waterbury, Conn. Device for feeding pinion blanks. 2,389,083; Nov. 13.
Rosenheim, David, New York, N. Y., assignor to Lapin Products, Inc., Newark, N. J. Spectacles. 2,379,928; July 10.
Rosenlund, Victor E., Paxton, and C. S. Fuzak, assignors to Reed-Prentice Corporation, Worcester, Mass. Pressure exerting mechanism. 2,371,547; Mar. 13.
Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Gas purification and separation process. 2,368,600; Jan. 30.
Rosenstengel, Bernard L., Brisbane, Queensland, Australia. Apparatus for producing power. 2,385,943; Oct. 2.
Rosenthal, Adolph H., assignor, by mesne assignments, to Scophony Corporation of America, New York, N. Y. Television receiver. Re. 22,628; Apr. 10.
Rosenthal, Allan, Brooklyn, N. Y. Decorative article and making same. 2,377,042; May 29.
Rosenthal, Charles, New York, N. Y. Knockdown collapsible wardrobe. 2,381,464; Aug. 7.
Rosenthal, Charles, New York, N. Y. Knockdown collapsible closet. 2,383,512; Aug. 28.
Rosenthal, Charles, New York, assignor to Frank M. Katz, Scarsdale, N. Y. Knockdown shelving structure. 2,366,676; Jan. 2.
Rosenthal, Charles, New York, assignor to F. M. Katz, Scarsdale, N. Y. Shelf structure. 2,366,677; Jan. 2.
Rosenthal, Jack, Brooklyn, N. Y. Automatic tapping and threading machine. 2,389,998; Nov. 27.
Rosenthal, Leon, assignor to Guild Manufacturing Company, Baltimore, Md. Tool for applying electrical and telephone tip terminals. 2,369,180; Feb. 13.
Rosenthal, Manuel G., New York, N. Y. Article of headdress. 2,372,911; Apr. 3.
Rosenthal, Nathan, Newton, Mass. Universal shoe fixture for orthopedic attachments. 2,382,821; Aug. 14.
Rosenthal, William C.: *See*—
Hitchcock, R. B., and Rosenthal.
Rosenzweig, Siegfried, New York, and S. Cherry, Lake Success, N. Y.; said Cherry assignor to said Rosenzweig. Machinery base. 2,378,106; June 12.
Rosin, Jacob, New York, N. Y. Treatment of sterols. 2,391,743; Dec. 25.
Rosner, Juda, Brooklyn, N. Y. Instrument for grinding and polishing diamonds. 2,383,619; Aug. 28.
Ross, Albert W.: *See*—
Hicks, H. A., Johnson, and Ross.
Ross, Andrew, Toronto, assignor to L. H. Andrews, Weston, Ontario, Canada. Thread cutting attachment for lathes and the like. 2,378,659; June 19.
Ross, Chandler C.: *See*—
Gilman, J. N., and Ross.
Ross, Charles R., Vancouver, British Columbia, Canada. Toothbrush receptacle. 2,366,876; Jan. 9.
Ross, David J., Benton Harbor, Mich. Lamp, lamp shade, and lamp shade holder. 2,387,857; Oct. 30.
Ross, Donald C., executor, et al.: *See*—
Burt, John W.
Ross Gear & Tool Company: *See*—
Creson, William K., assignor.
Ross, Harry A., Calgary, Alberta, Canada. Vacuum bottle cup. 2,373,917; Apr. 17.
Ross, J. O., Engineering Corporation: *See*—
Montgomery, Alvin E., assignor.
Ross, J. O., and Gschwind, assignors.
Ross, James F., Laredo, Tex. System of pumping wells. 2,390,124; Dec. 4.
Ross, James P., Girvin, Saskatchewan, Canada. Razor blade sharpener. 2,373,853; Apr. 17.
Ross, James W., assignor to Hazel-Atlas Glass Company, Washington, Pa. Glass feeder. 2,390,176; Dec. 4.
Ross, John: *See*—
Arrowsmith, C. J., and Ross.
Keim, G. I., and Ross.
Turck, J. A. V., Jr., and Ross.
Ross, John, New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Resin purification. 2,369,409; Feb. 13.
Ross, John, Ramsey, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap preparation. 2,381,368; Aug. 7.
Ross, John O., New York, and J. F. Gschwind, Scarsdale, assignors to J. O. Ross Engineering Corporation, New York, N. Y. Drier. 2,391,195; Dec. 18.
Ross, Justin E., Kansas City, Mo. Razor. 2,370,815; Mar. 6.
Ross, Walter F., Detroit, Mich., assignor to The Fellows Gear Shaper Company and to Jones & Lamson Machine Company, Springfield, Vt. Method and apparatus for making solid objects from metal powder. 2,372,605; Mar. 27.
Ross, Walter F., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Machine for honing tooth grooves of gear finishing tools. 2,389,549; Nov. 20.
Ross, William, Surbiton, England. Grizzly and screen for grading materials. 2,367,964; Jan. 23.
Ross, William B., Evanston, W. J. Backoff, Elmhurst, and N. D. Williams, assignors to The Pure Oil Company, Chicago, Ill. Lubricant. 2,371,319; Mar. 13.

Ross, William B., Evanston, and K. Boldt, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel. 2,371,355; Mar. 13.

Ross, William E.: *See*—
Anderson, J., McAllister, and Ross.
Crawford, C. C., and Ross.

Ross, William E., Berkeley, S. H. McAllister, Lafayette, and J. Anderson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic agents. 2,370,195; Feb. 27.

Ross, William E., and T. Vermeulen, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isomerizing hydrocarbons. 2,379,749; July 3.

Ross, William E., Oakland, and P. Pezzaglia, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Cycloparaffin production. 2,382,445; Aug. 14.

Ross, William E., Berkeley, and P. Pezzaglia, Oakland, assignors to Shell Development Company, San Francisco, Calif. Cycloparaffin production. 2,382,446; Aug. 14.

Ross, William E., Berkeley, and P. Pezzaglia, Oakland, assignors to Shell Development Company, San Francisco, Calif. Cycloparaffin production. 2,385,543; Sept. 25.

Ross, William E., Berkeley, S. H. McAllister, Lafayette, and J. Anderson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic alkylation process. 2,389,550; Nov. 20.

Ross, William H., E. S. Shipley, and J. F. Mullins, Washington, D. C., and J. O. Hardesty, Hyattsville, Md., assignors to the United States of America as represented by the Secretary of Agriculture. Laboratory hammer mill. 2,391,480; Dec. 25.

Rossander, Swanie S.: *See*—
Reynolds, W. B., Rossander, and Kvalnes,

Rossell, William T., St. Louis, Mo., assignor to Transit Research Corporation, New York, N. Y. Car body construction. 2,372,396; Mar. 27.

Rosselot, Clifford L., Owensville, Ohio. Powdered limestone spreader and the like. 2,369,755; Feb. 20.

Rossi, Irving: *See*—
Rossmann, Peter F., assignor.

Rossier, John D.: *See*—
Pearne, F. Y., and Rossier.

Rossiter, William D., Toledo, Ohio. Cabinet locking means. 2,374,898; May 1.

Rossman, Allen M., Wilmette, Ill. Pull rod carrier. 2,370,687; Mar. 6.

Rossman, Allen M., Wilmette, Ill. Internal-combustion engine. 2,374,460; Apr. 24.

Rossman, Allen M., Wilmette, Ill. Easel. 2,376,452; May 22.

Rossman, Allen M., Wilmette, Ill. Pull rod carrier. 2,390,177; Dec. 4.

Rossman, Edwin F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,379,750; July 3.

Rossman, Peter F., Snyder, N. Y. Rivet squeezer and the like. 2,383,082; Aug. 21.

Rossmanith, Wolfgang, Solothurn, Switzerland; vested in the Alien Property Custodian. Automatic shoulder firearm adapted to be used in carriages. 2,376,726; May 22.

Rossmanith, Wolfgang, Solothurn, Switzerland; vested in the Alien Property Custodian. Gun carriage. 2,376,849; May 22.

Rossmanith, Wolfgang, Solothurn, Switzerland; vested in the Alien Property Custodian. High-speed planer. 2,387,612; Oct. 23.

Rossmann, Peter F., Snyder, N. Y., assignor to I. Rossi, West Orange, N. J. Skin fastener. 2,369,410; Feb. 13.

Rossmann, Peter F., Buffalo, N. Y., assignor to Irving Rossi, West Orange, N. J. Clamping device. 2,371,470; Mar. 13.

Rost, Helge F.: *See*—
Söderström, N. M. G., and Rost.

Rostler, Fritz, and L. Bornstein, assignors to Wilmington Chemical Corporation, Wilmington, Del. Coating compositions. 2,371,652; Mar. 20.

Rostone Corporation: *See*—
Jones, P. W., and Swezey, assignors.

Roswell, Charles A., Newburgh, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,384,861; Sept. 18.

Rotary Seal Company: *See*—
Meyer, Walter W., assignor.

Rotax Limited: *See*—
Baines, John A., assignor.
de Guerin, Joseph D. S., assignor.
Hulbert, I. J., and Tatlow, assignors.
Robinson, E. E., and Barrington, assignors.
Tatlow, P., and Hulbert, assignors.

Roten, Henry G., Houston, Tex. Scaffold. 2,383,163; Aug. 21.

Rotermund, Maynard A.: *See*—
Kennedy, H. E., and Rotermund.

Roters, Herbert C., Roslyn, N. Y., assignor to Fairchild Aviation Corporation. Electrical control system. 2,390,463; Dec. 4.

Roth, Andrew, Philadelphia, Pa. Convertible couch. 2,377,374; June 5.

Roth, Augusta, Cleveland, Ohio. Corset-type garment. 2,380,266; July 10.

Roth, Jay M., Euclid, Ohio, assignor to Pesco Products Co. Multiple discharge pump. 2,368,883; Feb. 6.

Roth, Joseph N.: *See*—
Schurtz, R. E., and Roth.

Roth, Joseph N., Belding, assignor, by mesne assignments, to Montcalm, Incorporated, Greenville, Mich. Refrigerator. Re. 22,680; Oct. 9.

Roth, Joseph N., Belding, Mich., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator valve. 2,372,684; Apr. 3.

Roth, Murray H., Brooklyn, N. Y., assignor to The Richards Chemical Works, Jersey City, N. J. Compositions for the treatment of fibrous material. 2,372,985; Apr. 3.

Roth, Robert N., Akron, Ohio. Position setting device. 2,369,690; Feb. 20.

Rothauser, Eugene, New York, N. Y. Diamond polishing and grinding device. 2,382,099; Aug. 14.

Rothenberg, Irving, S. Kagen, and S. J. Gurewitz, New York, N. Y.; said Gurewitz assignor to said Kagen and said Rothenberg. Method of and apparatus for fabricating shoulder pad blanks. 2,389,934; Nov. 27.

Rothenthaler, Nicholas E.: *See*—
Sorensen, C. E., McCarroll, and Rothenthaler.

Rotheraine, Jerome H., Philadelphia, Pa. Garment hanger. 2,383,083; Aug. 21.

Rothfuss, John: *See*—
Timm, R. C., and Rothfuss.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic reaction of isocyanates with organic compounds. 2,374,136; Apr. 17.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed esters. 2,381,881; Aug. 14.

Rothrock, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins and coating compositions containing them. 2,381,884; Aug. 14.

Rothstein, Barney, assignor to Old Fashion Ma's Root Beer Bottling Company, Wilkes-Barre, Pa. Bottle carrier. 2,371,471; Mar. 13.

Rothstein, Jerome, Belmar, N. J. Microphonic electron tube. 2,389,935; Nov. 27.

Rothwell, John J.: *See*—
Houghton, L. S., and Rothwell.

Rothwell, John J., Elkhart, and L. B. Wagner, assignors to Penn Electric Switch Co., Goshen, Ind. Burner control system. 2,367,059; Jan. 9.

Rotol Limited: *See*—
Brierley, Walter, assignor.
Fairhurst, Leonard G., assignor.

Rotor Tool Company, The: *See*—
Emery, William M., assignor.
Sturrock, James, assignor.

Rototiller, Inc.: *See*—
Kelsey, Cadwallader W., assignor.
Riddle, Raymond R., assignor.

Rott, Frank R., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Scale printing apparatus. 2,382,174; Aug. 14.

Rotter, Lutwin C., Maplewood, assignor to Lincoln Engineering Company, St. Louis, Mo. Pump mechanism. 2,387,684; Oct. 23.

Rotter, Lutwin C., Maplewood, and V. G. Klein, A. D. Reisert, and R. F. Schneller, assignors to Lincoln Engineering Company, St. Louis, Mo. Pump. 2,366,654; Jan. 2.

Rotter, Lutwin C., Maplewood, and V. G. Klein, assignors to Lincoln Engineering Company, St. Louis, Mo. Swivel joint. 2,378,329; June 12.

Rottman, George, Brooklyn, N. Y. Carton. 2,386,407; Oct. 9.

Rottmer, Henry E., Washington, D. C. Boat gear. 2,368,728; Feb. 6.

Rouan, Francis J.: *See*—
Burckhardt, A., and Rouan.

Rouan, Francis J., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Register actuator. 2,370,919; Mar. 6.

Rouault, George F.: *See*—
Smith, L. I., and Rouault.

Rougemont, René L.: *See*—
Melvin, W. T., and Rougemont.

Rougemont, René L., and J. B. Wilson, assignors to Reed-Prentice Corporation, Worcester, Mass. Milling machine. 2,384,133; Sept. 4.

Roughsedge, Robert H.: *See*—
Gibbs, B. C., and Roughsedge.

Roumillat, Carl H., Neptune Beach, Fla. Collapsible crate. 2,378,505; June 19.

Roumillat, Forest P., Orlando, Fla. Charge forming device. 2,370,261; Feb. 27.

Round, David, & Son: *See*—
Martin, Charles C., assignor.

Roundy, Zola D., Chicago, and H. L. Keil, Clarendon Hills, assignors to Armour and Company, Chicago, Ill. Making cheese. 2,370,878; Mar. 6.

Roundy, Zola D., Chicago, and H. L. Keil, Clarendon Hills, assignors to Armour and Company, Chicago, Ill. Making cheese. 2,370,879; Mar. 6.

Rous, Arthur, New York, N. Y. Carton and carton blank. 2,379,038; June 26.

Rous, Arthur, New York, N. Y. Carton and carton blank. 2,390,392; Dec. 4.
Rouse, Lillian M., assignor to Cohn-Hall-Marx Co., New York, N. Y. Garment. 2,371,778; Mar. 20.
Rouse, William H., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for motor-driven printing presses and other machines. 2,387,358; Oct. 23.
Rousseau, Claude, Montmagny, Quebec, Canada. Combined supporting ring and safety closure device for fire extinguishers. 2,379,378; June 26.
Rousseau, William C., Reading, assignor to E. B. Badger & Sons Co., Boston, Mass. Countercurrent contacting apparatus. 2,378,952; June 26.
Rousso, Jacques: *See*—
Cooper, Earl H., assignor.
Routh, Almond C., Sandusky, Ohio. Apparatus for making flavored confections. 2,389,084; Nov. 13.
Roux, Grace E., Hanford, Calif. Drinking tube holder. 2,378,660; June 19.
Roux, John A., Springdale, Conn., assignor, by mesne assignments, to Rouxite Company. Cellulose derivatives and preparing the same. 2,369,411; Feb. 13.
Rouxite Company: *See*—
Roux, John A., assignor.
Rouy, Auguste L. M. A., New York, N. Y., assignor to Gyro-Balance Corporation, Greenwich, Conn. Isostatic balancing. 2,376,277; May 15.
Rover Company Limited, The: *See*—
Scott-Iversen, Poul A., assignor.
Rowe, Alvin V., Galesburg, Ill., assignor to Rowe Manufacturing Company. Overhead door construction. 2,391,845; Dec. 25.
Rowe, Andrew R., McKeesport, assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Casting ingot. 2,366,289; Jan. 2.
Rowe, Andrew R., McKeesport, assignor to National Tube Company, Pittsburgh, Pa. Producing steel billets. 2,371,356; Mar. 13.
Rowe, Donald C., Snyder, and S. T. Payne, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Bomb installation. 2,386,348; Oct. 9.
Rowe, Fred W., Seattle, Wash. Milling machine. 2,373,341; Apr. 10.
Rowe, Irving R., Westerly, R. I., assignor to Davis & Furber Machine Company, North Andover, Mass. Spinning frame. 2,373,263; Apr. 10.
Rowe, Jean E.: *See*—
Rowe, Julian F. and J. E.
Rowe, Julian F. and J. E., Stewart Manor, Long Island, N. Y. Rate of rise circuit contact operating device. 2,388,645; Nov. 6.
Rowe Manufacturing Company: *See*—
Rowe, Alvin V., assignor.
Rowland, Clarence G., Newington, assignor to The Fuller Brush Company, Hartford, Conn. Dabbing brush. 2,367,650; Jan. 16.
Rowland, Forrest D., Dallas, Tex. Composite boat construction. 2,384,966; Sept. 18.
Rowley, Robert D., et al.: *See*—
Seymour, G. W., Martin, and Rowley.
Rowsey, Luther B., Houston, Tex. Oil well pump. 2,366,807; Jan. 9.
Rowsey, Robert A., Gary, Ind. Rotary shear pin drive. 2,388,186; Oct. 30.
Roxs, Frank L., Evanston, Ill. Slip-on interlocking washer and nut securing device. 2,374,309; Apr. 24.
Roy, Albert E., Los Angeles, Calif. Fluid compressor. 2,374,235; Apr. 24.
Roy, Clyde E., Houston, Tex. Hydraulic safety brake system. 2,388,706; Nov. 13.
Roy, Herbert, New York, N. Y. Garment construction. 2,367,843; Jan. 23.
Royal, Celestian L., Toledo, Ohio, assignor to International Minerals & Chemical Corporation. Manufacture of glutamic acid. 2,373,342; Apr. 10.
Royal, James M.: *See*—
Childress, W. C., and Royal.
Royal Lace Paper Works: *See*—
Roehm, William A., assignor.
Royal Mounters: *See*—
Viglietta, Michael J., assignor.
Royal, Robert R: *See*—
Mays, F. R., and Royal.
Royal Typewriter Company, Inc.: *See*—
Kittel, John J., assignor.
Kupper, William H., assignor.
Royer, James T., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Storage tank. 2,378,159; June 12.
Royer, Leslie W., Pawhuska, assignor to Skelly Oil Company, Tulsa, Okla. Desulphurizing hydrocarbons. 2,379,654; July 3.
Rozesky, Leo F.: *See*—
McMullen, J. Rozesky, and McMullen.
Rozier, Louis J., Kirkwood, assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric lighting fixture. 2,375,589; May 8.
Ruau, Félix F., assignor to Moline Machine Company, Limited, Deptford, London, England. Apparatus for feeding cut tobacco. 2,367,060; Jan. 9.
Ruau, Félix F., London S. E. 8, assignor to Moline Machine Company, Limited, London, England. Testing, sorting, or grading apparatus. 2,376,556; May 22.
Rubatex Products, Inc.: *See*—
Cooper, Alfred, assignor.
Pfleumer, Hans, assignor.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,373,418; Apr. 10.
Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Thread take-up for sewing machines. 2,391,517; Dec. 25.
Rubel, Max J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Disconnecting contact. 2,376,818; May 22.
Ruben, Samuel: *See*—
Williams, Fred D., Jr., assignor.
Ruben, Samuel, New Rochelle, N. Y. Variable electrical resistor. 2,375,178; May 1.
Ruben, Samuel, New Rochelle, N. Y. Dielectric. 2,378,160; June 12.
Ruben, Samuel, New Rochelle, N. Y. Electrodeposition, method and apparatus. 2,387,772; Oct. 30.
Ruben, Samuel, New Rochelle, N. Y. High frequency ignition system. 2,389,637; Nov. 27.
Ruben, Samuel, New Rochelle, N. Y. Ignition system. 2,389,638; Nov. 27.
Ruben, Samuel, New Rochelle, N. Y. High frequency ignition system. 2,389,640; Nov. 27.
Rubenstein, Jacob H., and L. J. De Martino, Syracuse, N. Y. Starting device for fluorescent tubes. 2,372,295; Mar. 27.
Rubenstein, Samuel S., New Haven, Conn., now by judicial change of name Samuel S. Roberts. Broiler. 2,386,815; Oct. 16.
Rubery Owen & Co. Limited: *See*—
Pedley, Arthur, assignor.
Rubey, William W.: *See*—
Fahey, J. J., Fleischer, and Rubey.
Rubidge, David W., Chatham, N. J., C. R. Manning, Vestal, J. D. Hood, Endicott, N. Y., and J. B. Greene, New Brunswick, N. J., assignors to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,379,828; July 3.
Rubin, Benjamin, Chicago, Ill. Hair curler. 2,376,385; May 22.
Rubin, Joseph L., New York, N. Y. Hydraulic pile driving apparatus. 2,367,890; Jan. 23.
Rubin, Louis C.: *See*—
Solomon, E., Passino, and Rubin.
Rubin, Martin I.: *See*—
Sobotka, H. H., and Rubin.
Rubin, Morris L., Newark, N. J. Carpet sweeper. 2,371,918; Mar. 20.
Rubin, Noah, assignor to National Plastics Corporation, New York, N. Y. Interlinked plate structure. 2,372,520; Mar. 27.
Rubissow, George A.: *See*—
Arkus-Duntov, Z., and Rubissow.
Masloff, Alexander D., assignor.
Rubissow, George A., New York, N. Y. Damper for flexional vibrations. 2,370,880; Mar. 6.
Rubissow, George A., New York, N. Y. Mirror-sight aiming device. 2,374,956; May 1.
Rubissow, George A., New York, N. Y. Vibration damper. 2,379,255; June 26.
Rubissow, George A., New York, N. Y. Accelerator pedal device. 2,382,918; Aug. 14.
Rubly, William, Indianapolis, Ind. Well casing cap. 2,390,393; Dec. 4.
Rubner, Gustave, Tuckahoe, N. Y. Composition and method for marking base materials. 2,368,161; Jan. 30.
Rucker, John T.: *See*—
Sconce, J. S., Rucker, Whitmire, and Schoonover.
Rudd, Wallace C., Yonkers, assignor to Induction Heating Corporation, New York, N. Y. High-frequency power transformer. 2,366,290; Jan. 2.
Rudd, Wallace C., Yonkers, assignor to Induction Heating Corp., New York, N. Y. Cooling system for vacuum tubes. 2,383,620; Aug. 28.
Rudel, Harry W., Roselle Park, N. J., assignor to Standard Oil Development Company. Stabilization of organo-metallic agents. 2,378,793; June 19.
Rudert, Frank J., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of riboflavin by biochemical methods. 2,374,503; Apr. 24.
Rudkin, Henry A.: *See*—
Stephens, Thomas J.
Rudnick, Benjamin, Huntington, N. Y., assignor to Republic Aviation Corporation. Photomechanical negative. 2,383,566; Aug. 28.
Rudnick, Benjamin, Huntington, N. Y., assignor to Republic Aviation Corporation. Making negatives for line reproduction. 2,383,567; Aug. 28.
Rudnick, Benjamin, Huntington, N. Y., assignor to Republic Aviation Corporation. Light stencil and making same. 2,383,568; Aug. 28.
Rudolph, Hans A.: *See*—
Dawsey, L. H., and Rudolph.
Rudolph, Jack H., De Kalb, Ill. Skirt construction. 2,388,341; Nov. 6.
Rudolph, Oscar J., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Insulating tape. 2,366,291; Jan. 2.
Rudolph, Paul J.: *See*—
Rogers, S. D., Rudolph, and Crawford.

Rudolph, Sidney J., Pittsburgh, Pa. Receptacle and closure means therefor. 2,370,997; Mar. 6.
Rudrow, Frank S., and K. N. Mills, Tulsa, Okla., assignors to Bethlehem Steel Company. Sucker rod wrench. 2,373,054; Apr. 3.
Rudy, Hermann, and R. Watzel, Mannheim, Germany; vested in the Alien Property Custodian. Condensation of phenols with sulphite waste liquor. 2,385,586; Sept. 25.
Rueb, Theodore O., Chicago, Ill. Taper gauge. 2,380,792; July 31.
Ruecker, Ernest C., Marquette, Mich. Snowshoe slipper. 2,385,944; Oct. 2.
Rueckert, Dean E.: *See*—
Lohner, C. L., and Rueckert.
Ruedebush, Richard A., Belmont, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Splitting operation. 2,374,836; May 1.
Ruedrich, Paul M.: *See*—
Lazar, A., Ruedrich, and Frazier.
Ruedrich, Paul M., Berkeley, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Compounded oil and preparing the same. 2,367,435; Jan. 16.
Ruettiger, Justin, New York, N. Y. Mouthpiece for cornets. 2,376,453; May 22.
Ruf-Buchhaltung Aktiengesellschaft: *See*—
Hegnauer, Paul, assignor.
Ruff, Arthur G., and A. P. Buer, Cincinnati, Ohio. Cart. 2,371,472; Mar. 13.
Ruf, Herman P., New York, N. Y. Multiple winding and spooling device. 2,390,223; Dec. 4.
Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Strain gauge with thermal current control. Re. 22,589; Jan. 9.
Ruge, Arthur C., Cambridge, Mass., assignor to The Baldwin Locomotive Works. Temperature compensated gauge. 2,390,038; Nov. 27.
Ruger, Kenneth A., Portland, Oreg., and B. Hilton, Tacoma, Wash. Hydraulic floor crane. 2,389,872; Nov. 27.
Ruger, William B., Greensboro, N. C. Machine gun. 2,388,291; Nov. 6.
Ruger, William B., Westport, assignor to Maguire Industries, Incorporated, Bridgeport, Conn. Firing mechanism. 2,388,443; Nov. 6.
Rugg, Edward H., Bridgeport, Conn., assignor to General Electric Company. Outlet box arrangement for electrical wiring system. 2,374,622; Apr. 24.
Rugg, Edward H., Bridgeport, Conn., assignor to General Electric Company. Outlet box support. 2,380,793; July 31.
Rugg, Harold H., Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Metal enclosed switchgear. 2,379,188; June 26.
Rugge, Raymond: *See*—
Page, G. A., Jr., Jerger, Rugge, and Watson.
Ruggeri, Peter, Odell, Ill. Tie lifter. 2,374,705; May 1.
Ruggles-Klingemann Mfg. Co.: *See*—
Kimball, James L., assignor.
Ruggli, Paul, and A. Businger, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of β-alanin. 2,367,436; Jan. 16.
Rugh, Robert H.: *See*—
Wensel, P., Whisner, and Rugh.
Ruhl, Charles L., Dallas, Tex. Gas generating burner. 2,386,978; Oct. 16.
Ruhme, Carl P., Minneapolis, Minn. Ski. 2,382,335; Aug. 14.
Ruigh, William L., Princeton, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Chemical compounds. 2,378,435; June 19.
Ruist, John T.: *See*—
Gothberg, K. E. A., Ruist, and Thoren.
Rule, Bruce H.: *See*—
Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.
Rulfs, Edward A., Los Angeles, Calif. Amusement device. 2,375,692; May 8.
Rumbaugh, Hugh M., Pittsburgh, Pa. Ironing machine. 2,368,946; Feb. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Textile finishing material. 2,368,782; Feb. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Refining polymerized rosin esters. 2,369,109; Feb. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,370,688; Mar. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,370,689; Mar. 6.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,373,343; Apr. 10.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerized acyclic terpenes and production. 2,373,419; Apr. 10.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Boron fluoride recovery. 2,374,957; May 1.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Boron fluoride recovery. 2,374,958; May 1.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,378,436; June 19.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,378,794; June 19.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,379,039; June 26.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,383,084; Aug. 21.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene resins. 2,384,400; Sept. 4.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Saturated terpene resins. 2,386,063; Oct. 2.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Pyrolysis of pinane. 2,388,084; Oct. 30.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene ethers. 2,388,765; Nov. 13.
Runcie, Walter O., Lima, Peru. Built-in lens capping mechanism. 2,390,464; Dec. 4.
Runcie, Walter O., and G. M. Keczeli, Lima, Peru. Darning attachment for sewing machines. 2,390,329; Dec. 4.
Runciman, George: *See*—
Burke, J. R., Worthington, and Runciman.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to International Cigar Machinery Company. Handling filler tobacco for cigar machines. 2,378,953; June 26.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine and Foundry Company. Bowling pin setting machine control mechanism. 2,383,017; Aug. 21.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine and Foundry Company. Bowling pin setter. 2,388,707; Nov. 13.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine and Foundry Company. Pin setter for bowling alleys. 2,388,709; Nov. 13.
Rundell, Theodore W., Abington, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Automatic ice maker. 2,376,819; May 22.
Rundell, Theodore W., Abington, assignor, by mesne assignments, to Philco Radio and Television Corporation, Philadelphia, Pa. Plastic ice tray grid. 2,386,979; Oct. 16.
Runk, William B.: *See*—
DeWitt, W. J., Ott, and Runk.
Runke, Glenn R., Racine, assignor to Line Material Company, Milwaukee, Wis. Switch construction. 2,388,620; Nov. 6.
Runquist, Ernest M., and L. A. Ederer, assignors to R. J. Ederer Company, Chicago, Ill. Machine drive and control. 2,387,185; Oct. 16.
Runyan, Charles, Great Meadows, N. J. Trailer vehicle. 2,383,216; Aug. 21.
Runyon, Clinton A., Jr., Chicago, Ill. Clarinet attachment. 2,390,275; Dec. 4.
Rupe, William B., Louisville, Ky. Therapeutic appliance. 2,378,795; June 19.
Rupp, Edwin, Minot, N. Dak. Cutter chain. 2,389,936; Nov. 27.
Rupp, John L., Williamsville, N. Y., assignor to National Battery Company, St. Paul, Minn. Storage battery for aircraft. 2,379,189; June 26.
Ruppe, Hugo, Berlin, Germany; vested in the Alien Property Custodian. Internal-combustion engine. 2,374,959; May 1.
Ruppel, Frederick H., Pasadena, Calif. Lattice mat. 2,369,412; Feb. 13.
Rush, Henri, St. Louis, Mo. Portable park bench. 2,374,837; May 1.
Rush, John F., Morgantown, assignor to Sealco By-Products Company, Bluefield, W. Va. Carbonaceous char. 2,378,246; June 12.
Rush, John W., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve device. 2,367,618; Jan. 16.
Rush, Ralph M.: *See*—
Henderson, D., Rush, and Anderson.
Rushing, Frank C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,367,965; Jan. 23.
Rushing, Fred L.: *See*—
Williams, B. M., and Rushing.
Rushton, Eugene R., Florence, Ala., assignor to Tennessee Valley Authority. Separating protein from waste material. 2,379,929; July 10.
Ruska, Ernst, and H. Schuchmann, Berlin-Spandau, H. Ruska, Berlin-Nikolassee, and H. O. Müller, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Electronic microscope. 2,370,373; Feb. 27.
Ruska, Helmut: *See*—
Ruska, E., Schuchmann, Ruska, and Müller.
Ruska, Walter E. A.: *See*—
McDonald, J. S., and Ruska.
Ruskin, Simon L.: *See*—
Korn, A., Hess, and Ruskin.

Russel, Phillip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,378,883; June 19.
Russell, Albert J., New York, N. Y. Device for automatically preventing motor vehicles from rolling back on grades. 2,379,829; July 3.
Russell, Alexander G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrolytic method of coating localized areas of articles. 2,367,314; Jan. 16.
Russell, Alexander, M. Parker, and R. A. Harris, assignors to The Forgrove Machinery Company Limited, Leeds, England. Mechanism for feeding wrappers from a stack. 2,374,838; May 1.
Russell, Alexander, M. Parker, and R. A. Harris, assignors to The Forgrove Machinery Company Limited, Leeds, England. Mechanism for adjusting the stroke of a reciprocating or oscillating member, such as a die plunger in an extrusion or molding press. 2,375,693; May 8.
Russell, Alexander, M. Parker and R. A. Harris, assignors to The Forgrove Machinery Company Limited, Leeds, England. Machine for wrapping plastic materials. 2,379,655; July 3.
Russell, Arthur L., Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting shoes. 2,373,264; Apr. 10.
Russell, Charles P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Condensing unit. 2,367,801; Jan. 23.
Russell, Dorothy A., New York, N. Y. Article of luggage. 2,370,492; Feb. 27.
Russell, Francis R., Westfield, N. J., assignor to Standard Oil Development Company. Packing gland for stirrer shafts. 2,374,960; May 1.
Russell, Francis R., Elizabeth, N. J., assignor to Standard Oil Development Company. Compressing gases and utilizing the same. 2,379,751; July 3.
Russell, Frank H.: *See*—
Lovell, S. P., and Russell.
Russell, Frank J.: *See*—
Charbonneau, A. P., Russell, and Seeger.
Russell, George B.: *See*—
Woodberry, J. H., and Russell.
Russell, George F.: *See*—
Mann, J. W., and Russell.
Russell, Harlow M.: *See*—
Sidebotham, Melvin H., assignor.
Russell, Harlow M., et al.: *See*—
Hoag, Roderick W., assignor.
Russell, Harold D., assignor to Eastman Kodak Company, Rochester, N. Y. Thiosalicylic acid antifoggant. 2,377,375; June 5.
Russell, Harold D., Eastman Kodak Company, Rochester, N. Y. Concentrated liquid hardeners and preparing. 2,378,247; June 12.
Russell, Harold D., and L. E. Muehler, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic art. 2,378,248; June 12.
Russell, Herbert H., assignor to The Greist Manufacturing Company, New Haven, Conn. Sewing machine attachment. 2,389,745; Nov. 27.
Russell, Howard W., and C. F. Lucks, Columbus, assignors, by mesne assignments, to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for recording temperature. 2,377,376; June 5.
Russell, John D., Cranberry Township, Venango County, Pa., assignor to Joy Manufacturing Company. Flight and link connector. 2,381,519; Aug. 7.
Russell, John K., W. B. Collins, and W. W. Boggs, Los Angeles, Calif. Oil purifier. 2,369,857; Feb. 20.
Russell, John K., assignor to Luber-Finer, Inc., Los Angeles, Calif. Liquid purifier. 2,381,141; Aug. 7.
Russell, Joseph W., assignor to Nashua Manufacturing Company, Nashua, N. H. Thickness measuring device. 2,383,742; Aug. 28.
Russell, Kenneth F., and G. H. Hopkins, assignors to H. H. and B. A. Garner, Claremont, Calif., joint tenants. Air cleaner. 2,384,699; Sept. 11.
Russell, Leslie W., assignor to Solar Aircraft Company, San Diego, Calif. Nibbler. 2,385,587; Sept. 25.
Russell, Loren, assignor to Vita-Meter Corporation, New York, N. Y. Supplementary fuel injection control structure. 2,388,085; Oct. 30.
Russell Manufacturing Company, The: *See*—
Brownlow, D. B., and Feulner, assignors.
Hendley, James A., assignor.
Russell, Mike, Bayonne, N. J. Clearing pipe systems. 2,371,188; Mar. 13.
Russell, Patrick J., Dublin, Eire. Folding stool. 2,366,560; Jan. 2.
Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Liquid supplying means. 2,377,185; May 29.
Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Liquid level controlling means. 2,387,858; Oct. 30.
Russell, Ralston, Jr., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Glazed ceramics. 2,389,386; Nov. 20.
Russell & Sidebotham: *See*—
Hoag, Roderick W.
Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Pickup. 2,378,107; June 12.
Russell, Stanley D., Racine, Wis., assignor to J. I. Case Company. Pickup baler. 2,381,620; Aug. 7.
Russell, Victor J. S., assignor to S. Smith & Sons (England), Limited, London, England. Electric alarm clock. 2,391,800; Dec. 25.
Russell, William W.: *See*—
Huey, H. I., and Russell.
Russey, Edward S., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Automatic interlock. 2,366,655; Jan. 2.
Russo, Florence, New York, N. Y. Undergarment. 2,390,465; Dec. 4.
Russow, Marshall A., et al.: *See*—
Carter, Hobart E., assignor.
Rust, David J., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Frameless window screen. 2,372,912; Apr. 3.
Rust, David J., assignor to Ry-Lock Company, Ltd., San Leandro, Calif. Tensioning and locking device for frameless window screens. 2,380,794; July 31.
Rust, Frederick F.: *See*—
Evans, T. W., Vaughan, and Rust.
Raley, J. H., and Rust.
Vaughan, W. E., and Rust.
Rust, Frederick F., and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of alicyclic hydrocarbons and of their derivatives. 2,369,181; Feb. 13.
Rust, Frederick F., and W. E. Vaughan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Controlled oxidation of unsaturated organic compounds. 2,369,182; Feb. 13.
Rust, Frederick F., Berkeley, Calif., and E. R. Bell, Norwalk, Ohio, assignors to Shell Development Company, San Francisco, Calif. Catalyst separation in hydrogen bromide catalyzed oxidation reactions. 2,380,675; July 31.
Rust, Frederick F., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Recovery of organic peroxides. 2,383,919; Aug. 28.
Rust, John B.: *See*—
Hessel, F. A., and Rust.
Joy, H. V., and Rust.
Rust, John B., Verona, N. J., assignor to Ellis-Foster Company. Textile sizing compositions and making them. 2,386,144; Oct. 2.
Rust, John B., Verona, N. J., assignor to Montclair Research Corporation. Glyoxal-ketone condensation products and making them. 2,388,086; Oct. 30.
Rust, John B., West Orange, and L. Spialter, Irvington, N. J., assignors to Montclair Research Corporation. Proteinaceous surface active agents and making same. 2,373,602; Apr. 10.
Rust, John B., West Orange, and L. Spialter, Irvington, N. J., assignors to Montclair Research Corporation. Proteinaceous wetting agents and making them. 2,373,603; Apr. 10.
Rust, Schuyler H., et al.: *See*—
Blaes, Edward G., assignor.
Rustless Iron and Steel Corporation: *See*—
Clingan, Irvine C., assignor.
Feild, Alexander L., assignor.
Goller, George N., assignor.
Loveless, Donald L., assignor.
Schaufus, Henry S., assignor.
Rusz, Leo M., assignor to Oxford-Tartak Radio Corporation, Chicago, Ill. Cable clamp. 2,369,413; Feb. 13.
Rusznyak, Geza G.: *See*—
Williams, F. A., and Rusznyak.
Rutan, Earl F., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,384,262; Sept. 4.
Rutbell, Clarence C., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Cam fixture. 2,385,030; Sept. 18.
Ruth, Arthur P., Houston, Tex. Automatic air volume control. 2,384,770; Sept. 11.
Ruth, James A., High Point, N. C. Knitting machine attachment. 2,389,688; Nov. 27.
Ruth, Roger A., assignor to Eastman Kodak Company, Rochester, N. Y. Trimmer. 2,378,249; June 12.
Ruth, Roger A., assignor to Eastman Kodak Company, Rochester, N. Y. Print trimming gauge. 2,380,267; July 10.
Ruther, Frank R., Whittier, Calif. Splint support. 2,376,507; May 22.
Rutherford, Frost B., and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Radiator valve. 2,389,387; Nov. 20.
Rutherford, Homer M., Centralia, Ill. Drilling rate recorder. 2,390,178; Dec. 4.
Rutherford, John T.: *See*—
Farrington, B. B., Clayton, and Rutherford.
Rutherford, Peter B., and D. R. Luster, Herkimer, N. Y., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Grenade launcher. 2,390,738; Dec. 11.
Rutherford, Robert E.: *See*—
Koch, S. J., and Rutherford.
Rutherford, Robert E., Rutherford, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Deflecting plates for cathode ray tubes. 2,391,273; Dec. 18.
Rutherford Trust Co., administrator: *See*—
Hollstein, Paul.

Ruthruff, Robert F., Chicago, Ill. Catalytic processes for converting hydrocarbons. 2,366,217; Jan. 2.
Ruthruff, Robert F., Chicago, Ill. Catalytic combination process. 2,366,218; Jan. 2.
Ruthruff, Robert F., Chicago, Ill. Manufacture of diolefins. 2,367,530; Jan. 16.
Ruthruff, Robert F., Chicago, Ill. Preparation of catalysts. 2,371,069; Mar. 6.
Ruthruff, Robert F., Chicago, Ill. Catalysts and preparation thereof. 2,377,577; June 5.
Ruthruff, Robert F., Chicago, Ill. Catalytic polymerization of unsaturated organic compounds. 2,379,656; July 3.
Ruthruff, Robert F., Chicago, Ill. Hydrocarbon conversion process. 2,382,100; Aug. 14.
Ruthruff, Robert F., Chicago, Ill. Catalytic cracking of partially oxidized hydrocarbons. 2,390,556; Dec. 11.
Ruthruff, Robert F., Chicago, Ill., assignor to Process Management Company, Inc., New York, N. Y. Silica chromium oxide catalytic materials. 2,382,581; Aug. 14.
Ruthruff, Robert F., Chicago, Ill., assignor to Process Management Company, Inc., New York, N. Y. Hydrocarbon conversion with silica chromium oxide catalysts. 2,382,582; Aug. 14.
Ruthruff, Robert F., Chicago, Ill., assignor of one-half to The M. W. Kellogg Company, Jersey City, N. J., and one-half to Process Management Company, Inc., Wilmington, Del. Conversion of hydrocarbons. 2,391,481; Dec. 25.
Ruthruff, Robert F., Chicago, Ill., assignor of one-half to The M. W. Kellogg Company, Jersey City, N. J., and one-half to Process Management Company, Inc., Wilmington, Del. Treatment of hydrocarbons. 2,391,482; Dec. 25.
Ruthruff, Robert F., Nutley, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Conversion of hydrocarbons. 2,372,018; Mar. 20.
Ruthven, Albert F., assignor to Ruthven Side-Pocket Dam Corporation, Lincoln, Nebr. Pump. 2,371,846; Mar. 20.
Ruthven Side-Pocket Dam Corporation: *See*—
Ruthven, Albert F., assignor.
Ruthy, Louis C.: *See*—
Behrendt, J. G., and Ruthy.
Rutishauser, Arnold, Zollikon, near Zurich, assignor to "Rapid" Motormaker A. G., Zurich, Switzerland. Motor-carrying ground miller devoid of driving wheel means. 2,375,137; May 1.
Rutkowski, Joseph J.: *See*—
Dearstyne, L., and Rutkowski.
Rutledge, John W., Early, Iowa. Lift for tractor buck rakes. 2,373,710; Apr. 17.
Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cellular carton. 2,374,382; Apr. 24.
Rutter, Alvah E., Rockford, assignor to J. I. Case Company, Racine, Wis. Plow hitch. 2,369,984; Feb. 20.
Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Disk harrow. 2,377,521; June 5.
Rutter, Alvah E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Dump rake. 2,380,190; July 10.
Ruttiman, Alfred, assignor to Harrington & Richardson Arms Company, Worcester, Mass. Handcuff. 2,388,766; Nov. 13.
Ruys, Jan D., Pittsburg, and A. Wachter, assignors to Shell Development Company, San Francisco, Calif. Ferrous metal pickling bath and preparing same. 2,382,336; Aug. 14.
Ruysdael, Basil, assignor of one-half to L. M. Rabinowitz, New York, N. Y. Dividing mechanism. 2,386,145;
Ruzicka, John W., Glen Ellyn, Ill. Shaft seal. 2,368,380; Jan. 30.
Ruzicka, Leopold, Zurich, Switzerland, assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Lactones and making same. 2,386,749; Oct. 16.
Ruzicka, Leopold, Zurich, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products Incorporated, Summit, N. J. Derivatives of saturated and unsaturated androstane-diols-(3:17). 2,387,469; Oct. 23.
Ryall, George D., Los Angeles, Calif. Safety razor blade hone. 2,375,251; May 8.
Ryan Aeronautical Company, The: *See*—
Boyd, Millard C., assignor.
Ryan, Albert O., River Edge, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Cable forming apparatus. 2,369,858; Feb. 20.
Ryan, Albert O., River Edge, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Cable forming apparatus. 2,372,162; Mar. 20.
Ryan, Albert O., River Edge, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Insulated electric conductor. 2,381,003; Aug. 7.
Ryan, Alden H., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Two-cylinder short-wave resonator apparatus. 2,383,343; Aug. 21.
Ryan, Alfred, assignor to The Ioco Rubber and Waterproofing Company Limited, Glasgow, Scotland. Covering material for aircraft frame structures and the like and producing the same. 2,384,771; Sept. 11.
Ryan, Arthur M., San Mateo, Calif. Display sign. 2,388,646; Nov. 6.
Ryan, Commodore D.: *See*—
Sager, F. P., and Ryan.
Sager, F. P., Bergmark, Ryan, and Atherton.
Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Water-supply system for envelope sealing machines. 2,369,314; Feb. 13.
Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Apparatus for moistening gummed articles. 2,372,742; Apr. 3.
Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Clutch. 2,374,839; May 1.
Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to Commercial Controls Corporation. Mail treating machine. 2,377,522; June 5.
Ryan, Commodore D., Los Angeles, and F. P. Sager, Alhambra, Calif., assignors to Commercial Controls Corporation. Mail treating machine. 2,377,523; June 5.
Ryan, Commodore D., and E. P. Drake, Los Angeles, Calif., assignors to Commercial Controls Corporation. Printing machine. 2,380,331; July 10.
Ryan, Commodore D., Los Angeles, Calif., assignor to Commercial Controls Corporation. Apparatus for feeding and ejecting envelopes. 2,389,551; Nov. 20.
Ryan Floating Stacker Company: *See*—
Ryan, John E., assignor.
Ryan, John D.: *See*—
Erickson, A. M., and Ryan.
Ryan, John E., assignor to Ryan Floating Stacker Company, Stuart, Iowa. Loading machine. 2,383,686; Aug. 28.
Ryan, John E. L., Danbury, Conn. Composition sole and making same. 2,386,269; Oct. 9.
Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing laminated glass structures. 2,374,010; Apr. 17.
Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Plastic compositions and articles made therefrom. 2,375,388; May 8.
Ryan, Joseph D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Manufacture of laminated safety glass. 2,386,980; Oct. 16.
Ryan, Joseph D., Toledo, Ohio, and F. B. Shaw, Jr., Baltimore, Md., assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Polyvinyl ketal acetal resin. 2,388,802; Nov. 13.
Ryan, Lester R.: *See*—
White, P. W., and Ryan.
Ryan, Lonnie W., Westfield, N. J., and H. L. Sanders, assignors to Interchemical Corporation, New York, N. Y. Manufacture of pigments. 2,388,659; Nov. 6.
Ryan, Thomas J: *See*—
Ashley, M. F., and Ryan.
Ryan, Victor A.: *See*—
Cooke, G. B., and Ryan.
Ryan, William J., Wilmington, and M. T. Kendall, Long Beach, Calif., assignors to The Texas Company, New York, N. Y. Acid-treating a thermally cracked petroleum distillate. 2,388,087; Oct. 30.
Ryan, William, Jr., University City, and A. C. Ratermann, St. Louis, Mo.: said Ratermann assignor to said Ryan, Jr. Refrigerating system for motor vehicles. 2,382,667; Aug. 14.
Ryba, Anton, Bolzano, Italy; vested in the Alien Property Custodian. Electromagnetic multiple-disk clutch. 2,378,108; June 12.
Ryba, Anton, Bolzano, Italy; vested in the Alien Property Custodian. Electromagnetic multiple-disk clutch. 2,387,613; Oct. 23.
Ryberg, Gustaf H., Brooklyn, N. Y., assignor to Ryco Laboratories, Inc., New York, N. Y. Package. 2,379,657; July 3.
Ryco Laboratories, Inc.: *See*—
Ryberg, Gustaf H., assignor.
Rydberg, Fred A., Seattle, Wash. Construction design and shrink joint for ships. 2,390,330; Dec. 4.
Ryde, John W.: *See*—
Espley, D. C., and Ryde.
Ryder, Charles D., Covington, assignor to The Grote Manufacturing Company, Bellevue, Ky. Mechanical nut. 2,383,164; Aug. 21.
Rydh, Carl J. E., Virserum, Sweden. Vehicle. 2,367,142; Jan. 9.
Ryerson & Haynes, Inc.: *See*—
Snell, Samuel A., assignor.
Ryhagen, Stig R.: *See*—
Carlberg, P. A., Hard af Segerstad, and Ryhagen.
Rykken, Leon H., Mayville, N. Dak. Low-pressure tire alarm. 2,368,617; Feb. 6.
Rylander, Thor A., and E. N. Alley, Jr., Newcastle, N. H. Mechanical roster chart. 2,376,386; May 22.
Ry-Lock Company, Ltd.: *See*—
Rust, David J., assignor.
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, Bendix, N. J. Liquid level. 2,369,802; Feb. 20.
Rypinski, Albert B., Laurelton, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Circuit breaker. 2,389,999; Nov. 27.

S K F Industries, Inc.: *See*—
Benson, Carl N., assignor.
Björklund, G. A., and Törnebohm, assignors.
Gothberg, K. E. A., Ruist, and Thoren, assignors.
S. M. A. Corporation: *See*—
Karabinos, J. V., Eckhardt, and Patterson, assignors.
Patterson, W. I., and Williamson, assignors.
S & S Corrugated Paper Machinery Co., Inc.: *See*—
Cohen, Harry L., assignor.
Hess, Charles, assignor.
Jacobson, Charles, assignor.
S. & S. Products Company, The: *See*—
Nitschman, George H., assignor.
S. & Z. Manufacturing Company, Inc.: *See*—
Samuelson, O. H., and Zappia, assignors.
Saalbach, Arthur A., East Orange, N. J., assignor to American Can Company, New York, N. Y. Can closing machine. 2,383,513; Aug. 28.
Saas, James T., Rocky River, Ohio. Plating fixture 2,372,296; Mar. 27.
Saas, James T., Rocky River, Ohio. Plating fixture. 2,372,297; Mar. 27.
Sabina, John R.: *See*—
Korb, E. L., and Sabina.
Sabner, Mark, London, W. 1, England. Making ramie yarn. 2,371,573; Mar. 13.
Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Cutting device. 2,368,571; Jan. 30.
Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Machine for forming heel flaps. 2,372,122; Mar. 20.
Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Ornamental shoe and making the same. 2,383,514; Aug. 28.
Sabo, Louis, Astoria, assignor to H. B. Delman, New York, N. Y. Cutting device for forming ornamented breast heel flaps. 2,383,515; Aug. 28.
Sabol, Ernest J., Norfolk, Va., assignor to The American Steel and Wire Company of New Jersey. Rail bond and making the same. Re. 22,599; Feb. 6.
Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Windshield wiper unit. 2,376,011; May 15.
Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Driving arm mechanism. 2,376,012. May 15.
Sacchini, Columbus R., Euclid, assignor to The Marquette Metal Products Company, Cleveland, Ohio. Motion effecting mechanism. 2,376,013; May 15.
Sacchini, Columbus R., Euclid, and L. N. Vandervoort, assignors to The Marquette Metal Products Company, Cleveland, Ohio. Hydraulic motor mechanism. 2,376,009; May 15.
Sacchini, Columbus R., Cleveland, and W. Waterman, Shaker Heights, assignors to The Acrotorque Company, Cleveland, Ohio. Windshield wiper mechanism. 2,376,010; May 15.
Sachanen, Alexander N.: *See*—
Caesar, P. D., and Sachanen.
Sachanen, Alexander N., and P. D. Caesar, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Catalysis. 2,376,508; May 22.
Sachanen, Alexander N., Woodbury, and P. D. Caesar, Wenonah, N. J., assignors, to Socony-Vacuum Oil Company, Incorporated. Catalytic isomerization. 2,376,509; May 22.
Sachs, Alfred H.: *See*—
Schutz, N. R., and Dubitsky, assignors.
Sackerson, Charles M., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Base for metallurgical furnaces and the like. 2,369,756; Feb. 20.
Sackett, A. J., & Sons Company, The: *See*—
Sackett, Walter J., assignor.
Sackett, Herbert S., Windom, Minn. Boat trailer. 2,388,870; Nov. 13.
Sackett, Walter J., assignor to The A J. Sackett & Sons Company, Baltimore, Md. Fertilizer mixing and distributing plant. 2,370,077; Feb. 20.
Sacks, Charles H., Brooklyn, N. Y. Building construction. 2,390,179; Dec. 4.
Saco-Lowell Shops: *See*—
Cotchett, Louis M., assignor.
Goldman, Maurice A., assignor.
Gwaltney, Eugene C., assignor.
Gwaltney, E. C., and Marsh, assignors.
Jones, Robert M., assignor.
Rabasa, Joseph, assignor.
Tarr, Roderic D., assignor.
Saddington, Arthur W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of sodium hydrosulphides. 2,376,435; May 22.
Sadger, Adolf: *See*—
Lorant, H. J., and Sadger.
Sadler, Charles W., Essex, Conn. Clutch. 2,372,123; Mar. 20.
Sadowsky, Charles, New York, N. Y. Navigation instrument. 2,377,905; June 12.
Sadtler, Robert E., Ridley Park, Pa., assignor of one-fourth to N. W. Underwood, Jr., Cleveland, Ohio, and three-fourths to Atlas Powder Company, Wilmington, Del. Mineral fortification of foodstuffs. 2,371,189; Mar. 13.
Safety Car Heating and Lighting Company, Inc., The: *See*—
Hulse, George E., assignor.
Kennedy, John J., assignor.
Safety-Fuel Incorporated: *See*—
Laliberte, Albert J., assignor.
Safety Vulcanizer Company: *See*—
Chambers, Perry O., assignor.
Safeway Stores, Inc.: *See*—
Sneed, R. C., and Jordan, assignors.
Saffady, Thomas F., Detroit, Mich. Valve. 2,371,548; Mar. 13.
Saffady, Thomas F., Detroit, Mich. Electric iron hand grip. 2,384,642; Sept. 11.
Saffady, Thomas F., Detroit, Mich. Electric iron. 2,382,101; Aug. 14.
Saffady, Thomas F., Detroit, Mich. Electrically heated knife. 2,386,409; Oct. 9.
Saffert, George J., New Ulm, Minn. Apparatus for holding an anchor in a mold. 2,366,656; Jan. 2.
Saffir, Jacob A., Chicago, Ill., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial tooth. 2,380,468; July 31.
Saffir, Jacob A., Chicago, Ill., assignor to The Dentists' Supply Company of New York, New York, N. Y. Making artificial teeth. 2,391,106; Dec. 18.
Safir, Sidney R.: *See*—
Carlson, G. H., and Safir.
Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,386,006; Oct. 2.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Vinyl resin compositions. 2,369,985; Feb. 20.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. High-frequency transmission line. 2,379,318; June 26.
Safrin, Leopold, Philadelphia, Pa., assignor to Wilson & Co., Inc. Soap composition. 2,388,767; Nov. 13.
Safticycles, Inc.: *See*—
Erickson, Emil H., assignor.
Saftlas, Samuel, West Warren, Mass. Knitting machine. 2,372,019; Mar. 20.
Sageb, Société Anonyme de Gestion et d'Exploitation de brevets: *See*—
Brandt, Edgar W., assignor.
Sagendorf, Forrest C., Jackson Heights, N. Y. Animated wall picture. 2,389,085; Nov. 13.
Sager, Frank P.: *See*—
Ryan, C. D., and Sager.
Sager, Frank P., Alhambra, and E. R. Bergmark, C. D. Ryan, and H. L. Atherton, Los Angeles, Calif., assignors to Commercial Controls Corporation. Mail treating machine. 2,371,070; Mar. 6.
Sager, Frank P., Alhambra, and C. D. Ryan, Los Angeles, Calif., assignors to Commercial Controls Corporation. Control mechanism for mail treating machines. 2,373,503; Apr. 10.
Sager, George F.: *See*—
Stroup, P. T., and Sager.
Weber, L. J., and Sager.
Sagner, Walter T., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,369,315; Feb. 13.
Saha, Aatto P., Staten Island, assignor to General Furnaces Corporation, New York, N. Y. Variable capacity atomizing device. 2,374,041; Apr. 17.
Sahlberg, Wilhelm, Niesky, Oberlausitz, Germany; vested in the Alien Property Custodian. Wooden frame truss. 2,390,180; Dec. 4.
St. Clair, John N., Kansas City, Kans. Supporting electric cable. 2,390,192; Dec. 4.
St. Clair, Leo J., East Orange, N. J. Tool and making the same. 2,384,204; Sept. 4.
St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Gas dispensing system. 2,384,266; Sept. 4.
St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Poppet changeover for liquefied gas systems. 2,391,043; Dec. 18.
St. Joe-Mullen Container Corporation: *See*—
De Haven, Edward J., assignor.
St. John, Eric, Cardiff, Wales. Apparatus for use in teaching and training aviators. 2,369,418; Feb. 13.
St. Marie, George, South Dartmouth, Mass. Holding jig. 2,371,934; Mar. 20.
St. Onge, Lucien R., Brookline, Pa., assignor to York Corporation. Method and apparatus for simulating high altitude climb conditions. 2,373,333; Apr. 10.
St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric control system. 2,366,678; Jan. 2.
St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,366,679; Jan. 2.
St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,374,050; Apr. 17.
St. Paul Hydraulic Hoist Company: *See*—
Penney, Raymond A., assignor.
St. Pierre, Eugene: *See*—
Green, I. H., and St. Pierre.
Green, I. H. C., and St. Pierre.
Wawzonek, J., and St. Pierre.

St. Pierre, Eugene, Pawtucket, and J. Wawzonek, assignors to Hemphill Company, Central Falls, R. I. Adjustable carrier ring. 2,382,750; Aug. 14.
St. Pierre, Henry, Worcester, Mass. Chain link. 2,368,271; Jan. 30.
St. Pierre, Henry, Worcester, Mass. Treatment of chain links. 2,374,392; Apr. 24.
St. Pierre, Henry, Worcester, Mass. Detachable chain link. 2,382,344; Aug. 14.
St. Pierre, Henry, Worcester, Mass. Chain link blank and making chain links. 2,382,345; Aug. 14.
St. Regis Paper Company: *See*—
Contryman, Theron A., assignor.
Lee, Harry E., assignor.
Saito, Kiitiro, Urudo, Saitama-Ken, Japan; vested in the Alien Property Custodian. Variable speed hydraulic coupling. 2,371,922; Mar. 20.
Saklatwalla, Byramji D., Pittsburgh, Pa. Alloy steel. 2,378,437; June 19.
Sale, William H., Richmond, Va., assignor to Grip Nut Company, Chicago, Ill. Floor filler retainer for railroad cars. 2,374,623; Apr. 24.
Saleh, Gabriel E. R., New York, N. Y. Lock nut. 2,377,186; May 29.
Salem Engineering Company, The.: *See*—
Buckholdt, Robert E., assignor.
Salem Steel & Supply Company: *See*—
Waters, John L., assignor.
Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Liquid congealing apparatus. 2,386,064; Oct. 2.
Salerni, Piero M., Lillibrooke Manor, England; vested in the Alien Property Custodian. Centrifugal pump or the like. 2,371,588; Mar. 13.
Salerni, Piero M., Cox Green, Berkshire, England; vested in the Alien Property Custodian. Hydraulic power transmission apparatus. 2,371,589; Mar. 13.
Salet, Corado R.: *See*—
Toelle, A., and Salet.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Sealing and crimping rollers for packaging machines. 2,374,504; Apr. 24.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Sealing, crimping, and scoring rollers for packaging machines. 2,382,175; Aug. 14.
Salisbury, Carl D., Lakewood, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine lubricating system. 2,381,839; Aug. 7.
Salisbury, Charles K., Waterloo, Iowa. Tracer controlled mechanism. 2,373,265; Apr. 10.
Salisbury, Leonard B., La Crescenta, Calif. Molding device. 2,385,544; Sept. 25.
Salisbury, LeRoy Frank, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Controlled heating of polyamides. 2,374,137; Apr. 17.
Salkeld, Charles E.: *See*—
Cusa, N. W., Salkeld, and Walker.
Sallé, Maurice, New York, N. Y., assignor to Thermoid Company, Trenton, N. J. Manufacturing friction facing and like materials. 2,388,187; Oct. 30.
Salley, Allen R.: *See*—
Ten Brink, K. C., and Salley.
Salley, Donovan J., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of acrylonitrile. 2,385,469; Sept. 25.
Salley, Donovan J., Stamford, C. W. Bradley, Old Greenwich, and H. S. Davis, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of acrylonitrile. 2,385,470; Sept. 25.
Sallmann, Richard: *See*—
Albrecht, O., Graenacher, and Sallmann.
Graenacher, C., Sallmann, Albrecht, and Frei.
Graenacher, C., Sallmann, and Frei.
Salminen, Ilmari F., P. W. Vittum, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Acylaminophenol photographic couplers. 2,367,531; Jan. 16.
Salminen, Ilmari F., P. W. Vittum, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Color-forming compounds having six-membered rings. 2,376,192; May 15.
Salmon, Chester G.: *See*—
Ellestad, G. A., and Salmon, assignors.
Salmon, Reginald D.: *See*—
Thompson, A. E., and Salmon.
Salmon, Reginald D., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Shock-absorbing means especially suitable for use with type-wheels in printing apparatus. 2,382,668; Aug. 14.
Salo, Martin: *See*—
Malm, C. J., and Salo.
Salo, Martin, and H. F. Vivian, assignors to Eastman Kodak Company, Rochester, N. Y. Hot-melt coating composition. 2,387,773; Oct. 30.
Salo, Martin, and H. F. Vivian, assignors to Eastman Kodak Company, Rochester, N. Y. Hot melt coating composition. 2,387,774; Oct. 30.
Salomon, Allen N.: *See*—
Wainer, E., and Salomon.
Salomon, Francois M. M. B., Paris, France; vested in the Alien Property Custodian. Oscillation reducing device. 2,383,516; Aug. 28.
Salomon, François M. M. B., Paris, France; vested in the Alien Property Custodian. Oscillation reducing device. 2,387,775; Oct. 30.
Salomon, François M. M. B., Paris, France; vested in the Alien Property Custodian. Oscillation reducing device. 2,387,776; Oct. 30.
Salomon, Irving, Michigan City, Ind. Desk. 2,375,441; May 8.
Salsbury Corporation: *See*—
Lewis, Howard B., assignor.
Salsbury, Jason M.: *See*—
Pierce, J. S., Salsbury, and Frederickson.
Salstrom Carving Machine Company: *See*—
Salstrom, David B. and D. N., assignors.
Salstrom, David B. and D. N., assignors to Salstrom Carving Machine Company, Chicago, Ill. Gunstock forming machine. 2,382,102; Aug. 14.
Salstrom, David N.: *See*—
Salstrom, David B., and D. N.
Salt, Lloyd B., Chestnut Hill, assignor to B. F. Sturtevant Company, Boston, Mass. Vacuum sweeper. 2,367,437; Jan. 16.
Salt, Richard: *See*—
Macintosh, R. R., Mendelssohn, and Salt.
Salter, Avery L., Johnston, S. C. Electrical switch. 2,378,582; June 19.
Salter, John H.: *See*—
Lepsoe, R., Ortner, and Salter.
Saltz, Frank H., La Crosse, Wis. Rotary file. 2,383,944; Sept. 4.
Saltz, Morris A., Los Angeles, Calif. Upholstered furniture with removable cover on. 2,383,687; Aug. 28.
Salussolia, Battista, Wood Ridge, assignor to Sweeney Lithograph Company, Inc., Belleville, N. J. Easel poster. 2,377,455; June 5.
Salvaneschi, Pino, Broni, Italy; vested in the Alien Property Custodian. Apparatus for forming hollow bodies. 2,369,608; Feb. 13.
Salverda, Henry P., assignor of half to F. J. McCarron and A. McC. Loftus, Daytons Bluff Station, Minn. Pump rod extracting device. 2,373,081; Apr. 3.
Salvin, Monte, Los Angeles, Calif. Gynecologic instrument. 2,376,193; May 15.
Salvin, Victor S.: *See*—
Seymour, G. W., and Salvin.
Salvin, Victor S., Cumberland, Md., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine esters of aryloxymethyl benzoic acid. 2,375,138; May 1.
Salvin, Victor S., Cumberland, Md., and A. J. Hill, New Haven, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkamine derivatives of ethers of p-hydroxymethyl benzoic acid. 2,385,104; Sept. 18.
Salzberg, Paul L., and J. H. Werntz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Surface active aldoside condensation products. 2,374,236; Apr. 24.
Salzer, John, Houston, Tex. Apparatus for rolling radiator core elements. 2,378,661; June 19.
Samelson, Bernard, assignor to The Deming Company, Salem, Ohio. Pump. 2,385,105; Sept. 18.
Samiran, David, Fairchild, Ohio. Air eliminator. 2,367,692; Jan. 23.
Samiran, David, Osborn, Ohio. Automatically controlled portable fuel pumping unit. 2,373,143; Apr. 10.
Samiran, David, Osborn, Ohio. Safety locking device. 2,385,381; Sept. 25.
Samiran, David, Osborn, Ohio. Safety device for gasoline or oil gauges. 2,385,382; Sept. 25.
Samiran, David, Osborn, Ohio. Automatic suction relief valve and audible signal for tank car segregators. 2,385,844; Oct. 2.
Samiran, David, Osborn, Ohio. Apparatus for making fluid pressure connections to the instruments on an instrument panel. 2,386,270; Oct. 9.
Sammis, Albert V., Huntington, N. Y. Testing instrument for testing water outlets. 2,372,606; Mar. 27.
Sammis, Edward A.: *See*—
Burckhardt, A., and Sammis.
Sammons, Charles W.: *See*—
Moncrieff, R. W., and Sammons.
Samphere, Orin C., West Allis, Wis. Matrix retainer. 2,367,439; Jan. 16.
Sample, Alfred J., Randolph, N. Y. Vibrating conveyer gate. 2,386,717; Oct. 9.
Sample, Ralph M.: *See*—
Humphrey, R. G., and Sample.
Sampsel, Arthur V.: *See*—
Knudsen, A. K., and Sampsel.
Sampsell, Ralph R., Youngstown, Ohio. Combination trailer. 2,374,383; Apr. 24.
Sampson, Donald S., Silver Spring, Md. Ladder construction. 2,390,000; Nov. 27.
Sams, Augustine: *See*—
Hale, Jackson T., assignor.
Sams, Francis C., Bath, N. Y. Safety ball trap. 2,390,224; Dec. 4.
Samson, Edward W., and A. H. Croup, assignors to Hammermill Paper Company, Erie, Pa. Separating solid particles in pulp suspensions and the like. 2,377,524; June 5.
Samuel, Sigmund, Baltimore, Md. Runway marker lighting means. 2,370,424; Feb. 27.

Samuels, Joseph V., assignor of forty percent to Johnnie Rogers, Jefferson City, Mo. Bottle Folder. 2,376,194; May 15.
Samuels Shoe Company: *See*—
Beestrum, Olaf G., assignor.
Samuelson, Einer J., Chicago, Ill. Ladder cart. 2,377,043; May 29.
Samuelson, Otto H., Muncie, and A. T. Zappia, Indianapolis, Ind. Plunger carrier for glassware forming apparatus. 2,379,830; July 3.
Samuelson, Otto H., and A. T. Zappia, assignors to S. & Z. Manufacturing Company, Inc., Indianapolis, Ind. Container blowing and cooling apparatus. 2,382,028; Aug. 14.
Sanborn Company, The: *See*—
Packer, Oscar W., assignor.
Sanchioni, Adolf, Needham, Mass. Method of making shoes and product of said method. 2,386,910; Oct. 16.
Sanchioni, Adolf, Needham, Mass. Shoe and producing same. 2,386,911; Oct. 16.
Sand, Charles H., Willoughby, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,382,503; Aug. 14.
Sandberg, Ernest H., Long Beach, Calif. Caster. 2,369,609; Feb. 13.
Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Wrapping paper cutting mechanism. 2,372,020; Mar. 20.
Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Tray former for wrapping machines. 2,378,796; June 19.
Sandberg, Robert N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Indenting machine. 2,377,377; June 5.
Sandberg, William A., assignor to Lacy Manufacturing Company, Los Angeles, Calif. Horizontal tank and support therefor. 2,375,442; May 8.
Sandell, Folke E.: *See*—
Hatch, James W., assignor.
Sander, Frank S., New York, N. Y., assignor, by direct and mesne assignments, to F. S. Sander, J. Sander, Ida Waldes and Ica Waldes, doing business under the name of My Double Company. Adjustable dress form. 2,367,891; Jan. 23.
Sander, Judith, et al.: *See*—
Sander, Frank S., assignor.
Sanders, Arthur F., Leeds, England. Fuel-injection engine. 2,379,190; June 26.
Sanders, Clyde S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Detecting salt water intrusion. 2,379,106; June 26.
Sanders, George, Larne Harbour, Northern Ireland. Steam generator. 2,382,176; Aug. 14.
Sanders, Herbert L.: *See*—
Ryan, L. W., and Sanders.
Sanders, James T., Pacific, Mo. Post puller. 2,377,652; June 5.
Sanders, Louis S.: *See*—
McIntosh, Maurice D., assignor.
Sanders, Robert W., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Voltage generator. 2,387,685; Oct. 23.
Sanders, Tillmon J., Utica, N. Y. Loom harness stop motion. 2,368,427; Jan. 30.
Sanderson, Donald, Bloomfield Hills, H. E. Pfaff, Detroit, Mich., and M. E. Garrison, Compton, Calif. Polymerized rubber-like product and making the same. 2,390,961; Dec. 11.
Sanderson, Lawrence S., Los Angeles, Calif. Selector valve. 2,391,196; Dec. 18.
Sanderson, Robert T., Fishkill, N. Y., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,375,949; May 15.
Sanderson, Roger W. W., assignor to The General Electric Company Limited, London, England. Electric primary battery. 2,375,875; May 15.
Sandler, Jacob: *See*—
Lee, Bernard F., assignor.
Sandman, Robert C., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Ink fountain and liner therefor. 2,382,103; Aug. 14.
Sandmeyer, Ernest R., assignor to Fruit Packers Supply & Equipment Company, Yakima, Wash. Fruit and vegetable sorting machine. 2,370,262; Feb. 27.
Sándor, Béla, New Barnet, England. Pyrophoric lighter. 2,368,070; Jan. 23.
Sandoz, A. G.: *See*—
Bergel, F., Cohen, and Haworth, assignors.
Gutzwiller, Ernst, assignor.
Peter, Albin, assignor.
Tschudin, Walter F., assignor.
Wiazmitinow, Alexis, assignor.
Sandoz, Ltd.: *See*—
Gutzwiller, Ernst, assignor.
Sandoz, Maurice, Vevey La Tour, Switzerland, assignor to Burton T. Bush, Inc., New York, N. Y. Producing a scent fixative. 2,383,517; Aug. 28.
Sandretto, Peter C., Chicago, and B. E. Montgomery, Berwyn, Ill., assignors to United Air Lines, Inc. Aircraft antenna. 2,368,618; Feb. 6.
Sandvikens Jernverks Aktiebolag: *See*—
Härd af Segerstad, Carl G., assignor
Sanford, Alfred F., II: *See*—
Sanford, H. W., Sanford, II, and Prueitt.
Sanford, Arthur H., Roselle, assignor to Hercules Powder Company, Wilmington, Del. Wax composition. 2,371,473; Mar. 13.
Sanford, Arthur H., assignor to Hercules Powder Company, Wilmington, Del. Match compositions. 2,389,552; Nov. 20.
Sanford, Hugh W., Knoxville, Tenn. Closure. 2,372,227; Mar. 27.
Sanford, Hugh W., Knoxville, Tenn. Pipe joint. 2,374,138; Apr. 17.
Sanford, Hugh W., Knoxville, Tenn. Valve. 2,388,710; Nov. 13.
Sanford, Hugh W., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Wheel and axle packing. 2,387,301; Oct. 23.
Sanford, Hugh W., A. F. Sanford, II, and R. C. Prueitt, Knoxville, Tenn.; said A. F. Sanford, II, and said Prueitt assignors to said H. W. Sanford. Toilet deodorizer. 2,371,923; Mar. 20.
Sanford Investment Company, The: *See*—
Sanford, Hugh W., assignor.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Roll holder. 2,371,109; Mar. 6.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Cartridge belt link. 2,390,331; Dec. 4.
Sanford, Roy S., and W. J. Andres, assignors to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,388,088; Oct. 30.
Sanford, Thomas D.: *See*—
Williams, B. N., and Sanford.
Sang, Henry J., Philadelphia, Pa. Load-stress converter. 2,370,196; Feb. 27.
Sangamo Electric Company: *See*—
Snell, Maurice S., assignor.
Wickham, Alfred H., assignor.
Sanozone Corporation: *See*—
Mallmann, W. L., Kain, and Schaefer, assignors.
Sansom, Marion D., Rivulet, Mont. Can attachment. 2,374,384; Apr. 24.
Santa Fe Springs Waste Water Disposal Company: *See*—
Pomeroy, Richard D., assignor.
Santini, Danilo: *See*—
Bouton, E. M., and Santini.
Williams, H. W., Santini, and Mount.
Santon, Elliot A.: *See*—
Palmer, A., and Santon.
Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread guide for thread holders. 2,387,302; Oct. 23.
Santon, Elliot A., assignor, to Crompton & Knowles Loom Works, Worcester, Mass. Positively actuated thread holder for looms. 2,390,962; Dec. 11.
Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check for looms. 2,390,963; Dec. 11.
Santos, John R. L., assignor to William E. Hooper & Sons Company, Baltimore, Md. Drier felt. 2,367,438; Jan. 16.
Sapp, John P.: *See*—
Sternad, F. S., and Sapp.
Sappenfield, Marion L., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Component separating means. 2,369,255; Feb. 13.
Sapyak, Frank J., Sanford, Mich. Fingernail file. 2,388,292; Nov. 6.
Sarachek, Moe, Allentown, Pa., assignor to Charis Corporation. Lacing construction for garments. 2,382,104; Aug. 14.
Sarafian, Karl, assignor to General Motors Corporation, Detroit, Mich. Wave control. 2,377,719; June 5.
Sarafian, Karl, assignor to General Motors Corporation, Detroit, Mich. Electric control system. 2,386,981; Oct. 16.
Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhering rubbery material to smooth surfaces. 2,389,641; Nov. 27.
Sarchet, Thomas H., Spokane, Wash. Decelerating means. 2,375,443; May 8.
Sarco Company, Inc.: *See*—
Adlam, Thomas N., assignor.
Sardeson, Robert, assignor to Pako Corporation, Minneapolis, Minn. Drying device. 2,369,803; Feb. 20.
Sargeant, Ralph G., Lakeland, Fla., assignor of one-half to F. E. Saumenig, Woodlawn, Md. System of airplane control. 2,369,859; Feb. 20.
Sargent, Albert A., Jr., Niagara Falls, N. Y., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lock nut device. 2,381,936; Aug. 14.
Sargent & Company: *See*—
Baker, R. E., and Kendall, assignors.
Brooks, Herbert W., assignor.
Ohno, Richard J., assignor.
Oxhandler, Samuel, assignor.
Papkin, David, assignor.
Voight, Henry G., assignor.
Voight, H. G., and Oxhandler, assignors.
Sargent, Leonard E., Yonkers, N. Y., assignor to Burroughs Wellcome & Co. (U. S. A.) Inc. Making tetraiodophenol-phthalein. 2,384,425; Sept. 4.

Sargent, Robert E., and M. W. M. Devitt, Elmhurst, Long Island, N. Y. Fire extinguishing composition. 2,388,014; Oct. 30.
Sarkisian, Hachig, North Andover, Mass. Wool-combing machine. 2,384,344; Sept. 4.
Sarossy, Albert, West Orange, N. J. Die holder and tail-stock center. 2,383,991; Sept. 4.
Sarthou, Henri, Saint-Gervais-les-Bains, France; vested in the Alien Property Custodian. Hinged ski. 2,390,181; Dec. 4.
Sartori, William J., Brooklyn, N. Y. Esters of aleuritic acid. 2,382,919; Aug. 14.
Sarver, Emmett F., assignor of one-half to O. W. Wortman, Wichita, Kans. Roto-thrust converter. 2,382,105; Aug. 14.
Sasgen, Anthony M., Chicago, Ill. Clamp. 2,374,899; May 1.
Sasgen, Anthony M., assignor to Grand Specialties Company, Chicago, Ill. Work supporting and finishing apparatus. 2,379,992; July 10.
Saslaw, Max R., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Heated tool perforating. 2,374,706; May 1.
Saslaw, Max R., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Coupling for cooling conduits of high frequency apparatus. 2,377,378; June 5.
Saslaw, Otto, Lyndhurst, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Manufacture of selenium element. 2,370,493; Feb. 27.
Saslaw, Otto, Lyndhurst, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Selenium cell. 2,386,750; Oct. 16.
Saslaw, Otto, Lyndhurst, and H. Carlson, Newark, N. J., assignors to Federal Telephone & Radio Corporation, New York, N. Y. Making selenium elements. 2,378,438; June 19.
Satchwell, Leonard, Marlow, England. Electric resistance grid. 2,386,065; Oct. 2.
Satchwell, Leonard, Marlow, England. Electric resistance grid. 2,391,744; Dec. 25.
Satoris, Frank, Sr., Rochester, Minn. Electric cribbage board. 2,375,040; May 1.
Satterlee, Howard A., assignor to The Aro Equipment Corporation, Bryan, Ohio. Fuel cock drive mechanism. 2,389,461; Nov. 20.
Sattler, Louis, assignor to The New York Sugar Trade Laboratory, Inc., New York, N. Y. Manufacture of D-psicose. 2,377,653; June 5.
Satz, Frank, and M. Berns; said Satz assignor of one-half of his right to S. Sontag, Los Angeles, Calif. Sanitary brush. 2,373,711; Apr. 17.
Pont de Nemours & Company, Wilmington, Del. Prep-
Sauer, George, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,386,349; Oct. 9.
Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ketonethenones and process therefor. 2,369,919; Feb. 20.
Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed esters. 2,381,885; Aug. 14.
Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed esters. 2,381,887; Aug. 14.
Sauer, Louis E., Sharon, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Cooling current limiting reactors. 2,387,947; Oct. 30.
Sauer, Robert O.: *See*—
Patnode, W. I., and Sauer.
Sauer, Robert O., Schenectady, N. Y., assignor to General Electric Company. Resolution of azeotropic mixtures of chlorosilanes. 2,381,139; Aug. 7.
Sauer, Robert O., and C. E. Reed, Schenectady, N. Y., assignors to General Electric Company. Resolution of mixtures of chlorosilanes. 2,388,575; Nov. 6.
Sauerborn, Eugene P.: *See*—
Miller, A. J., and Sauerborn, assignors.
Saul, August A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,371,190; Mar. 13.
Saul, George C., Beckenham, W. G. Harding, Whitton, and R. H. Nisbet, Stroud, England, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic steering device. 2,373,144; Apr. 10.
Saul, Samuel, Jr., Pittsburgh, Pa. Rack construction. 2,367,315; Jan. 16.
Saulnier, Joseph, Falmouth, Mass. Smoking pipe. 2,377,379; June 5.
Saumenicht, Ernest, Chatham, N. J. Ball mill. 2,376,820; May 20.
Saumenig, Fred E.: *See*—
Sargeant, Ralph G., assignor.
Saunders, Albert, Maplewood, and L. S. Engle, Harrington Park, N. J., assignors to Interchemical Corporation, New York, N. Y. Polishing composition. 2,375,823; May 15.
Saunders, Albert, Maplewood, and L. S. Engle, Harrington Park, N. J., assignors to Interchemical Corporation, New York, N. Y. Polishing composition. 2,375,824; May 15.
Saunders, Albert, Maplewood, and L. S. Engle, Harrington Park, N. J., assignors to Interchemical Corporation, New York, N. Y. Polishing compositions. 2,375,825; May 15.
Saunders, Charles A., Chicago, Ill. Making archery target butts and machinery therefor. 2,372,856; Apr. 3.
Saunders, Charles W., Bramley, assignor to General Electric Company Limited, London, England. Electric torch which floats lamp uppermost in water. 2,381,520; Aug. 7.
Saunders, Frank S., Cardiff, South Wales. Apparatus for testing spark plugs. 2,369,920; Feb. 20.
Saunders, Frank S., Cardiff, South Wales. Automatic press tool for straightening or bending. 2,379,658; July 3.
Saunders, George E.: *See*—
Webb, H. J., and Saunders.
Saunders, Harold F: *See*—
Downs, C. D., and Saunders.
McCord, A. T., and Saunders.
Saunders, Philip K., Mamaroneck, N. Y. Controlling valve. 2,376,387; May 22.
Saunders, Philip K., Mamaroneck, N. Y. Controlling valve. 2,376,388; May 22.
Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coating material recovery medium and process. Re. 22,615; Mar. 6.
Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Apparatus and method for bonding composite articles. 2,371,847; Mar. 20.
Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Adhesive and making the same. 2,376,510; May 22.
Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Making synthetic resin yarn. 2,376,511; May 22.
Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, Mich. Cements. 2,376,854; May 22.
Saunier, Pierre Paul, Jr., Henrico County, Va. Altimeter. 2,379,496; June 3.
Saurenman, Dean F., Houston, Tex., assignor to Baker Oil Tools, Inc., Vernon, Calif. Multiple zone production apparatus. 2,368,428; Jan. 30.
Sauser, Doran E., Cuyahoga Falls, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Vulcanization of copolymers of conjugated diene hydrocarbons and alpha-methylene nitriles. 2,374,385; Apr. 24.
Sauzedde, Claude, Detroit, Mich. Shock absorber. 2,380,191; July 10.
Savage, Albert B.: *See*—
Boulton, H. L., and Savage.
Savage Arms Corporation: *See*—
Brewer, Nicholas L., assignor.
Hussey, Chester L., assignor.
Savage, Robert H., Scotia, N. Y., assignor to General Electric Company. Electrical contact element. 2,387,614; Oct. 23.
Savage, W. J., Company, Inc.: *See*—
Fulton, Weston M., assignor.
Savageau, Frederick L., Denver, Colo. Fastening device. 2,376,089; May 15.
Savidge, Clinton L., Toledo, Ohio, assignor to Mitchell & Smith, Inc., Detroit, Mich. Branched stream control. 2,380,676; July 31.
Savitzky, Abraham: *See*—
Norkin, N., and Savitzky, assignors.
Savory Equipment, Inc.: *See*—
Warner, Maurice L., assignor.
Savoy, Ernest J., Kansas City, Mo. Penknife. 2,390,964;
Savrda, Charles M., Bay Shore, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Fish filleting machine. 2,381,560; Aug. 7.
Sav-Way Industries: *See*—
Balton, Charles A., assignor.
Sawatzki, Dorl, et al.: *See*—
Ballinger, Karl, assignor.
Sawtelle, Charles A., Rosedale Gardens, Mich. Fluid clutch. 2,386,912; Oct. 16.
Sawtelle, Charles A., Rosedale Gardens, Mich. Wear compensator for brakes. 2,386,913; Oct. 16.
Sawtelle, Edmund R., Shawnee-on-Delaware, and J. I. Blair, assignors to Worthington Mower Company, Stroudsburg, Pa. Mowing machine. 2,377,380; June 5.
Sawyer, Charles B.: *See*—
Wellman, S. K., and Sawyer.
Sawyer, Clarence H., Naples, Idaho. Boat propulsion means. 2,388,711; Nov. 13.
Sawyer, Fred A., South Bend, Inc., assignor to United States Rubber Company, New York, N. Y. Container. 2,378,161; June 12.
Sawyer, Howard G., Bayside, N. Y. Fire-tube boiler. 2,388,647; Nov. 6.
Sawyer, Marc C., Otsego County, assignor to Bendix Aviation Corporation, New York, N. Y. Ignition means. 2,380,707; July 31.
Sawyer, Richard L.: *See*—
Bruner, F. H., Clarke and Sawyer.
Saxton, Albert H., assignor to National Bundle Tyer Company, Blissfield, Mich. Bundle tying machine. 2,374,900; May 1.
Say, Alan W.: *See*—
Martin, R. A., and Say.

Say, Alan W., Upminster, assignor to The Plessey Company Limited, Ilford, England. Rotary pump. 2,368,572; Jan. 30.

Sayler, William H., assignor of one-half to H. E. Bassford, Salt Lake City, Utah. Filter. 2,379,930; July 10.

Sayles Finishing Plants, Inc.: *See*—
Huey, H. L., and Russell, assignors.

Sayles, James H., Uvalde, Tex. Barbed-wire stretcher. 2,386,751; Oct. 16.

Sayre, Gordon B., assignor to Boonton Molding Company, Boonton, N. J. Automatic molding apparatus. 2,375,252; May 8.

Sayre, Gordon B., assignor to Boonton Molding Company, Boonton, N. J. Automatic valve control for hydraulic presses. 2,376,624; May 22.

Sayre, Gordon B., Brooklyn, N. Y., assignor to Boonton Molding Company, Boonton, N. J. Valve control for hydraulic presses. 2,381,776; Aug. 7.

Sayre, Ralph E.: *See*—
Hill, A. G., and Sayre.

Sayward, John M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Chlorination of pyrazine. 2,391,745; Dec. 25.

Scafe, Eugene T.: *See*—
Drake, L. C., Herman, and Schafe

Scaife, Arthur J., Detroit, Mich. Waterproofed combat vehicle. 2,390,557; Dec. 11.

Scaife, Charles W.: *See*—
Smith, A., and Scaife.
Smith, A. E. W., Scaife, and Stanley.
Smith, A. E. W., Stanley, and Scaife.

Scalera, Mario, Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Conditioning of organic pigments. 2,369,414; Feb. 13.

Scalera, Mario, Somerville, and A. W. Joyce, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Long chain alkyl substituted 4-amino-1, 8-napthalic acid imides. 2,385,106; Sept. 18.

Scane, James W., Windsor, Ontario, Canada. Vehicle jack. 2,383,275; Aug. 21.

Scanlan, Dennis R., St. Paul, Minn. Apparatus for artificial respiration. 2,383,821; Aug. 28.

Scanlon, Michael J., Baltimore, Md. Internal-combustion engine. 2,384,401; Sept. 4.

Scarborough, William B.: *See*—
Schwebel, William H., assignor.

Scarborough, William B., trustee: *See*—
Beasecker, Raymond L., assignor.

Scarff, Harold M., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring chamfering machine. 2,373,344; Apr. 10.

Scarff, Harold M., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring clamping device. 2,388,871; Nov. 13.

Scarff, Harold M., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Milling machine. 2,388,872; Nov. 13.

Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Cultivating implement. 2,371,924; Mar. 20.

Scarlett, Arthur A., and J. Higginson, Hamilton, Ontario, Canada, assignors, by mesne assignments, to International Harvester Company, Chicago, Ill. Power lift. 2,370,197; Feb. 27.

Scarlett, Arthur A., Hamilton, Ontario, and S. M. Young, South Hamilton, Ontario, Canada, assignors, by mesne assignments, to International Harvester Company, Chicago, Ill. Agricultural implement. 2,377,578; June 5.

Scarlett, George E.: *See*—
Pioch, W. F., and Scarlett.

Scarry, Earl J., Denver, Colo. Soap dispenser. 2,387,359; Oct. 23.

Schaad, Raymond E.: *See*—
Bloch, H. S., and Schaad.
Ipatieff, V. N., and Schaad.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of phenols. 2,371,550; Mar. 13.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of aromatic compounds. 2,382,260; Aug. 14.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic compounds. 2,386,982; Oct. 16.

Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,387,948; Oct. 30.

Schaaff, Louis W., Jackson Heights, assignor to Wilhelmina M. Kuhn, New York, N. Y. Nonmetallic molded replaceable blade shears. 2,377,906; June 12.

Schaal, Earl V., East Aurora, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,388,500; Nov. 6.

Schaal, Robert B., Independence, assignor to Ferro Enamel Corporation, Cleveland, Ohio. Refining of cobalt ores. 2,379,659; July 3.

Schachinger, Edward A., Astoria, N. Y. Watchman's signal system. 2,376,389; May 22.

Schacht, William F., Huntington, Ind. Cattle marker. 2,383,419; Aug. 21.

Schade, Arthur, and J. Horn, Wiesbaden-Biebrich, Germany; vested in the Alien Property Custodian. Automatic photoprinting device. 2,371,925; Mar. 20.

Schade, Arthur L.: *See*—
Pfannmuller, J., Schade, and Schleich.

Schade, Frank S. assignor to National Blank Book Company, Holyoke, Mass., Post binder. 2,366,933; Jan. 9.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Ring binder mechanism. 2,368,729; Feb. 6.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Binder case construction for books. 2,390,125; Dec. 4.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Making metal parts for ring binders. 2,368,730; Feb. 6.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Making metal parts for ring binders. 2,384,134; Sept. 4.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Making metal parts for ring binders. 2,385,883; Oct. 2.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting apparatus. 2,368,884; Feb. 6.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting system. 2,370,425; Feb. 27.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electron tube circuit. 2,370,426; Feb. 27.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Radio frequency oscillator power supply circuit. 2,374,781; May 1.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television transmitting system. 2,377,972; June 12.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electronic tube circuits. 2,378,797; June 19.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Cathode ray beam deflecting circuits. 2,382,822; Aug. 14.

Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Electronic tube circuit. 2,391,801; Dec. 25.

Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto lens. 2,382,669; Aug. 14.

Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Objective for reflex sight. 2,384,643; Sept. 11.

Schaechlin, Walter, Wilkinsburg, and E. Frisch, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of control for electric motors. 2,370,078; Feb. 20.

Schaefer, Carl A., Whitefish Bay, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,388,342; Nov. 6.

Schaefer, Charles F., Westport, Conn. Stencil coating machine. 2,382,920; Aug. 14.

Schaefer, Edward A.: *See*—
Serre, M., Hewett, and Schaefer.

Schaefer, Edward E., Oak Park, Ill. Tilting mechanism for Venetian blinds. 2,369,079; Feb. 6.

Schaefer, Edward J., Fort Wayne, Ind., assignor to General Electric Company. Electric protective means. 2,369,986; Feb. 20.

Schaefer, Frederic, Pittsburgh, Pa. Brake hanger. 2,373,420; Apr. 10.

Schaefer, Frederic, Pittsburgh, Pa. Brake hanger wear plate. 2,383,743; Aug. 28.

Schaefer, Frederic C., Greenwich, Conn., assignor to Wingfoot Corporation, Akron, Ohio. Propiolyl halides and making them. 2,388,660; Nov. 6.

Schaefer, Karl T.: *See*—
Taylor, J. I., and Schaefer.

Schaefer, Ralph A., East Cleveland, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Coating metal articles. 2,391,039; Dec. 18.

Schaefer, Richard J.: *See*—
Mallmann, W. L., Kain, and Schaefer.

Schaefer, Rodger L.: *See*—
Lum, J. H., and Schaefer.

Schaefer, Rudolph K., B. Allen, and R. Lopez, Brownsville, Tex. Automatic longitudinal trimmer. 2,381,840; Aug. 7.

Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Producing solids of desired configuration. 2,374,310; Apr. 24.

Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Cathode ray tube. 2,374,311; Apr. 24.

Schaelchlin, Walter, Pittsburgh, and E. H. Hornbarger, Edgewood, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stability controlled ship propulsion system. 2,381,313; Aug. 7.

Schaeufele, John G., Fort Knox, Ky. Track maintenance tool. 2,382,447; Aug. 14.

Schaevitz, Herman, Collingswood, N. J. Voltage drop calculator. 2,379,931; July 10.

Schäfer, Josef, Dortmund, Germany; vested in the Alien Property Custodian. Coke oven. 2,387,615; Oct. 23.

Schafer, Robert A., and R. Rodal, Richmond, Ind., assignors to The National Automatic Tool Company. Hydraulic control apparatus for machine tools. 2,377,720; June 5.

Schafer, Robert A., and R. Rodal, assignors to The National Automatic Tool Company, Richmond, Ind. Indexing mechanism. 2,380,873; July 31.

Schaffer, Jacob I., New York, N. Y. Secret garment pocket construction. 2,383,217; Aug. 21.

Schaffhauser, Hilda, Chicago, Ill. Mop head and mop. 2,374,782; May 1.

Schaich, Wilbur A., Springfield, Mass. Cartridge belt. 2,372,685; Apr. 3.

Schairer, George S., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft with high-speed stability. 2,385,845; Oct. 2.

Schallis, Charles A., Detroit, Mich. Control handle. 2,367,892; Jan. 23.

Schambra, William P., and C. M. Shigley, Freeport, Tex., assignors to The Dow Chemical Company, Midland, Mich. Purification of chlorine-containing gases. 2,369,610; Feb. 13.

Schantl, Erich: *See*—
Messner, M., and Schantl.

Schanz, George H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for making composite strips. 2,382,177; Aug. 14.

Scharer, Harry, Brooklyn, N. Y. Colorimetric method for testing for available chlorine. 2,385,471; Sept. 25.

Scharf, Frank W., assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 2,373,345; Apr. 10.

Scharf, Michael M.: *See*—
Pelzer, Harold H., assignor.

Scharmann, Walter G.: *See*—
Roetheli, B. E., and Scharmann.

Schatz, Clarence L., Merchantville, N. J. Water ski. 2,389,001; Nov. 13.

Schatz, Joseph M., et al.: *See*—
Mott, William P., assignor.

Schatz, Robert J.: *See*—
Dunlap, R. I., and Schatz.

Schatzman, George W.: *See*—
Fergueson, A. P., and Schatzman.

Schatzman, George W., and A. P. Fergueson, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Automobile window visor. 2,389,002; Nov. 13.

Schaub, André H., Norrkoping, Sweden, assignor to Aktiebolaget Kardbeslag. Card mounting machine. 2,386,718; Oct. 9.

Schaub, Betty A., executrix: *See*—
Schaub, Jacob.

Schaub, Jacob, deceased, by B. A. Schaub, Westfield, N. J., executrix, assignor, by mesne assignments, to The Best Foods, Inc., New York, N. Y. Molding apparatus. 2,370,920; Mar. 6.

Schaufelberger, William F.: *See*—
Harvey, M. T., and Schaufelberger.

Schaufelberger, William F., Irvington, N. J., assignor, by mesne assignments, to The Harvel Corporation. Treating phenol ethers and products produced thereby. 2,386,719; Oct. 9.

Schaufelberger, William F., Orange, and M. T. Harvey, East Orange, N. J., assignors to Harvel Research Corporation. Compositions of matter and methods and steps of making and using the same. 2,366,526; Jan. 2.

Schaufus, Henry S., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Alloy steel and articles. 2,384,565; Sept. 11.

Schaufus, Henry S., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Working alloy steel and products thereof. 2,384,566; Sept. 11.

Schaufus, Henry S., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Alloy steel method and products. 2,384,567; Sept. 11.

Schaumann, Otto: *See*—
Bockmühl, M., Schaumann, Bartholomäus, and Leditschke.

Scheck, William, Ridgefield, N. J. Clamp wrench. 2,379,107; June 26.

Scheer, Hubert J., Collingswood, N. J., assignor to Abrasive Company, Philadelphia, Pa. Apparatus for introducing a coolant into grinding wheels. 2,380,332; July 10.

Scheg, Marcian A., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,366,983; Jan. 9.

Scheg, Marcian A. Rochester, N. Y., and G. F. Wall, Allston, Mass., assignors to General Railway Signal Company, Rochester, N. Y. Coded track circuits for railroads. 2,366,984; Jan. 9.

Scheib, Robert C.: *See*—
Plunkett, B., and Scheib.

Scheibli, James R.: *See*—
Evans, T. W., Blackburn and Scheibli.

Scheid, Arthur A., Rochelle Park, N. J. Drinking fountain. 2,366,427; Jan. 2.

Scheidegger, Jakob, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Monoazo dyestuffs. 2,380,122; July 10.

Scheidemantel, Herman B.: *See*—
Luth, H. J., and Scheidemantel.

Scheiderbauer, Robert A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyvinyl ethers. 2,373,782; Apr. 17.

Scheiwer, Albert T., Erie, Pa. Coupling. 2,377,812; June 5.

Scheld, Wilmar F., and R. I. Weidaw, Wethersfield, Conn. Signal device. 2,376,278; May 15.

Scheldorf, Marvel W.: *See*—
Richardson, L. W., and Scheldorf.

Scheldorf, Marvel W., Schenectady, N. Y., assignor to General Electric Company. High frequency antenna. 2,380,333; July 10.

Schelkunoff, Sergei A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency tanks and resonant cavities. 2,372,228; Mar. 27.

Schellens, Christopher A: *See*—
Coffin, J. S., Jr., and Schellens.

Schellentrager, Eugene W., Shaker Heights, Ohio, assignor to The Atlas Bolt & Screw Company. Trip device for scale mechanism. 2,384,345; Sept. 4.

Schellhaus, John P., Jr., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Machine for making stemware. 2,385,302; Sept. 18.

Schellin, John C., E. J. Housekeeper, and W. H. Brubaker, assignors to The Wooster Brass Company, Wooster, Ohio. Four-way nozzle. 2,389,642; Nov. 27.

Schenk, Carl R., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine motor controller. 2,384,772; Sept. 11.

Schenk, Edouard: *See*—
Johnson, S., and Schenk.

Schenk, Everett M., New Providence, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine control. 2,387,532; Oct. 23.

Schenkel, Emil S., Woodmere, N. Y. Sign construction. 2,372,124; Mar. 20.

Schenker, Abraham W., assignor of one-half to W. Bierman, New York, N. Y. Bed or similar body resting appliance. 2,373,421; Apr. 10.

Schenker, Abraham W., New York, N. Y. Device for measuring pressures exerted by certain body portions on a support therefor. 2,378,039; June 12.

Schenker, Abraham W., New York, N. Y. Bed or similar body resting appliance. 2,391,746; Dec. 25.

Schenley Distillers Corporation: *See*—
Liebmann, A. J., and de Becze, assignors.

Scheppler, Edith F., New York, N. Y. Uniform cap. 2,389,689; Nov. 27.

Scheppmann, Wilhelm: *See*—
Wegener, G., and Scheppmann.

Scher, George, South Orange, N. J. Slide operated fastener. 2,382,261; Aug. 14.

Scher, Louis, Shaker Heights, assignor to The Tickometer Company, Cleveland, Ohio. Counting and printing mechanism. 2,378,250; June 12.

Scherbatskoy, Serge A., Tulsa, Okla. System and apparatus for measuring cloud height and thickness. 2,390,739; Dec. 11.

Scherbatskoy, Serge A., assignor to Engineering Laboratories, Inc., Tulsa, Okla. Amplifying apparatus. 2,376,195; May 15.

Scherbatskoy, Serge A., assignor to Well Surveys, Incorporated, Tulsa, Okla. Ionization chamber. 2,376,196; May 15.

Scherbatskoy, Serge A., Tulsa, Okla., assignor to Well Surveys, Incorporated. Central electrode support. 2,390,965; Dec. 11.

Scherbatskoy, Serge A., R. E. Fearon, and J. Neufeld, Tulsa, Okla., and G. Swift, Red Bank, N. J., assignors to Well Surveys, Incorporated, Tulsa, Okla. Well logging instrument. 2,376,821; May 22.

Scherer, John H., Narberth, assignor to Brown & Bailey Company, Philadelphia, Pa. Foldable box. 2,373,977; Apr. 17.

Scherer, Lewis F., and J. A. South, Houston, Tex., assignors to The Texas Company, New York, N. Y. Treating pipe lines. 2,382,262; Aug. 14.

Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Cap closure. 2,367,739; Jan. 23.

Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Feeder head. 2,367,802; Jan. 23.

Scherer, Robert P., assignor, by mesne assignments, to Gelatin Products Corporation, Detroit, Mich. Machine for forming capsulating material. 2,379,831; July 3.

Schering Corporation: *See*—
Butenandt, A., and Logemann, assignors.
Dannenbaum, Hans, assignor.
Inhoffen, Hans H., assignor.
Fleischer, G. A., and Schwenk, assignors.
Logemann, Willy, assignor.
Serini, A., Köster, and Strassberger, assignors.
Schwenk, E., and Henderson, assignors.
Tschesche, Rudolf, assignor.

Scherl, Egon B., Niagara Falls, N. Y., assignor to The Linde Air Products Company. Blowpipe. 2,385,107; Sept. 18.

Schermerhorn, Howard F.: *See*—
Keuffel, A. W., and Schermerhorn.

Scherry, George A., assignor to H. Goldberg, Chicago, Ill. Automatic stopping and starting generator set. 2,384,135; Sept. 4.
Scheuing, Georg, and B. Walach, Ingelheim-on-the-Rhine, Germany; vested in the Alien Property Custodian. Analgetically effective tetrahydronaphthalene piperidye derivatives. 2,369,611; Feb. 13.
Schey, Ira M., Jr., Bridgeport, Conn., assignor to General Electric Company. Electrical connector. 2,377,187; May 29.
Scheyer, Emanuel, New York, N. Y. Structural section for flexible welded connections. 2,382,583; Aug. 14.
Scheyer, Emanuel, New York, N. Y. Flexible welded structural connection. 2,382,584; Aug. 14.
Scheyer, Roy W., Chicago, Ill. Easel back for pictures. 2,380,076; July 10.
Schibler, Luzius, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of casein. 2,372,986; Apr. 3.
Schick, John R., Santa Ana, Calif., assignor to Radio Corporation of America. Radio alarm system. 2,367,378; Jan. 16.
Schieman, Gustave, Bronx, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Self-sealing paper envelope. 2,367,440; Jan. 16.
Schiemer, Charles J., Lancaster, assignor to Benner, Inc., Mountville, Pa. Latch device for floors of baby yards. 2,382,585; Aug. 14.
Schien, Harold: *See*—
Blicker, Meyer, assignor.
Schien, James N.: *See*—
Walther, Lucian E., assignor.
Schier, Adolph J., assignor to Automotive Products, Inc., Atlanta, Ga. Gasoline mixture indicator. 2,373,055; Apr. 3.
Schiessler, Robert W.: *See*—
Patnode, W. I., and Schiessler.
Schiff, Karl L., Philadelphia, Pa. Dispensing device and arrangement thereof. 2,386,408; Oct. 9.
Schifter, Joseph, assignor, by mesne assignments, to Columbia Blindstitch Machine Co., Inc., New York, N. Y. Sewing machine. 2,390,126; Dec. 4.
Schildhauer, Walter E.: *See*—
Hediger, E., and Schildhauer.
Schill, Bernard J., and H. R. Traphagen, Rockford, Ill., assignors to J. I. Case Company, Racine, Wis. Actuating mechanism. 2,378,330; June 12.
Schiller, Harold, Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Bituminous protective compositions. 2,382,337; Aug. 14.
Schiller, Harold, Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Preparation of basic heavy metal soaps. 2,389,873; Nov. 27.
Schiller, James C., Baytown, Tex., assignor to Standard Oil Development Company. Halogenation of saturated hydrocarbons. 2,368,495; Jan. 30.
Schilling, Frederick A., Jr., Vancouver, British Columbia, Canada. Folding door. 2,383,744; Aug. 28.
Schilling, Karl F., Lakeland, Fla., A. T. Cole, Cartersville, Ga., J. B. Duke, Mulberry, and W. M. Houston, Lakeland, Fla., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentrating ores. 2,382,178; Aug. 14.
Schilling, Richard M., and G. J. Mitchell, Minneapolis, Minn., assignors to General Mills, Inc. Root starch process. 2,380,874; July 31.
Schilling, Theodore F., et al.: *See*—
Perry, Edward W., assignor.
Schillinger, Linus, Syracuse, N. Y. Flag mounting. 2,368,783; Feb. 6.
Schillo, Albert G., Barrington, Ill. Can opener. 2,374,783; May 1.
Schimanek, Emil, Budapest, Hungary; vested in the Alien Property Custodian. Operation of internal-combustion engines with gas generators. 2,382,747; Aug. 14.
Schimkat, Henry, et al.: *See*—
Matt, Joseph, assignor.
Schindler, Frank S., assignor to The Brainard Steel Corporation, Warren, Ohio. Processing of metal strip and the like. 2,390,001; Nov. 27.
Schindler, Hans, Evanston, assignor to The Pure Oil Company, Chicago, Ill. Refining hydrocarbon oil. 2,367,803; Jan. 23.
Schindler, Walter R., Los Angeles, Calif. Manufacturing tying members. 2,371,357; Mar. 13.
Schirgun Corporation: *See*—
Schirokauer, Henry, assignor.
Schiring, Ralph C.: *See*—
Goldfield, E. R., Schiring, and Stava.
Schirm, Erik: *See*—
Hentrich, W., Englebrecht, and Schim.
Hentrich, W., Schirm, and Engelbrecht.
Schirm, Erik, Dessau, Anhalt, Germany; vested in the Alien Property Custodian. Production of higher molecular mercaptals and mercaptols. 2,369,612; Feb. 13.
Schirm, Margaret D.: *See*—
Casmire, Lyle J., assignor.
Schirokauer, Henry, New York, N. Y., assignor to Schirgun Corporation. Gun mechanism. 2,378,331; June 12.
Schirrmeister, Hans, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Refrigerator equipped with motor-driven refrigerating apparatus of the compression type. 2,390,182; Dec. 4.
Schjolin, Hans O., Pontiac, assignor by mesne assignments to General Motors Corporation, Detroit, Mich. Turbodrive control. 2,380,677; July 31.
Schlaanstine, Raymond F., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Rosin modified phenol-aldehyde resin. 2,380,192; July 10.
Schlabach, Raymond M., Canton, Ohio. Glass cleaner. 2,386,066; Oct. 2.
Schlage Lock Company: *See*—
Hahir, Ward H., assignor.
Schlage, Walter R., assignor.
Schlage, W. R. and Hahir, assignors.
Schlage, Walter R., Burlingame, Calif. Door lock. 2,366,934; Jan. 9.
Schlage, Walter R., Burlingame, Calif. Door lock. 2,389,819; Nov. 27.
Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door knob fastener. 2,369,494; Feb. 13.
Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,370,690; Mar. 6.
Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,370,691; Mar. 6.
Schlage, Walter R., Burlingame, and W. H. Hahir, San Mateo, assignors to Schlage Lock Company, San Francisco, Calif. Door lock. 2,380,708; July 31.
Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Polishing disk. 2,366,877; Jan. 9.
Schlegel Manufacturing Company, The: *See*—
Schlegel, Carl F., assignor.
Schleich, Hans: *See*—
Pfannmuller, J., Schade, and Schleich.
Schleifer, Carlo, Milan, Italy; vested in the Alien Property Custodian. Supporting and actuating means for vertically reciprocating members. 2,370,328; Feb. 27.
Schleisner, George W., Janesville, Wis. Outboard motor support. 2,379,256; June 26.
Schlenker, Rudolf P., Lynnfield, Mass., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,386,067; Oct. 2.
Schlenkert, John E., Detroit, Mich. Ceiling hanger. 2,376,279; May 15.
Schlenzig, Carl S., Upper Darby, Pa. Power-driven tool. 2,372,125; Mar. 20.
Schlesinger, Benjamin, Brooklyn, assignor to Railroad Accessories Corporation, New York, N. Y. Lightning arrester. 2,386,720; Oct. 9.
Schlesinger, Jacob, Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Garment trimming apparatus. 2,377,907; June 12.
Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Electronic relay. 2,366,357; Jan. 2.
Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Television amplifier circuit. 2,366,358; Jan. 2.
Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Frequency divider. 2,375,950; May 15.
Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Oscillation generator. 2,383,822; Aug. 28.
Schlesinger, Kurt, West Lafayette, Ind., assignor to Radio Corporation of America. Video amplifier. 2,384,263; Sept. 4.
Schlesman, Carleton H.: *See*—
Francis, A. W., and Schlesman.
Schlesman, Carleton H., Camden, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Hydrocarbon synthesis. 2,378,439; June 19.
Schlieben, Ernest W., Scarsdale, N. Y., A. S. Ogden, Upper Darby, Pa., and I. Berler, Brooklyn, assignors to York Research Corporation, New York, N. Y. System and apparatus for determining the distribution of the load in an aircraft. 2,373,504; Apr. 10.
Schlifer, Frederick, Toronto, Ontario, Canada. Locking mechanism. 2,373,783; Apr. 17.
Schloss, Fritz, South Norwalk, Conn. Toy bomb. 2,390,002; Nov. 27.
Schloss, Morris, New York, N. Y. Automatic stitching device. 2,373,784; Apr. 17.
Schloss, Morris, New York, N. Y. Automatic device for stitching hat brims. 2,389,388; Nov. 20.
Schlosser, Paul H., and K. R. Gray, Shelton, Wash., assignors to Rayonier Incorporated, San Francisco, Calif. Viscose production. 2,373,712; Apr. 17.
Schlotthauer, Herman, Chicago, Ill. Shaver. 2,376,197; May 15.
Schlueter, Ernest, Hollis, N. Y. Slotted screw. 2,384,264; Sept. 4.
Schlumberger, Marcel, Paris, France; vested in the Alien Property Custodian. Gun perforator. 2,381,081; Aug. 7.
Schlumberger, Marcel, Saint Gaudens, Haute Garonne, France; vested in the Alien Property Custodian. Well conditioning apparatus. 2,381,929; Aug. 14.

Schlumberger Well Surveying Corporation: *See*—
Agnew, Robert D., assignor.
Aiken, Charles B., assignor.
Schlumbohm, Peter, New York, N. Y. Whirlpool flask. 2,387,092; Oct. 16.
Schmarion, Herman, Bronx, N. Y. Protecting device and using said device. 2,379,191; June 26.
Schmarion, Herman, New York, N. Y. Prism system. 2,380,469; July 31.
Schmelkes, Franz C., Montclair, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Monoalkyl ethers of hexestrol and producing same. 2,385,472; Sept. 25.
Schmelkes, Franz C., Montclair, N. J., and F. J. G. de Leeuw, East Aurora, N. Y., assignors to Wallace & Tiernan Products Inc. Composite therapeutic film. 2,381,621; Aug. 7.
Schmelter, Gordon P.: *See*—
Freeman, R. D., and Schmelter.
Schmerling, Louis: *See*—
Ipatieff, V. N., and Schmerling.
Schmerling, Louis, Riverside, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of alkanoic acids. 2,370,494; Feb. 27.
Schmerling, Louis, assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic compounds. 2,385,303; Sept. 18.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of aromatic hydrocarbons. 2,369,495; Feb. 13.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Catalyst manufacture. 2,369,691; Feb. 20.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of aromatic hydrocarbons. 2,375,041; May 1.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Production of aromatic ketones. 2,386,007; Oct. 2.
Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,388,937; Nov. 13.
Schmid, Carl J., assignor to Julius Schmid, Inc., New York, N. Y. Package and method of packing. 2,390,900; Dec. 11.
Schmid, Emil, Washington, D. C. Pillow. 2,373,422; Apr. 10.
Schmid, Julius, Inc.: *See*—
Fingado, G. A., and Ludwig, assignors.
Schmid, Carl J., assignor.
Schmid, Lukas: *See*—
Präuse, R., and Schmid.
Schmid, René, Lausanne, Switzerland. Vacuum work holder. 2,366,935; Jan. 9.
Schmidinger, Joseph, Lake George, N. Y. Thermal switch and relay. 2,388,712; Nov. 13.
Schmidt, Agnes L., Beverly Hills, Calif. Suction clothes-brush. 2,374,461; Apr. 24.
Schmidt, August, Jr.: *See*—
Mittag, A. H., and Schmidt.
Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. Electric valve circuit. 2,366,561; Jan. 2.
Schmidt, August, Jr., Schenectady, N. Y., assignor to General Electric Company. Electrode support. 2,367,966; Jan. 23.
Schmidt, Benjamin F., Los Angeles, Calif. Nibbler attachment for power machines. 2,387,411; Oct. 23.
Schmidt, Charles B., Buffalo, N. Y. Focusing attachment for cameras. 2,381,228; Aug. 7.
Schmidt, David, Lakewood, assignor to The Dobeckmun Company, Cleveland, Ohio. Bag and making same. 2,370,079; Feb. 20.
Schmidt, Edward P., Hollywood, Ill. Bearing clutch. 2,391,350; Dec. 18.
Schmidt, Francis W., Chicago, Ill. Stylus. 2,385,945; Oct. 2.
Schmidt, Gerhard, Berlin, Germany; vested in the Alien Property Custodian. Self-interrupter. 2,387,616; Oct. 23.
Schmidt, Gottfried J., Pearl River, assignor to Bowling Patents Management Corporation, New York, N. Y. Ball and pin handling mechanism for bowling pin setting machines. 2,389,643; Nov. 27.
Schmidt, Heinrich, Niedercunnersdorf, Germany; vested in the Alien Property Custodian. Bleaching process for fluids. 2,369,757; Feb. 20.
Schmidt, Henry, Forsyth, Mont. Smut remover and grain cleaner. 2,388,343; Nov. 6.
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,381,777; Aug. 7.
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Blower apparatus. 2,390,332; Dec. 4.
Schmidt, Henry W., Wilmette, Ill., assignor to General Motors Corporation, Detroit, Mich. Engine turning means. 2,388,803; Nov. 13.
Schmidt, Herbert W., assignor to The Dow Chemical Company, Midland, Mich. Cold-working magnesium alloy tubes. 2,378,729; June 19.
Schmidt, Hermann H., Hanover, Kans., assignor to The Universal Royalty and Developing Company, St. Joseph, Mo. Spraying, blending, and impregnating method. 2,374,462; Apr. 24.
Schmidt, James M., Philadelphia, Pa. Internal and external milling attachment. 2,372,913; Apr. 3.
Schmidt, Johannes: *See*—
Gosslau, F., and Schmidt.
Gosslau, F., Schmidt, and Weiche.
Gosslau, F., Schmidt, and Zarnack.
Schmidt, John E., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for testing cans for leaks. 2,391,351; Dec. 18.
Schmidt, John E., Oak Park, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Knot tightening device. 2,391,644; Dec. 25.
Schmidt, Lewis W.: *See*—
Lea, H. V., and Schmidt.
Lea, H. V., Schmidt, and du Bose.
Schmidt, Lloyd K., et al.: *See*—
Lea, H. V., and Schmidt, assignors.
Lea, H. V., Schmidt, and du Bose, assignors.
Schmidt, Martin, Weende, near Gottingen, and K. Gmöhling, Gottingen, Germany; vested in the Alien Property Custodian. Nut. 2,371,927; Mar. 20.
Schmidt, Marvin T: *See*—
Scholz, H. A., Wise, Gill, and Schmidt.
Schmidt, Maximilian P., Wiesbaden-Biebrich, and G. von Poser, Wiesbaden, Germany; vested in the Alien Property Custodian. Photographic printing material. 2,378,583; June 19.
Schmidt, Paul, Wytheville, Va. Full-fashioned stocking and producing the same. 2,390,003; Nov. 27.
Schmidt, Rudolf: *See*—
Beeg, H., and Schmidt.
Schmidt, Vernon J., Long Beach, Calif. Race track. 2,387,859; Oct. 30.
Schmidt, Willi, and K. Seydel, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of cyclic oxygen compounds. 2,387,617; Oct. 23.
Schmidt, William A.: *See*—
Gladfelter, W. I., and Schmidt.
Schmidt, Willy A.: *See*—
Coroniti, S. C., and Schmidt.
Schmied, William F., Blue Island, Ill., assignor to International Harvester Company. Wheel truck mounting. 2,387,093; Oct. 16.
Schmieder, William, Ridgewood, assignor to A. J. Heidt, New York, N. Y. Safety lamp guard. 2,385,655; Sept. 25.
Schmitt, Alfred, Buffalo, N. Y. Tube bending machine. 2,389,937; Nov. 27.
Schmitt, Arthur J., Foundation, The: *See*—
Schmitt, Arthur J.
Schmitt, Arthur J., Chicago, Ill. Electrical connector. 2,371,551; Mar. 13.
Schmitt, Arthur J., Chicago, Ill., assignor to D. B. Alexander, C. V. Wisner, Jr., and J. F. Mannion, as trustees of The Arthur J. Schmitt Foundation. Socket. 2,376,625; May 22.
Schmitt, Friedrich, Chemnitz, Germany, assignor to American Hyalsol Corporation, Wilmington, Del. Bating composition. 2,369,256; Feb. 13.
Schmitt, George P., assignor to Cardinal Products Inc., New York, N. Y. Catalytic lighter. 2,368,381; Jan. 30.
Schmitt, George P., assignor to Cardinal Products Inc., New York, N. Y. Catalytic heater. 2,384,852; Sept. 18.
Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can body feed timing mechanism. 2,371,926; Mar. 20.
Schmitt, Richard H., Schenectady, N. Y., assignor to General Electric Company. Electric resistor. 2,383,823; Aug. 28.
Schmitt, Walter H.: *See*—
Schmitt, Walter W. and W. H.
Schmitt, Walter W. and W. H., Detroit, Mich. Boat. 2,375,139; May 1.
Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Marine drive. 2,368,885; Feb. 6.
Schmitz, Robert M., Milford, Conn. Deburring machine. 2,377,108; May 29.
Schmitz, Werner, Grenchen, Switzerland. Watertight watchbase. 2,366,985; Jan. 9.
Schmitz, Werner, Grenchen, Switzerland. Watchcase. 2,385,234; Sept. 18.
Schmitz, William, Miami, Fla. Trolling spoon; 2,379,660; July 3.
Schmitz, William R., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Material feeding apparatus. 2,383,085; Aug. 21.
Schmucker, Earl T., Rapid City, S. Dak. Torque controlled electric motor. 2,387,533; Oct. 23.
Schmued, Edgar, assignor to North American Aviation, Inc., Inglewood, Calif. Adjustable chair. 2,369,076; Feb. 6.
Schnable, Albert E., Ocean Grove, N. J. Tool head or the like. 2,387,412; Oct. 23.
Schneckloth, Harry H., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,372,022; Mar. 20.

Schneckloth, Edward H., Davenport, Iowa. Combined fairing and chock for aircraft. 2,390,127; Dec. 4.
Schneebalg, Olga, et al.: *See*—
Konikoff, Robert H., assignor.
Schneible, Claude B., Detroit, Mich. Separation of solids in a medium. 2,368,263; Jan. 30.
Schneible, Claude B., Detroit, Mich. Separating apparatus. 2,378,798; June 19.
Schneible, Claude B., and C. C. Hermann, Detroit, Mich.; said Hermann assignor to said Schneible. Separating apparatus. 2,374,238; Apr. 24.
Schneider, Adolf, and E. Ungethuem, Karlsruhe, Baden, Germany; vested in the Alien Property Custodian. Toggle lever press. 2,387,041; Oct. 16.
Schneider, Benjamin B.: *See*—
Podbielniak, Walter J., assignor.
Schneider, Edgar R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor improvement. 2,370,584; Feb. 27.
Schneider, Edward J. Bellerose, N. Y. Jacob's ladder. 2,373,346; Apr. 10.
Schneider, Elbert D.: *See*—
Kubler, E. F., Schneider, and Nonken.
Schneider, Elbert D., Scotia, N. Y., assignor to General Electric Company. Control system. 2,367,619; Jan. 16.
Schneider, Eugene S., Los Angeles, Calif. Coat hanger. 2,385,588; Sept. 25.
Schneider, Frank H., assignor to Florence Stove Company, Gardner, Mass. Oil burner ignition means. 2,373,266; Apr. 10.
Schneider, George, Montclair, N. J., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Resilient materials. 2,371,710; Mar. 20.
Schneider, Harvey S., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Lifting tool for elevator chains. 2,377,270; May 29.
Schneider, Herbert H., East Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Spheroidizing S. A. E. 2300 series steels. 2,376,454; May 22.
Schneider, Josef, Oberursel in Taunus, Germany; vested in the Alien Property Custodian. Production of porous bodies. 2,371,928; Mar. 20.
Schneider, Max, Brooklyn, N. Y. Skin assembling method and product. 2,385,884; Oct. 2.
Schneider, Rolf E., Jackson Heights, assignor to The Lummus Company, New York, N. Y. Styrene distillation. 2,385,235; Sept. 18.
Schneider, Stanley S.: *See*—
Gregory, L. W., and Schneider.
Schneider, Stanley S., Halethorpe, and L. W. Gregory, Baltimore, Md., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Multiple-channel inductive heating apparatus. 2,385,031; Sept. 18.
Schneider, Theodor, Zurich, Switzerland. Mounting for automatic firearms arranged on aircraft. 2,380,470; July 31.
Schneider, Walter H., Ridgefield, N. J., assignor to Keuffel & Esser Company, Hoboken, N. J. Drawing instrument. 2,390,466; Dec. 4.
Schneider, Wilhelm: *See*—
Fröhlich A., and Schneider.
Frolich, A., and Schneider.
Schneider, Wilhelm, Dessau, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic multicolor images. 2,374,505; Apr. 24.
Schneider, Wilhelm, and A. Fröhlich, Dessau, and G. Neugebauer, Bitterfeld, Germany; vested in the Alien Property Custodian. Production of color photographic images. 2,376,822; May 22.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure system. 2,368,043; Jan. 23.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Yieldable device. 2,372,023; Mar. 20.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Yieldable device. 2,373,505; Apr. 10.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure compounding system. 2,373,506; Apr. 10.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Pump. 2,376,016; May 15.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure compounding system. 2,377,813; June 5.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe adjusting means. 2,380,795; July 31.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Centralizing device for brake shoes. 2,380,796; July 31.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Ratio changing fluid pressure system. 2,381,004; Aug. 7.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure compounding system. 2,381,930; Aug. 14.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,382,263; Aug. 14.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Industrial brake. 2,384,346; Sept. 4.
Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Centralizing means for brake shoes. 2,391,074; Dec. 18.
Schneller, George H.: *See*—
Manchey, L. L., and Schneller.
Schneller, Rudy F.: *See*—
Rotter, L. C., Klein, Reisert, and Schneller.
Schnerb, Isaac: *See*—
Bloch, R., and Schnerb.
Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pantothenic acid and the salts thereof. 2,377,814; June 5.
Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Pyridine derivatives and manufacture of same. 2,384,136; Sept. 4.
Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of pyridine derivatives. 2,384,137; Sept. 4.
Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Alkylated phenyl-isopropyl-amines and the manufacture of same. 2,384,700; Sept. 11.
Schnitzer, Benjamin J.: *See*—
Cooper, J. F., Schnitzer, and Flickinger.
Schnur, Mathew, Chicago, Ill. Lock. 2,390,467; Dec. 4.
Schoch, Thomas J., La Grange, Ill., assignor to Corn Products Refining Company, New York, N. Y. Modification of starch. 2,386,509; Oct. 9.
Schock, Gusmer & Co., Inc.: *See*—
Schock, R. C., assignor.
Schock, Robert C., New Rochelle, assignor to Schock, Gusmer & Co., Inc., Hoboken, N. J. Device for regulating the height of masher arms. 2,382,264; Aug. 14.
Schoelkopf, Louis F., Madison, Wis. Inertia door operating device. 2,380,334; July 10.
Schoen, August C., Philadelphia, Pa. Saw filing device. 2,376,941; May 29.
Schoen, Edward H., Honolulu, Hawaii. Engine crank shaft to piston connecting mechanism. 2,390,558; Dec. 11.
Schoen, Fred C., Roselle Park, N. J., D. F. Evans, Queens Village, N. Y., and F. C. T. Schoen, Elizabeth, N. J. Marine steering apparatus. 2,391,645; Dec. 25.
Schoen, Fred C. T.: *See*—
Schoen, F. C., Evans, and Schoen.
Schoenberg, Benjamin, Corona, N. Y. Switch operating device. 2,382,823; Aug. 14.
Schoenfeld, Frank K., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preplasticized vinyl polymers. 2,373,347; Apr. 10.
Schoenfeld, Frank K., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization in aqueous emulsion. 2,380,554; July 31.
Schoeniger, William, Crichton, Ala. Layout and drill jig. 2,373,918; Apr. 17.
Schoenlaub, Robert A.: *See*—
Lee, H. C., Lee, and Schoenlaub.
Schoepfer, Alfred C., and J. W. Parker, Detroit, Mich. Garment stretcher. 2,390,004; Nov. 27.
Schoepflin, Paul H., New York, and C. N. Deverall and R. C. Stutz, assignors to Niagara Blower Company, Buffalo, N. Y. Heat exchange device. 2,379,932; July 10.
Schoeppner Karl P., Milwaukee, Wis. Multiple bit toolholder. 2,382,106; Aug. 14.
Schoessow, Earl E., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Penstock and fabricating penstocks. 2,391,747; Dec. 25.
Schofield, Earl L., Auburn, Ind., and W. T. Jacobs, assignors to Henney Motor Company, Freeport, Ill. Foldable stretcher handle. 2,371,711; Mar. 20.
Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Ambulance. 2,387,186; Oct. 16.
Schofield, Elbert O., Centralia, Wash. Gaff hook. 2,372,743; Apr. 3.
Scholes, Richard T., Hinsdale, Ill. Rail fastening means. 2,385,032; Sept. 18.
Scholfield, Richard P., assignor to Scholfield Service, Inc., New York, N. Y. Filing apparatus. 2,368,162; Jan. 30.
Scholfield Service, Inc.: *See*—
Scholfield, Richard P., assignor.
Scholl, Charles F., Chicago, and R. W. Bergman, Lockport, assignors to The Scholl Mfg. Co., Inc., Chicago, Ill. Helmet construction. 2,371,712; Mar. 20.
Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Fuel feeding apparatus. 2,369,370; Feb. 13.
Scholl Mfg. Co., Inc.: *See*—
Scholl, C. F., and Bergman, assignors.
Scholl, William M., Chicago, Ill. Method and apparatus for fitting thermoplastic arch supports. 2,367,804; Jan. 23.
Scholz, Herman A., Evanston, J. K. Wise, Chicago, J. W. Gill, Elmhurst, and M. T. Schmidt, assignors to United States Gypsum Company, Chicago, Ill. Coating compositions. 2,379,402; June 26.
Scholz, Louis A., Dayton, Ohio. Stereoscopic modeling machine. 2,386,816; Oct. 16.

Schonberg, Jackson R., Westfield, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,370,816; Mar. 6.

Schonberg, Jackson R., Westfield, and R. A. Given, Elizabeth, N. J., assignors to Standard Oil Development Company. Settler. 2,375,590; May 8.

Schonert, Koester E., and W. C. Hatfield, assignors to Airadio Incorporated, Stamford, Conn. Locking mount. 2.376,280; May 15.

Schonitzer, Rudolph I.: *See*—
Allen, E. L., and Muster, assignors.
Muster, Harold B., assignor.

Schonitzer, Rudolph I., Shaker Heights, Ohio. Tread block core for endless tracks and the like. 2,371,071; Mar. 6.

Schonitzer, Rudolph I., Shaker Heights, Ohio. Rotary bolt for door latches. 2,374,840; May 1.

Schonitzer, Rudolph I., Shaker Heights, and E. L. Allen, and H. B. Muster, Cleveland Heights, Ohio; said Allen and said Muster assignors to said Schonitzer. Connection box for electrical terminals. 2,383,518; Aug. 28.

Schonitzer, Rudolph I., Shaker Heights, and E. L. Allen, and H. B. Muster, Cleveland Heights, Ohio; said Allen and said Muster assignors to said Schonitzer. Connection box for electrical terminals. 2,383,621; Aug. 28.

Schoolfield, Lucille D., and J. B. Timberlake, Washington, D. C. Educational device. 2,369,804; Feb. 20.

Schoonderwoerd, Jacobus G.: *See*—
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood, assignors.

Schoonmaker, James M., Jr., Sewickley, and F. Stockton, assignors to Standard Steel Spring Company, Coraopolis, Pa. Producing protected metal articles. 2,381,778; Aug. 7.

Schoonover, William R.: *See*—
Sconce, J. S., Rucker, Whitmire, and Schoonover.

Schopmeyer, Herman H.: *See*—
Daly, R. E., Frankenfield, and Schopmeyer.

Schorer Corporation: *See*—
Schorer, Herman, assignor.

Schorer, Herman, Valhalla, assignor to Schorer Corporation, New York, N. Y. Prestressing reinforcing device for concrete. 2,378,584; June 19.

Schorer, Otto J., Northampton, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Feeding mechanism. 2,385,946; Oct. 2.

Schori, Fritz, Wetzikon, assignor to Bauer A. G. Zurich, Switzerland. Pin tumbler lock. 2.379,040; June 26.

Schorn, Carl F., Detroit, Mich., assignor to G. M. and E. Holley. Spark, supercharger, and throttle control. 2,389,003; Nov. 13.

Schorovsky, Agnes, New York, N. Y. Buoyant apparel. 2,374,506; Apr. 24.

Schott, John F., E. A. Luxenberger, and G. W. Blair, Mishawaka, Ind., assignors to United States Rubber Company, New York, N. Y. Method and apparatus for producing latex foam. 2,376,281; May 15.

Schottland, Edward, Forest Hills, assignor of one-half to R. Schottland, Jackson Hieghts, N. Y. Grinding machine. 2,371,552; Mar. 13.

Schottland, Robert: *See*—
Schottland, Edward, assignor.

Schotz, Otto W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,369,861; Feb. 20.

Schotz, Otto W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchromesh transmission. 2,376,512; May 22.

Schrader, Harold D., Great Falls, assignor to Sullivan Valve and engineering Company, Butte, Mont. Gas burner. 2,367,143; Jan. 9.

Schrader, Walter, Garden City, assignor to American Soil Products Co., Inc., New York, N. Y. Garden seeder. 2,388,501; Nov. 6.

Schrage, Frederick S., Rock Island, Ill., assignor, by mesne assignments, to The Bettendorf Company, Bettendorf, Iowa. Car truck. 2,368,784; Feb. 6.

Schramm, Carl, North Coventry, assignor to Smyth Manufacturing Company, Hartford, Conn. Book signature feeding method. 2,390,901; Dec. 11.

Schramm, Roy A., assignor of forty per cent to E. S. Johnson, Bay City, Mich. Grinding attachment for lathes. 2,380,335; July 10.

Schraner, Albert P.: *See*—
Egger, Walter F., assignor.

Schraner, A. P., & Co.: *See*—
Egger, Walter F.

Schrank, Max C., Bridgeton, N. J. Sleeve construction. 2,368,573; Jan. 30.

Schreck, Henry, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Hydraulic operating unit. 2,384,701; Sept. 11.

Schreffler, Carl B.: *See*—
Arnold, A., and Schreffler.

Schreiber, Frederic, Detroit, Mich. Cervical collar. 2,389,690; Nov. 27.

Schreiber, Fredrick D., Darmont, Pa. Gas purification. 2,386,359; Oct. 9.

Schreiber, Herman, Lansing, Mich. Purifying diffusion juice. 2,379,319; June 26.

Schreiber, Raymond P., and W. McC. Lee, Washington, D. C., assignors to Government of the United States of America, as represented by the Secretary of War and his successors in office. Temperature indicator. 2,379,459; July 3.

Schreiber, Richard S.: *See*—
Hoffman, W. A., and Schreiber.
Miller, H. C., and Schreiber.

Schreiber, Rudolph E., Chicago, Ill. Buckle. 2,384,197; Sept. 4.

Schreiber, William, assignor to The Atlantic Refining Company, Philadelphia, Pa. Stabilized lubricant composition. 2,370,080; Feb. 20.

Schreyer, Edward P., Milwaukee, Wis. Pressing iron. 2,384,644; Sept. 11.

Schrimpe, Conrad F.: *See*—
Rector, C., and Schrimpe.

Schriner, Oliver L., Attica, N. Y. Burglar alarm. 2,374,139; Apr. 17.

Schröder, Alf, Brooklyn, N. Y. Combustion engine. 2,381,465; Aug. 7.

Schroder, Arvid M., Worcester, Mass. Universal standard. 2,379,379; June 26.

Schroder, Charles H., Philadelphia, Pa., assignor to Bernitz Furnace Appliance Company, Boston, Mass. Gas generator. 2,371,929; Mar. 20.

Schröder, Ernst: *See*—
Elssner, G. and Schröder.

Schroder, Paul W., Covington, Ky. Control valve for work ejectors. 2,385,733; Sept. 25.

Schroder, Walter L., Hortonville, and T. A. Rogers, deceased, by E. H. Rogers, Stevens Point, Wis., executrix. Canning green vegetables. 2,390,468; Dec. 4.

Schroeder, Alfred C., Feasterville, Pa., assignor to Radio Corporation of America. Keyed multifrequency negative resistance apparatus. 2,389,004; Nov. 13.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift truck. 2,367,061; Jan. 9.

Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Electric connector. 2,369,860; Feb. 20.

Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Safety lock lever. 2,370,998; Mar. 6.

Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Sliding safety lock lever. 2,388,188; Oct. 30.

Schroeder, Ernest R., Hawthorne, and V. Willoughby, Ridgewood, N. J., assignors to American Car and Foundry Company, New York, N. Y. Articulated car. 2,373,348; Apr. 10.

Schroeder, Frank J., Cleveland, Ohio. Nonskid attachment for crutches or canes. 2,376,282; May 15.

Schroeder, Robert J.: *See*—
Curtis, R. R., and Schroeder.

Schroeder, Wesley D.: *See*—
Britton, E. C., Coleman, and Schroeder.
Coleman, G. H., Schroeder, and Griess.

Schroeppel, Harold H., Glen Rock, N. J., assignor to American Telephone and Telegraph Company. Telephone system. 2,367,062; Jan. 9.

Schroeter, Bruno, assignor to O. & S. Bearing Company, Detroit, Mich. Self-lubricating bearing. 2,368,886; Feb. 6.

Schrom, Oscar G.: *See*—
Barraja-Frauenfelder, J., and Schrom.

Schroth, Adolf, New-Kaliss, Germany; vested in the Alien Property Custodian. Safety paper. 2,378,585; June 19.

Schroy, Paul C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing melamine resin and product thereof. 2,385,383; Sept. 25.

Schroy, Paul C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Heat-treated asbestos filled molding composition. 2,385,384; Sept. 25.

Schroy, Paul C., J. Grabowski, and M. J. Scott, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing molding compositions and the products thereof. 2,388,293; Nov. 6.

Schubart, Frederick C., Cleveland, Ohio, assignor to American Cyanamid Company, New York, N. Y. Production of chlorinated carbocyclic carboxylic acids. 2,389,088; Nov. 13.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic adjustment of lens diaphragms. 2,389,087; Nov. 13.

Schubert, Alvin E., H. P. Hintz, and H. J. Stettner, assignors to Eastman Kodak Company, Rochester, N. Y. Control for record handling and copying apparatus. 2,391,274; Dec. 18.

Schubert, Andrew J., Burbank, and H. S. Adelhanof, Sherman Oaks, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Flanged metal article and making same. 2,384,402; Sept. 4.

Schubert, Carl E., Lansing, Mich. Turnbuckle securing device. 2,367,740; Jan. 23.

Schubert, Edwin L., Philadelphia, Pa. Hosiery and making same. 2,375,253; May 8.

Schubert, Ernst, Jonsdorf, near Zittau, and H. Pierer, Zittau, Germany; vested in the Alien Property Custodian. Dyeing and finishing of textiles. 2,369,613; Feb. 13.

Schubert, Otto.: *See*—
Abrams, O. A., and Schubert.
Schuchardt, John R., Bayside, N. Y. Pressure casting machine. 2,386,271; Oct. 9.
Schuchmann, Hans: *See*—
Ruska, E., Schuchmann, Ruska, and Müller.
Schuck, Carl L., Philadelphia, Pa., assignor to General Electric Company. Electrical fuse device. 2,382,265; Aug. 14.
Schuck, Carl L., Philadelphia, Pa., assignor to General Electric Company. Circuit interrupter. 2,391,748; Dec. 25.
Schuckers, John M., assignor to The Hilliard Corporation, Elmira, N. Y. Clutch. 2,370,199; Feb. 27.
Schuckers, John M., assignor to The Hilliard Corporation, Elmira N. Y. Clutch. 2,371,653; Mar. 20.
Schueller, Frank R., assignor to The Chas. W. Breneman Company, Cincinnati, Ohio. Window shade and supporting bracket. 2,375,496; May 8.
Schuff, Walter: *See*—
Feisst, W., Roelen, and Schuff.
Schug, Howard L., Palo Alto, Calif., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,366,562; Jan. 2.
Schuh, Charles, Brooklyn, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Light-weight nonmetallic composition containing palmetto pith. 2,382,448; Aug. 14.
Schuh, William H., Aberdeen, assignor to Grays Harbor Chair & Mfg. Company, Hoguiam, Wash. Typewriter support. 2,370,607; Feb. 27.
Schukraft, William, Chicago, Ill. Bending metal strips. 2,368,163; Jan. 30.
Schüler, Hugo, and H. Grüttner, Chemnitz, and E. Dronigke, Sommerda, Germany; vested in the Alien Property Custodian. Calculating typewriter. 2,387,618; Oct. 23.
Schuller, John H., New Castle, Pa. Amphibious boat. 2,376,626; May 22.
Schulman, Henry H., Bronx, and M. Olswang, Queens, N. Y. Fountain pen. 2,369,080; Feb. 6.
Schultis, Carl T.: *See*—
Fleischbauer, R., Müller, and Schultis.
Schultz, Alfred and C., Upham, N. D. Farm implement. 2,381.005; Aug. 7.
Schultz, Alfred S., and L. Atkin, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Pantothenic acid formation. 2,377,044; May 29.
Schultz, Arthur C.: *See*—
Bunting, A. L., and Schultz.
Schultz, Arthur F.: *See*—
Chapman, S. H., and Schultz.
Foresman, R. A., Mosshart, and Schultz.
Schultz, Arthur F., Springfield, and D. J. Mosshart, Ardmore, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,391,596; Dec. 25.
Schultz, Carl: *See*—
Schultz, Alfred and C.
Schultz, Frank A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding apparatus. 2,378,586; June 19.
Schultz, Henry F., New Lothrop, Mich. Trailer hitch. 2,381,841; Aug. 7.
Schultz, Irving W., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Trimming machine. 2,373,267; Apr. 10.
Schultz, John W.: *See*—
Richmond, W. E., and Schultz.
Schultz, Kristian, assignor to Armour and Company, Chicago, Ill. Method and apparatus for forming tubular casings. 2,382,504; Aug. 14.
Schultz, Maxwell L., Scarsdale, N. Y. Ultraviolet ray applicator. 2,383,421; Aug. 21.
Schultz, William F., Ripon, Wis. Float controlled meter. 2,366,808; Jan. 9.
Schultz, William O., Scarsdale, assignor to Crucible Steel Company of America, New York, N. Y. Wire drawing process and apparatus. 2,369,805; Feb. 20.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Drop-out fuse device. 2,372,126; Mar. 20.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,378,109; June 12.
Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Fuse cutout. 2,385,473; Sept. 25.
Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Fuse. 2,386,752; Oct. 16.
Schultze, Norman C., Baltimore, Md., assignor, by mesne assignments, to U. S. Industrial Chemicals, Inc. Refining dammar resins. 2,384,138; Sept. 4.
Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Riveting apparatus. 2,381,690; Aug. 7.
Schulz, Herman, assignor to R. H. Schulz, doing business as Master Machine Products, Chicago, Ill. Deburring machine. 2,385,474; Sept. 25.
Schulz, Rudolph H.: *See*—
Schulz, Herman, assignor.
Schulz, Waldemar W., Wells, Minn. Combination fluid and friction clutch. 2,383,824; Aug. 28.
Schulze, Albert C., Riverside, Iowa. Auto director. 2,385,164; Sept. 18.
Schulze, Louis J.: *See*—
Aller, W. F., and Schulze.
Schulze, Walter A.: *See*—
Drennan, H. E., and Schulze.
Schulze, Walter A., Bartlesville, Okla. Stabilization of unsaturated hydrocarbons. 2,386,272; Oct. 9.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,366,936; Jan. 9.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Production of butadiene. 2,371,848; Mar. 20.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,374,507; Apr. 24.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,377,579; June 5.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,377,580; June 5.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Alkylation of hydrocarbons. 2,378,040; June 12.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic treatment of hydrocarbons. 2,380,875; July 31.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Olefin recovery process. 2,382,505; Aug. 14.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Olefin recovery process. 2,382,506; Aug. 14.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion. 2,383,218; Aug. 21.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenating hydrocarbons. 2,384,645; Sept. 11.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,350; Oct. 9.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,351; Oct. 9.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,352; Oct. 9.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of unsaturated hydrocarbons. 2,386,353; Oct. 9.
Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,620; Jan. 16.
Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,621; Jan. 16.
Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,622; Jan. 16.
Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,367,623; Jan. 16.
Schulze, Walter A., and W. N. Axe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Polymerization of diolefins. 2,371,849; Mar. 20.
Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,371,850; Mar. 20.
Schulze, Walter A., and W. N. Axe, assignors to Phillips Petroleum Company. Polymerization of diolefins. 2,376,090; May 15.
Schulze, Walter A., and W. N. Axe, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrogen fluoride recovery process. 2,379,041; June 26.
Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,380,876; July 31.
Schulze, Walter A., and J. A. Guyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Hydrocarbon conversion process. 2,381,466; Aug. 7.
Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,381,691; Aug. 7.
Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,381,692; Aug. 7.
Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenation of hydrocarbons. 2,381,693; Aug. 7.
Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of diolefins. 2,386,354; Oct. 9.
Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of diolefins. 2,386,355; Oct. 9.

Schulze, Walter A., and L. C. Morris, assignors to Phillips Petroleum Company. Process and reagent for treating hydrocarbons. 2,386,356; Oct. 9.

Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,357; Oct. 9.

Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Reagent preparation and use in separation of unsaturated hydrocarbons. 2,386,358; Oct. 9.

Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,386,983; Oct. 16.

Schulze, Walter A., J. C. Hillyer, and H. E. Drennan, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dehydrogenating olefins. 2,391,646; Dec. 25.

Schumacher, Edwin B.: *See*—
Furnas, W. C., Schumacher, and Kercher.

Schumacher, Erwin A., Parma, and G. W. Heise, Rocky River, Ohio, assignors to National Carbon Company, Inc. Electrolytic process for treating a ferrous sulphate solution. 2,389,691; Nov. 27.

Schumacher, Frederick W., Westfield, and R. P. Ferguson, Cranford, N. J., assignors to Standard Oil Development Company. Separation of catalyst from oil. 2,384,967; Sept. 18.

Schumacher, John J., Encino, Calif. Container-drum. 2,383,745; Aug. 28.

Schumann, Alfred F., Baltimore, Md., and A. J. Turpin, Stewart Manor, assignors to Hauck Manufacturing Company, Brooklyn, N. Y. System of fluid fuel supply for multiple burners operation. 2,368,164; Jan. 30.

Schumann, Anne R.: *See*—
Schumann, Robert, assignor.

Schumann, Robert, assignor, by mesne assignments, to A. R. Schumann, Racine, Wis. Small electric machine tool. 2,368,888; Feb. 6.

Schumann, Robert, assignor to A. R. Schumann, Racine, Wis. Flexible shaft and air-cooled hand-piece. 2,377,271; May 29.

Schur, Milton O., Berlin, N. H., assignor, by mesne assignments, to Reconstruction Finance Corporation, Washington, D. C. Surface sized paper product. 2,371,266; Mar. 13.

Schurch, Jacob H., assignor to Angelus Sanitary Can Machinery Co., Los Angeles, Calif. Can double seaming machine. 2,386,069; Oct. 2.

Schurch, Jacob H., assignor to Angelus Sanitary Can Machinery Co., Los Angeles, Calif. Can feed mechanism. 2,388,804; Nov. 13.

Schurger, Garner H.: *See*—
Gallimore, K. F., and Schurger.

Schurtz, Ralph E., Kansas City, Mo., and J. N. Roth, Belding, assignors, by mesne assignments, to Montcalm, Incorporated, Greenville, Mich. Control valve. 2,386,817; Oct. 16.

Schussman, Kenneth L.: *See*—
Cooke, W. T., and Schussman.

Schutt, Friedrich J., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. J. Document feed for photographing machines. 2,377,525; June 5.

Schutte, Albert, Dessau, Anhalt, Germany; vested in the Alien Property Custodian. Device for making screw threads. 2,376,727; May 22.

Schutte, August H.: *See*—
Gibb, J. A., Hayward, and Schutte.

Schutte, August H., Bronxville Manor, N. Y. Liquid-solid separation. 2,370,999; Mar. 6.

Schutte, August H., Bronxville Manor, N. Y. Centrifugal. 2,379,993; July 10.

Schutte, August H., Hastings on Hudson, N. Y. Wax-oil separation. 2,380,077; July 10.

Schutte, August H., Hastings on Hudson, N. Y. Separating wax. 2,380,078; July 10.

Schutte, August H., Hastings-on-Hudson, assignor to The Lummus Company, New York, N. Y. Polyform conversion of hydrocarbons. 2,382,107; Aug. 14.

Schutte, August H., Tuckahoe, N. Y. Emulsion deoiling. 2,385,236; Sept. 18.

Schutte, August H., Hastings-on-Hudson, and V. O. Bowles, Dobbs Ferry, assignors to The Lummus Company, New York, N. Y. Hydrocarbon conversion. 2,390,031; Nov. 27.

Schutter Candy Company: *See*—
Rebechini, Eugene J., assignor.
Schutter, George M., assignor.

Schutter, George M., assignor, by mesne assignments, to Schutter Candy Company, Chicago, Ill. Packaging. 2,384,494; Sept. 11.

Schüttler, Paul, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Nut. 2,382,748; Aug. 14.

Schutz, Alfred J.: *See*—
Shobert, E. I., II, Diehl, and Schutz.

Schutz, Harold R., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Apparatus for burning off glassware. 2,381,467; Aug. 7.

Schutz, Michael, Jackson Heights, assignor to Steinway & Sons, New York, N. Y. Cage nut tool. 2,384,347; Sept. 4.

Schutz, Nathan R., and J. Dubitsky, New York, N. Y., assignors of one-third to A. H. Sachs, Cleveland, Ohio. Adjustable lens mount for gas masks. 2,388,713; Nov. 13.

Schutze, Henry G., Baytown, Tex., assignor to Standard Oil Development Company. Refining hydrocarbon oil for the purpose of removing metal ions. 2,375,694; May 8.

Schuyler, Charles V., Philadelphia, Pa. Marked steel bar and marking. 2,383,165; Aug. 21.

Schuylkill Chemical Company: *See*—
Mecca, Sebastian B., assignor.

Schwab, Martin C., Chicago, Ill. Combination combat and construction vehicle. 2,384,646; Sept. 11.

Schwab, Martin C., Chicago, Ill. Combat vehicle. 2,388,873; Nov. 13.

Schwabe, Joseph L., Jr., West Allis, assignor, by mesne assignments, to C. Backlin, Burlington, Wis. Liquid-supplying device. 2,389,820; Nov. 27.

Schwalb, Robert: *See*—
Smith, M. L., and Schwalb.

Schwartz, Charles, Pittsburgh, Pa. Alkaline detergents. 2,391,647; Dec. 25.

Schwartz, Edward, Hollywood, Calif. Animated picture device. 2,367,967; Jan. 23.

Schwartz, Ernest, assignor to M. Schwartz, Bronx, N. Y. Slipper. 2,389,554; Nov. 20.

Schwartz, Fryderyk, Stockholm, Sweden. Manufacture of synthetic camphor. 2,389,389; Nov. 20.

Schwartz, Grace B.: *See*—
Schwartz, William O. and G. B.

Schwartz, Hyman, Los Angeles, Calif. Razor. 2,375,444; May 8.

Schwartz, Hyman, and W. Castedello, Stamford, Conn., assignors to The Kalart Company, Inc., New York, N. Y. Range finder for cameras. 2,388,714; Nov. 13.

Schwartz, Meyer D., Sunnyside, N. Y. Coat. 2,391,352; Dec. 18.

Schwartz, Miriam: *See*—
Schwartz, Ernest, assignor.

Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation, Chicago, Ill. Sheet metal container and closure seal therefor. 2,371,586; Mar. 13.

Schwartz, Morris, and W. Castedello, Stamford, Conn., assignor to The Kalart Company, Inc., New York, N. Y. Range finder for cameras. 2,376,982; May 29.

Schwartz, Myrtil, New York, N. Y. Road marker. 2,368,330; Jan. 30.

Schwartz, Nathan R., New York, N. Y. Lamp guard. 2,376,316; May 15.

Schwartz, Nathan R., New York, N. Y. Combination work lamp and bulb guard. 2,389,089; Nov. 13.

Schwartz, Samuel: *See*—
Edwards, Jones B., assignor.

Schwartz, William O. and G. B., Los Angeles, Calif. Viewer. 2,377,109; May 29.

Schwarz, Bertram A., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Control means. 2,371,267; Mar. 13.

Schwarz, Bertram A., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Combination solenoid speaker. 2,389,212; Nov. 20.

Schwarz, Bertram A., Kokomo, Ind., assignor to General Motors Corporation, Detroit, Mich. Tuning mechanism. 2,389,213; Nov. 20.

Schwarz Engineering Company, Inc., The: *See*—
McGihon, Leonard, assignor.

Schwarz, Ernst L., assignor to Armour Research Foundation, Chicago, Ill. Motor control. 2,380,268; July 10.

Schwarz, Henry G., Marshallton, Del. Refrigeration unit for internal-combustion engines. 2,385,033; Sept. 18.

Schwarz Laboratories, Inc.: *See*—
Laufer, Louis, assignor.
Laufer, L., and Charney, assignors.

Schwarz, Werner W.: *See*—
Ingwer, M., and Schwarz.

Schwarzkopf, Paul, assignor to American Electro Metal Corporation, Yonkers, N. Y. Making layered armors. 2,372,607; Mar. 27.

Schwarzmayr, Ludwig, San Francisco, Calif. Illumination of rooms. 2,379,933; July 10.

Schwarzmayr, Ludwig, San Francisco, Calif. Reflector support. 2,382,179; Aug. 14.

Schwarzschild, Myron M., Brooklyn, N. Y. X-ray timer. 2,384,647; Sept. 11.

Schwebel, William H., Baldwin, N. Y., assignor, by mesne assignments, to W. B. Scarborough, Englewood, N. J. Aircraft construction. 2,380,336; July 10.

Schweda, Albert M.: *See*—
Le Vesconte, H. J., and Schweda.

Schweichart, William M.: *See*—
Julian, F. G., and Schweichart.

Schweiger, Mitchell F., Berkeley, assignor to J. D. & A. B. Spreckles Company, San Francisco, Calif. Sugar product and making same. 2,373,919; Apr. 17.

Schweitzer, Arnold, Geneva, Switzerland. Pencil lead writing utensil. 2,372,914; Apr. 3.

Schweitzer, Carl E., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino acid synthesis. 2,388,189; Oct. 30.

Schweitzer & Conrad, Inc.: *See*—
Triplett, Hugh A., assignor.

Schweitzer, Edmund O., Jr., Northbrook, Ill. Electrical measuring apparatus. 2,375,591; May 8.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Navigational apparatus. 2,384,348; Sept. 4.
Schweitzer, Howard V., Cleveland, Ohio. Painting machine. 2,373,604; Apr. 10.
Schweizer, Ernest, East Orange, N. J., assignor to Celanese Corporation of America. Screen. 2,370,263; Feb. 27.
Schweizerische Industrie-Gesellschaft: *See*—
End, G., assignor.
Schwend, Fred N., Berkeley, Calif. Aircraft wheel control device. 2,381,842; Aug. 7.
Schwendler, Christopher S.: *See*—
MacDonald, M. J., and Schwendler, C. S. and F. C.
Schwendler, Frederick C.: *See*—
MacDonald, M. J., and Schwendler, C. S. and F. C.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Marine turbine electric drive. 2,382,507; Aug. 14.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control apparatus. 2,383,219; Aug. 21.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Governing apparatus. 2,390,740; Dec. 11.
Schwendner, Anthony F., Ridley Park, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Spreader stoker apparatus. 2,391,597; Dec. 25.
Schwendt, Bernard J., assignor to E. F. Schwendt, Fort Thomas, Ky. Precast foundation. 2,374,624; Apr. 24.
Schwendt, Ethel F.: *See*—
Schwendt, Bernard J., assignor.
Schwenk, Erwin: *See*—
Fleischer, G. A., and Schwenk.
Schwenk, Erwin, Montclair, and E. E. Henderson, Montville, assignors to Schering Corporation, Bloomfield, N. J. Hydroquinone composition. 2,376,884; May 29.
Schwenk, Erwin, Montclair, and E. E. Henderson, Montville, assignors to Schering Corporation, Bloomfield, N. J. Stabilized filter preparations. 2,377,188; May 29.
Schwien, L. N., Engineering Co.: *See*—
Schwien, Leo N., assignor.
Schwien, Leo N., assignor to L. N. Schwien Engineering Co., Los Angeles, Calif. Gyroscopic angular velocity indicator. 2,380,079; July 10.
Schwien, Leo N., assignor to L. N. Schwien Engineering Co., Los Angeles, Calif. System for controlling cabin pressure of aircraft. 2,391,197; Dec. 18.
Schwinn, Frank W., Chicago, Ill. Sealed switch. 2,367,441; Jan. 16.
Schwinn, Frank W., Chicago, Ill. Folding bicycle frame 2,372,024; Mar. 20.
Schwinn, Frank W., Chicago, Ill. Bicycle carrier. 2,379,994; July 10.
Schwinn, Frank W., Chicago, Ill. Folding crank for bicycles. 2,384,139; Sept. 4.
Schwinn, Frank W., Chicago, Ill. Truss bracket. 2,384,968; Sept. 18.
Schwoegler, Edward J.: *See*—
Olin, J. F., and Schwoegler.
Schwoegler, Edward J., Wyandotte, and J. F. Olin, Grosse Ile, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Manufacture of hydroxy alkyl amines. 2,373,199; Apr. 10.
Schymik, Walter H., Oreland, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Shockproof switch. 2,385,304; Sept. 18.
Sciaky, David, assignor to Welding Research, Inc., Chicago, Ill. Method and apparatus for resistance welding. 2,385,947; Oct. 2.
Scielzo, John, et al.: *See*—
Vanore, Joseph, assignor.
Science Laboratories, Inc.: *See*—
Sperti, George, assignor.
Scientific Oil Compounding Co., The: *See*—
Eisenschiml, Otto and G.
Scientific Research and Development, the United States of America as represented by the Executive Secretary of the Office of: *See*—
Calingaert, G., Soroos, and Shapiro, assignors.
Scinta, Anthony C., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,388,089; Oct. 30.
Scofield, Philip F., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Generator field structure. 2,371,268; Mar. 13.
Scoles, Graham J.: *See*—
Dodds, J. M., and Scoles.
Scoles, Graham J., East Sheen London, assignor to Metropolitan-Vickers Electrical Company Limited, London, England. Thermionic valve circuits. 2,383,420; Aug. 21.
Sconce, James S., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Separation of asbestos fiber from associated solids. 2,381,369; Aug. 7.
Sconce, James S., J. T. Rucker, S. E. Whitmire, and W. R. Schoonover, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of chlorinated aliphatic hydrocarbons. 2,385,475; Sept. 25.
Scophony Corporation of America: *See*—
Okolicsanyi, Ferenc, assignor.
Rosenthal, Adolph H., assignor.
Score, Leslie H.: *See*—
Harrison, R. R., and Score.
Scott, Ashton T., Bryn Mawr, assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,369,257; Feb. 13.
Scott Aviation Corporation: *See*—
Koester, N. C., Benzel, and Ledwin, assignors.
Scott, Bert S., St. Paul, Minn. Radius cutter attachment for lathes. 2,386,984; Oct. 16.
Scott, Edwin W., Scotia, N. Y., assignor to General Electric Company. Electrode assembly. 2,388,090; Oct. 30.
Scott, Everette C., assignor to Industrial Patents Corporation, Chicago, Ill. Wrapper. 2,387,217; Oct. 16.
Scott, Frank, Rounds, British Columbia, Canada. Vehicle brake. 2,382,180; Aug. 14.
Scott, Frederick S., assignor to Union Oil Company of California, Los Angeles, Calif. Protection device against aerial and other bombardment. 2,381,779; Aug. 7.
Scott, Gherald D., assignor to The Heald Machine Company, Worcester, Mass. Hydraulic mechanism for machine tools and the like. 2,371,553; Mar. 13.
Scott, Gordon N., Beverly Hills, Calif. Measuring soil resistivity and certain electrical characteristics associated with a buried pipeline. 2,378,440; June 19.
Scott, Harold E. B., London, S. E. 1, assignor to Vickerys Limited, London, England. Vortex separator apparatus for treating paper pulp. 2,375,826; May 15.
Scott, Harold E. B., London, S. E. 1, assignor to Vickerys Limited, London, England. Separator of the vortex type for paper pulp. 2,377,721; June 5.
Scott, Harry R., King City, Calif. Harvesting machine. 2,380,193; July 10.
Scott, Howard, Forest Hills, and P. R. Kalischer, Wilkinsburg, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Purification of gases. 2,383,344; Aug. 21.
Scott-Iversen, Poul Arne, assignor to The Rover Company Limited, Coventry, England. Brake. 2,371,554; Mar. 13.
Scott, James L., Gaston, N. C. Aerial bomb. 2,379,257; June 26.
Scott, John H., Corpus Christi, Tex. Multiple drawing spacer. 2,382,029; Aug. 14.
Scott, Lawrence O.: *See*—
Hays, F. E., and Scott.
Scott, Lazarus, Chicago, Ill. Horn bushing puller. 2,377,973; June 12.
Scott, Lloyd H., Garden City, assignor to Eisemann Corporation, Brooklyn, N. Y. Fluid passage terminus device. 2,366,428; Jan. 2.
Scott, Merle G.: *See*—
Woody, W. B., and Scott, assignors.
Scott, Milton J.: *See*—
Schroy, P. C., Grabowski, and Scott.
Scott, Norman D.: *See*—
Cornthwaite, W. R., and Scott.
Scott, Norris A., Jr., Mountain Lakes, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Heat exchange device. 2,381,006; Aug. 7.
Scott Paper Company: *See*—
Corbin, W. S., Chilson, Tollison, Caffrey, and Pilon, assignors.
Scott, Philip B., London, and A. G. Rose and S. Curtis; said Rose and said Curtis assignors to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Gun turret. 2,370,585; Feb. 27.
Scott, Ray, et al.: *See*—
Compton, Henry P., assignor.
Scott, Richard H., Mansfield, N. Y. Chick developing and poultry cage. 2,369,316; Feb. 13.
Scott, Russell E., Laurel Springs, N. J., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Pen and fountain attachment therefor. 2,367,540; Jan. 16.
Scott, Ruth P., executrix: *See*—
Scott, Winfield.
Scott, Walter F., Milburn, and J. S. Peters, West Orange, N. J., assignors to American Telephone and Telegraph Company. Battery charging system. 2,368,264; Jan. 30.
Scott, William E.: *See*—
Evans, P. B., and Scott.
Scott, William J.: *See*—
Anderson, J. T., Wells, and Scott.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker-movable contact. 2,375,328; May 8.
Scott, William M., Jr., Bryn Mawr, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Air blast circuit breaker and control therefor. 2,390,128; Dec. 4.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Air blast circuit breaker and control therefor. 2,390,333; Dec. 4.
Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Air blast circuit breaker and control therefor. 2,390,966; Dec. 11.
Scott & Williams, Incorporated: *See*—
Getaz, James L., assignor.
Grothey, Ivan W., assignor.
Lawson, Robert H., assignor.
Lawson, R. H., and Bristow, assignors.
Page, Albert E., assignor.
Page, Albert E. and F. R., assignors.
Page, Frank R., assignor.

Scott, Wilson W., Independence, Mo., and C. L. Lewis, Hanford, Wash., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging machine. 2,390,741; Dec. 11.
Scott, Winfield, deceased by R. P. Scott, executrix, assignor to Wingfoot Corporation, Akron, Ohio. Treatment of rubber. 2,379,460; July 3.
Scottish Machine Tool Corporation Limited: *See*—
Clements, Alexander B., assignor.
Scovill Manufacturing Company: *See*—
Bahney, L. W., and Horswell, assignors.
Barlow, William H., assignor.
Fenton, Paul E., assignor.
Howard, George G., assignor.
Huelster, Otto J., assignor.
Page, Frank R., assignor.
Seaver, D. A., and Fenton, assignors.
Sheppard, Harry N., assignor.
Treciokas, Jacob P., assignor.
Wild, Henry W., assignor.
Scovill, Warner E.: *See*—
Hughes, E. C., and Scovill.
Scow, Peter O., St. Paul, Minn. Preparing a coffee substitute. 2,371,320; Mar. 13.
Scrantom, De Hart G., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Part for knitting machines. 2,381,370; Aug. 7.
Scranton, Charles J., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Corn harvester husking roll. 2,391,846; Dec. 25.
Screw Machine Products Company, Inc.: *See*—
Britcliffe, John G., assignor.
Scribner, William L.: *See*—
Buckwalter, T. V., and Scribner.
Scripto Manufacturing Company: *See*—
Hauton, Paul S., assignor.
Scripture, Edward W., Jr., Shaker Heights, Ohio. Cement composition and making same. 2,383,891; Aug. 28.
Scriver, Smith & Zerbst, Incorporated: *See*—
Smith, K., and Zerbst, assignors.
Scrutchfield, Paul H., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Coating composition and producing. 2,376,823; May 22.
Scrutchfield, Paul H., assignor to Hercules Powder Company, Wilmington, Del. Rubber derivative composition. 2,381,694; Aug. 7.
Scudder, Stanley L.: *See*—
Fitch, H. L., and Scudder.
Scullen, Hugh J., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,387,860; Oct. 30.
Scullin, Carl H., East Orange, and L. C. Werner, Bloomfield, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic device. 2,389,277; Nov. 20.
Scully, Charles T.: *See*—
Chatterjea, P. K., and Scully.
Scully, Charles T., assignor to Standard Telephones and Cable Limited, London, England. Circuit arrangement for resistance elements having a high resistance-temperature coefficient. 2,375,497; May 8.
Scully, Frank P., Cambridge, Mass., assignor to Scully Signal Co., East Cambridge, Mass. Signaling nozzle. 2,391,040; Dec. 18.
Scully Signal Co.: *See*—
Scully, Frank P., assignor.
Scully, Sylvester A.: *See*—
Reynolds, W. B., and Scully.
Scutt, Arthur G., assignor to The Carborundum Company, Niagara Falls, N. Y. Making an abrasive article 2,379,544; July 3.
Seaboly, Frank, Champaign, Ill. Portable electric drill. 2,373,785; Apr. 17.
Seabury, Ralph L., and R. A. Daily, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Manufacture of red lead. 2,383,220; Aug. 21.
Seager, John C., White Plains, and P. J. Jensen, assignors to Cosmetic Container Corp., Long Island City, N. Y. Lipstick holder. 2,368,044; Jan. 23.
Seagram, Joseph E., & Sons, Inc.: *See*—
Blankmeyer, H. C., and Stark, assignors.
Willkie, Herman F., assignor.
Seaholm, John P., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Caster wheel mechanism. 2,388,874: Nov. 13.
Seaholm, Nils, Mount Vernon, assignor to Carroll W. Prochaska, Tuckahoe, N. Y. Hose clamp. 2,383,920; Aug. 28.
Sealco By-Products Company: *See*—
Rush, John F., assignor.
Sealed Power Corporation: *See*—
Olson, Holly M., assignor.
Young, Edwin C., assignor.
Seal-O-Strain Corporation: *See*—
Arvins, N. A., and Arvintz, assignors.
Sealtest, Inc.: *See*—
Weisberg, S. M., and Levin, assignors.
Weisberg, S. M., Stimpson, and Miller, assignors.
Whitaker, R., Myers, and Homberger, assignors.
Seaman, Charles, Jamaica Estates, N. Y. Sewing machine attachments. 2,378,730; June 19.
Seaman, Charles, Jamaica Estates, N. Y. Attachment for sewing machines. 2,378,731; June 19.
Seaman, Ellsworth F.: *See*—
Thompson, G. C., and Seaman.
Seaman, Harry J., Milwaukee, Wis. Pulverizing machine. 2,368,331; Jan. 30.
Seaman, Lester S., Coronado, Calif. Aircraft ice preventer. 2,371,269; Mar. 13.
Seamans, James W., San Leandro, Calif. Magnetic lifting device. 2,379,596; July 3.
Seamless Rubber Company, The: *See*—
Madsen, Paul S., assignor.
Madsen, P. S., and Arnold, assignors.
Searle, G. D., & Co.: *See*—
Burtner, Robert R., assignor.
Cusic, John W., assignor.
Searle, Marshall O., Beverly Hills, Calif. Applying insulating tubing on wire cables, conduits, and the like. 2,366,359; Jan. 2.
Searles, Amos, Moscow, Pa., and C. A. Swartz, Yonkers, N. Y. Sealing device for pivotal joints. 2,389,874; Nov. 27.
Searles, Harry, assignor to Van Raalte Company, Inc., Saratoga Springs, N. Y. Textile machine. 2,373,854; Apr. 17.
Searles, Harry, Saratoga Springs, L. W. Griffis, Buffalo, and E. E. Carlson, Kenmore, assignors to Van Raalte Company, Inc., New York, N. Y. Stop means for textile machines. 2,371,110; Mar. 6.
Sears, Roebuck and Co.: *See*—
Colegrove, Charles E., assignor.
Cross, Robert C., assignor.
Dady, Arthur O., assignor.
Ferguson, J. Allen, assignor.
Horsrud, Ole, assignor.
Hultgren, A. P., Moore, Bennett, and Cummins, assignors.
Kiesow, Lothar, assignor.
Knudsen, A. K., and Sampsel, assignors.
Lithgow, J., and Jackson, assignors.
Magill, Warren C., assignor.
McKay, Lester C., assignor.
Stein, W., and Wolf, assignors.
Strother, Fred P., assignor.
Wallace, S., and Blu, assignors.
Zink, W. L., Aasland, and Hauswirth, assignors.
Sears, Sterling G., Garden City, N. Y. Electric switch. 2,385,165; Sept. 18.
Seashore, Gunnar F., Minneapolis, Minn. Wrench. 2,385,654; Sept. 25.
Seaver, Donald A., West Cheshire, and P. E. Fenton, Middlebury, assignors to Scovill Manufacturing Company, Waterbury, Conn. Skin fastener. 2,382,508; Aug. 14.
Seaver, Jay J., Evanston, Ill. Flue insert for regenerative furnaces and the like. 2,389,166; Nov. 20.
Seavey, Frederick R., Alton, Ill., assignor to Olin Industries, Inc. Explosive. 2,382,921; Aug. 14.
Seavey, Frederick R., Alton, Ill., assignor to Olin Industries, Inc. Coating method and apparatus. 2,386,818; Oct. 16.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,378,799; June 19.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water purifying and degasifying apparatus. 2,379,753; July 3.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,383,086; Aug. 21.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Deaerating feed-water heater. 2,388,344; Nov. 6.
Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Condenser. 2,389,005; Nov. 13.
Sebald, Leslie E., Ridgewood, N. J., assignor to The Griscom-Russell Company, New York, N. Y. High-pressure steam generator. 2,379,661; July 3.
Sebel, Harry, London, N. 3, England. Toy animal, automobile, and the like propelled by the rider. 2,379,192; June 26.
Sebell, Harry, Marblehead, Mass. Key for opening cans. 2,370,081; Feb. 20.
Sebell, Harry, Marblehead, Mass. Forming can-end blanks. 2,378,041; June 12.
Sebell, Harry, Marblehead, assignor of one-half to A. H. Parker, Lexington, Mass. Bowling alley. 2,380,337; July 10.
Sebell, Harry, Newton, assignor of one-half to A. H. Parker, Lexington, Mass. Apparatus for coating sheet metal. 2,370,495; Feb. 27.
Sebok, Frank, assignor to United Specialties Company, Chicago, Ill. Cleaner. 2,378,506; June 19.
Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Crankcase air cleaner assembly. 2,387,303; Oct. 23.
Seborg, Earnest Y.: *See*—
Caldwell, H. J., and Seborg.
Seborg, Earnest Y., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,377,272; May 29.
Sebrell, William H.: *See*—
Hertz, R., and Sebrell.

Secor, Robert B.: *See*—
Ewing, F. J., Secor, and Warner.
Gary, W. W., and Secor.
Security Engineering Co., Inc.: *See*—
Hammer, Otto, assignor.
Sedgley, Gertrude E., et al.: *See*—
Brown, Arthur S., assignor.
Brown, A. S., and Sedgley.
Sedgley, R. F., Inc: *See*—
Wurzer, Martin, assignor.
Sedgwick Machine Works, Inc.: *See*—
Ellis, Charles E., assignor.
Henricksen, Bjarne, assignor.
Sedille, Marcel H. L., Paris, France; vested in the Alien Property Custodian. System and device for controlling thermal gas turbine motive units. 2,372,686; Apr. 3.
Sédille, Marcel H. L., Paris, France; vested in the Alien Property Custodian. Gas turbine installation 2,374,239; Apr. 24.
Sedita, Michael, Newark, N. J. Combined baby's seat, table, and play yard. 2,386,721; Oct. 9.
See, Melvin J.: *See*—
Bailie, J. C., and See.
See, Melvin J., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,380,490; July 31.
See, Ray, Los Angeles, Calif. Table construction. 2,368,382; Jan. 30.
Seeburg, J. P., Corporation: *See*—
Boyajian, James A., assignor.
Jensen, H. G., and Nelsen, assignors.
Johnson, Carl G., assignor.
Kenney, M. W., and Jensen, assignors.
Oyler, Herbert J., assignor.
Seederer, Jacob E., Englewood, N. J. Precision balance. 2,373,056; Apr. 3.
Seegar, Fred T., and W. Panitch, Chicago, Ill. Dispensing machine. 2,387,470; Oct. 23.
Seeger, Edwin W.: *See*—
Charbonneau, A. P., Russell, and Seeger.
Seeger, Edwin W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for motor-driven traveling devices. 2,368,383; Jan. 30.
Seeger, Nelson V.: *See*—
Lichty, J. G., and Seeger.
Seeger Refrigerator Company: *See*—
Ellsworth, Walter A., assignor.
Nobles, Warren H., assignor.
Nobles, W. H., and Mills, assignors.
Swedman, Enoch, assignor.
Seel, Max: *See*—
Liebegott, G. H., and Seel.
Seeley, George A: *See*—
Kling, R. B., and Seeley.
Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Protective system. 2,378,800; June 19.
Seeley, Stuart W., Roslyn, N. Y., assignor to Radio Corporation of America. Automatic frequency control system. 2,377,327; June 5.
Seeley, Stuart W., Roslyn Heights, and J. A. Rankin, Port Washington, N. Y., assignors to Radio Corporation of America. Radio signaling system. 2,388,576; Nov. 6.
Seelman, Geo., & Sons Co.: *See*—
Seelman, John J., assignor.
Seelman, John J., assignor, by direct and mesne assignments, to Geo. Seelman & Sons Co., Milwaukee, Wis. Binder and ring usable therein. 2,371,474; Mar. 13.
Seeloff, Melvin M., assignor to The Taylor-Wingfield Corporation, Warren, Ohio. Welding electrode holder. 2,385,108; Sept. 18.
Seemann, Arthur K., Stamford, Conn., assignor to Union Carbide and Carbon Corporation. Adjustable multiple connection. 2,366,809; Jan. 9.
Seewer, Paul W., Rugby, assignor to The English Electric Company Limited, London, England. Automatic speed limiting device for hydraulic turbine rotors. 2,382,108; Aug. 14.
Sefried, Harry H., II, New Haven, Conn., assignor to Olin Industries, Inc. Box magazine latch mechanisms for repeating firearms. 2,386,722; Oct. 9.
Segal, Louis: *See*—
Hines, J., and Segal.
Segall, Amelius B.: *See*—
Strickland, R. L., and Segall.
Segerstrom, Carl A.: *See*—
Alford, A., Segerstrom, and Capen.
Segerstrom, Carl A., Jr., Teaneck, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Impedance adjuster. 2,367,693; Jan. 23.
Segerstrom, Walter: *See*—
Handley, E. W., and Segerstrom.
Segessemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Tall oil treatment. 2,373,978; Apr. 17.
Segessemann, Ernest, Newark, assignor to National Oil Products Company, Harrison, N. J. Esterified tall oil treatment. 2,373,979; Apr. 17.
Segessemann, Ernest, Newark, and W. L. Abramowitz, Lakewood, assignors to National Oil Products Company, Harrison, N. J. Condensation products. 2,372,797; Apr. 3.
Seiberlich, Joseph K. H., Durham, N. H. Resinous condensation products of diaminotetrazine and an aldehyde. 2,369,371; Feb. 13.
Seiberling Rubber Company: *See*—
Kovacs, Frank, assignor.
Seibert, Mark L.: *See*—
Robinson, J., Jr., and Seibert.
Seichepine, Clara L., Leavenworth, Kans. Lifesaving device. 2,376,824; May 22.
Seide, William L., Rochester, N. Y. Pole slide protector. 2,385,305; Sept. 18.
Seidel, George R., Baltimore, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of improved titanium pigments. 2,387,534; Oct. 23.
Seidel, Hans J., Berlin-Wilmersdorf, and A. Weiler, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Vibration damping suspension. 2,369,077; Feb. 6.
Seidel, J., Oybin near Zittau, and H. Weber, Grottau, Sudetenland, Germany; vested in the Alien Property Custodian. Production of synthetic tanning material. 2,387,619; Oct. 23.
Seidel, Kamill: *See*—
Miller, R. S., and Seidel.
Seiden, Elmer J., assignor to O. D. and E. Lutes, Jackson, Mich., doing business as Seiden Pneumatic Tool Company. Planishing hammer support. 2,372,021; Mar. 20.
Seiden Pneumatic Tool Company: *See*—
Seiden, Elmer J., assignor.
Seifert, Charles E., Swampscott, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Transformer. 2,378,884; June 19.
Seifert, Harry H. and W. W., Troy, N. Y. Rectifier system. 2,390,005; Nov. 27.
Seifert, William C., Narberth, assignor to Electric Heating Equipment Company, Philadelphia, Pa. Apparatus for heating fluids. 2,385,846; Oct. 2.
Seifert, William W.: *See*—
Seifert, Harry H. and W. W.
Seiferth, Oscar E., assignor to Oscar Mayer & Co., Inc., Chicago, Ill. Package. 2,379,934; July 10.
Seiferth, Oscar E., Chicago, and E. C. Sloan, Geneva, assignors to Oscar Mayer & Co., Inc., Chicago, Ill. Packaging method. 2,379,935; July 10.
Seifried, Eugen, Waldkirch, Germany, assignor to the Government of the United States, as represented by the Secretary of the Navy. Subaqueous electric cutting. 2,387,042; Oct. 16.
Seifried, Richard, assignor to North American Aviation, Inc., Inglewood, Calif. Bending and beveling machine. 2,370,329; Feb. 27.
Seifried, Richard, assignor to North American Aviation, Inc., Inglewood, Calif. Truing machine. 2,371,587; Mar. 31.
Seiler, Karl, 3rd, Jenkintown, Pa., assignor to Radio Corporation of America. Reflex converter circuit. 2,383,345; Aug. 21.
Seip, Herbert, Waltham, Mass. Tire servicing rack. 2,370,496; Feb. 27.
Seiple, Paul M., Redmond, Wash. Dishwasher. 2,376,627; May 22.
Seippel, H. M., trustee: *See*—
Engler, Robert J., assignor.
Seippel, Peter J.: *See*—
Engler, Robert J.
Seiter, Donaldson, assignor to Tungsten Carbide Tool Company, Detroit, Mich. Milling cutter. 2,382,509; Aug. 14.
Seiter, Donaldson, assignor to Tungsten Carbide Tool Company, Detroit, Mich. Boring tool. 2,382,510; Aug. 14.
Seiter, Donaldson, assignor to Tungsten Carbide Tool Company, Detroit, Mich. Boring tool. 2,383,688; Aug. 28.
Seitz, Roy E., Pasadena, Calif. Cutting instrument. **2,379,108; June 26.**
Seiwell, Theodore F., Washington, D. C. Sectional plumb and level. 2,383,166; Aug. 21.
Sekella, Michael, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic control for punch presses. 2,371,358; Mar. 13.
Sekera, Charles J., Turtle Creek, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Flexible diaphragm assemblage. 2,367,624; Jan. 16.
Selas Corporation of America: *See*—
Blaha, Emil, assignor.
Fuller, Warren D., assignor.
Hess, Frederic O., assignor.
Hess, F. O., and Mann., assignors.
Hess, F. O., and Wakefield, assignors.
Maud, F., and Faunce, assignors.
Wakefield, Richard E. B., assignor.
Walker, John M., Jr., assignor.
Selby Shoe Company, The: *See*—
Griffin, N. B., and Brechner, assignors.
Selby, Theodore R., Chicago, Ill., assignor to Wilson & Co. Inc. Method of forming continuous strands of animal intestines. 2,391,483; Dec. 25.
Seldin, Morey, Indianapolis, Ind. Combination billing and marking machine. 2,373,633; Apr. 10.

Selensky, John A., Goose Creek, Tex., assignor to Standard Oil Development Company. Washing rotating drum filters. 2,379,754; July 3.

Self, Alan D. H.: *See*—
Barber, H. J., and Self.

Self-Locking Carton Co.: *See*—
Cox, John W., assignor.
Walsh, John E., assignor.

Self-Priming Pump & Engineering Co. Limited: *See*—
Meredew, George C., assignor.
Meredew, G. C., and Dawson, assignors.

Self Seal Bottle Cap Company: *See*—
Guarnaschelli, Vincent, assignor.

Seligman, Roger A. L., Paris, France; vested in the Alien Property Custodian. Stamping die. 2,390,183; Dec. 4.

Sellars, Oliver H., Glen Ridge, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for rock drills. 2,389,553; Nov. 20.

Sellers, William, & Company, Incorporated: *See*—
Lingenbrink, Hermann E. F. C., assignor.

Sellew, David M., Auburn, Ind. Hydrocarbon resistant, light pressure sealing gasket structure. 2,383,570; Aug. 28.

Sellmeyer, Thomas J., Glasgow, Mo. Flying suit. 2,379,497; July 3.

Sells, Ogden S., and H. L. Porch, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Apparatus for treating fruit. 2,384,702; Sept. 11.

Selman, George S.: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.

Selman, Roland W., Jr., Kansas City, Kans., and H. S. Myers, assignors to Campbell-Taggart Research Corporation, Kansas City, Mo. Yeast product and preserving glutathione contained therein. 2,368,384; Jan. 30.

Selmi, Luciano G., Detroit, and C. L. Altenburger, Dearborn, Mich., assignors to National Steel Corporation. Alloy steel. 2,375,953; May 15.

Selmi, Luciano G., Detroit, and C. L. Altenburger, Dearborn, Mich., assignors to National Steel Corporation. Alloy steel. 2,375,954; May 15.

Seltzer, Clifford S., and S. M. Humphrey, assignors to The Taylor-Wingfield Corporation, Warren, Ohio. Welding apparatus. 2,385,109; Sept. 18.

Seltzer, Edward: *See*—
Olsen, A. G., and Seltzer.

Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Handling strands. 2,379,755; July 3.

Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulating sheath on electrical conductor strands. 2,379,756; July 3.

Sembler, Edward, and J. E. Gerard, Patchogue, N. Y. Rake attachment for vehicles. 2,371,549; Mar. 13.

Semchyshen, Marion M., Detroit, Mich., assignor to Climax Molybdenum Company, New York, N. Y. Apparatus for high temperature tensile testing of materials. 2,375,034; May 1.

Seme, John J.: *See*—
Goddard, A. C., and Seme, assignors.

Semet-Solvay Engineering Corporation: *See*—
Tiddy, William, assignor.
Tweit, Olav M., assignor.

Semon, Waldo L.: *See*—
Fryling, C. F., and Semon.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,366,360; Jan. 2.

Semon, Waldo L., Silver Lake, and D. Craig, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,366,361; Jan. 2.

Semon, Waldo L., Silver Lake, and D. Craig, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Purification of butadiene. 2,366,362; Jan. 2.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Coagulating dispersions. 2,366,460; Jan. 2.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of aerylic nitriles with lesser amounts of conjugated dienes. 2,374,841; May 1.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilized butadiene-1,3 polymers. 2,375,042; May 1.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Emulsion polymerization of butadiene-1,3 hydrocarbons. 2,375,140; May 1.

Semon, Waldo L., and C. F. Fryling, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization of unsaturated organic compounds. 2,376,014; May 15.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of unsaturated organic compounds containing a $CH_2=C<$ group. 2,376,015; May 15.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadienes-1,3. 2,376,390; May 22.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadienes-1,3. 2,376,391; May 22.

Semon, Waldo L., and C. F. Fryling, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Production of synthetic rubber. 2,378,732; June 19.

Semon, Waldo L., Silver Lake, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization of butadiene-1,3 hydrocarbons. 2,380,471; July 31.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization in aqueous emulsion. 2,380,551; July 31.

Semon, Waldo L., Silver Lake, and W. D. Stewart, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Polymerization in aqueous emulsion. 2,380,552; July 31.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making catalysts. 2,380,614; July 31.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization products. 2,384,568; Sept. 11.

Semon, Waldo L., Silver Lake, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of dienes and olefinic dicarboxylic acid esters. 2,384,569; Sept. 11.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber-like multipolymers containing a conjugated diene hydrocarbon. 2,384,570; Sept. 11.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber-like multipolymers prepared from mixtures including a conjugated diene hydrocarbon. 2,384,571; Sept. 11.

Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of butadiene-1,3 hydrocarbons and other organic compounds. 2,384,572; Sept. 11.

Semotan, Arthur J.: *See*—
Lainson, H., and Semotan.

Semple, Robert B., assignor to Monsanto Chemical Company, St. Louis, Mo. Polymerizing styrene. 2,367,805; Jan. 23.

Sender, Leopold, Baltimore, Md., assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,369,372; Feb. 13.

Seng Company, The: *See*—
Fox, Martin, assignor.

Seng, Manfred, Berlin, Germany; vested in the Alien Property Custodian. Cool wet dressing with bandages. 2,390,184; Dec. 4.

Sengbusch, Gustav J., Milwaukee, Wis. Inkstand. 2,369,496; Feb. 13.

Sengbusch, Gustav J., Milwaukee, Wis. Desk file. 2,380,678; July 31.

Sengbusch, Gustav J., Milwaukee, Wis. Inkstand. 2,390,667; Dec. 11.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Ketals of polyhydroxy nitro compounds. 2,368,071; Jan. 23.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Aminodioxanes. 2,370,586; Feb. 27.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nitro amines and preparing same. 2,381,408; Aug. 7.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cyclic acetals of unsaturated aldehydes. 2,383,622; Aug. 28.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. 5-Aminohexahydropyrimidines and preparing same. 2,387,043; Oct. 16.

Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Surface active agents. 2,389,875; Nov. 27.

Senkus, Murray, Terre Haute, Ind. 5-Nitrohexahydropyrimidines and preparation thereof. 2,391,847; Dec. 25.

Sennet, Morgan B., assignor to De Laval Steam Turbine Company, Trenton, N. J. Pumping system. 2,381,695; Aug. 7.

Sensel, Eugene E., Beacon, assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,378,733; June 19.

Sensiper, Samuel, Garden City, and G. B. Andrews, Hempstead, N. Y., assignors to Sperry Gyroscope Company, Inc. Delayed trigger circuit. 2,373,145; Apr. 10.

Senyal, Frank, New York, N. Y. Filter and water purifier. 2,372,340; Mar. 27.

Sepin, L. T.: *See*—
Brown, Alfred G., assignor.

Sequin, Carl, Oberwinterthur, Switzerland. Apparatus for making blades for turbo-machines. 2,389,876; Nov. 27.

Serdich, Theodore, Gary, Ind. Shear. 2,391,598; Dec. 25.

Serini, Arthur, Berlin N 65, H. Köster, Berlin-Charlottenburg, and L. Strassberger, Berlin-Wilmersdorf, Germany, assignors, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Manufacture of unsaturated ketones of the cyclopentano polyhydro phenanthrene series. 2,379,832; July 3.

Serna, Alex, Dearborn, Mich. Micromatic adjustment for work tables. 2,370,882; Mar. 6.
Serniuk, George E., Roselle, N. J., assignor to Standard Oil Development Company. Preparation of synthetic rubber-like materials by emulsion polymerization. 2,384,969; Sept. 18.
Serre, Maurice: *See*—
Honerkamp, F., Kurth, and Serre.
Serre, Maurice, J. B. Hewett, and E. A. Schaefer, New York, N. Y., assignors to Anemostat Corporation of America. Air outlet device. 2,380,553; July 31.
Serrell, John J., assignor to The Sharples Corporation, Philadelphia, Pa. Oil purifying and cooling system. 2,373,349; Apr. 10.
Servel, Inc.: *See*—
Anderson, Philip P., Jr., assignor.
Andersson, Sven W. E., assignor.
Burggrabe, Henry A., assignor.
Davidson, John, assignor.
Dreier, Victor G., assignor.
Edberg, Per., assignor.
Hainsworth, William R., assignor.
Hedlund, William T., assignor.
Hedman, Fritz A., assignor.
Jaros, Stanley, assignor.
Kuenzli, Walter A., assignor.
Nauret, Carl H., assignor.
Reid, J. G., Jr., and McNeely, assignors.
Roswell, Charles A., assignor.
Stangle, William H., assignor.
Thomas, Albert R., assignor.
Ullstrand, Hugo M., assignor.
Service Supply Corporation: *See*—
Lawler, Frank P., assignor.
Servis, Hoyt: *See*—
Nelson, J. H., and Servis.
Servisoft, Inc.: *See*—
Ralston, Glenn S., assignor.
Setchell, Barton T., St. Paul, Minn. Primary light source. 2,372,857; Apr. 3.
Setera, Theodore J., Maspeth, assignor of one-half to J. Gillman, Jamaica, Long Island, N. Y. Slide rule. 2,385,948; Oct. 2.
Setrite Products Corporation: *See*—
Stone, Noah, assignor.
Settecasi, Peter: *See*—
Steiner, L., and Settecasi.
Setterblade, Earl O., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Shielded spark plug. 2,368,889; Feb. 6.
Setterblade, Earl O., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Control system. 2,390,619; Dec. 11.
Setterlund, Sidney N., Fort McClellan, Ala., assignor to A. F. Dormeyer Mfg. Company, Chicago, Ill. Food mixer. 2,390,742; Dec. 11.
Settles, James C.: *See*—
Orr, C. L. Moeller, and Settles.
Setz, Paul: *See*—
Hiemenz, W., and Setz.
Severance, Ralph H., assignor to The Magnavox Company, Fort Wayne, Ind. Impulse generator. 2,376,557; May 22.
Severeid, Lester M., Pine River, Minn. Photographic duplicating and projection machine. 2,388,768; Nov. 13.
Severin, Fred V., East Cleveland, Ohio. Container closure. 2,380,797; July 31.
Severy, Lawrence A.: *See*—
Splaine, E. M., and Severy.
Severy, Lawrence A., assignor to American Optical Company, Southbridge, Mass. Welder's helmet. 2,390,006; Nov. 27.
Sevey, Julius B., Swink, assignor to Holly Sugar Corporation, Colorado Springs, Colo. Knife jointer. 2,369,862; Feb. 20.
Sevey, Julius B., Swink, assignor to Holly Sugar Corporation, Colorado Springs, Colo. Rock catcher and remover. 2,369,863; Feb. 20.
Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Core barrel. 2,374,961; May 1.
Sewell, Samuel D., Wanette, Okla. Feeder head for hay balers. 2,387,535; Oct. 23.
Seybold, Frederick W., Westfield, assignor to American Type Founders Incorporated, Elizabeth, N. J. Sheet feeding mechanism. 2,384,046; Sept. 4.
Seybold, Frederick W., Westfield, N. J. Automatic transmission. 2,391,648; Dec. 25.
Seyerle, Wilhelm, Waldenbronn, near Esslingen-on-the-Neckar, Germany; vested in the Alien Property Custodian. Cooling arrangement for internal-combustion engines. 2,381,007; Aug. 7.
Seymour, Clayton B., assignor to Hoof Products Company, Chicago, Ill. Fluid lockout device. 2,375,498; May 8.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Anthraquinone dyestuffs fast to acid fading. 2,368,681; Feb. 6.
Seymour, George W., and B. T. Pull, Cumberland, Md., assignors to Celanese Corporation of America. Anthraquinone dyestuff. 2,368,682; Feb. 6.
Seymour, George W., M. E. Martin, and R. D. Rowley, Cumberland, Md., assignors to Celanese Corporation of America. Production of cellulose esters. 2,373,786; Apr. 17.
Seymour, George W., and D. Y. Miller, assignors to Celanese Corporation of America. Treatment of textile material. 2,385,110; Sept. 18.
Seymour, George W., and W. Brooks, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile materials. 2,385,423; Sept. 25.
Seymour, George W., and V. S. Salvin, Cumberland, Md., assignors to Celanese Corporation of America. Discharge printing of cellulose acetate. 2,385,885; Oct. 2.
Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Production of mixed organic esters of cellulose. 2,390,185; Dec. 4.
Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitive interlayers in multilayer film. 2,391,198; Dec. 18.
Seymour, Merrill W., and W. D. Peterson, assignors to Eastman Kodak Company, Rochester, N. Y. Motion picture sound record. 2,382,670; Aug. 14.
Seymour, Merrill W., and R. V. Young, assignors to Eastman Kodak Company, Rochester, N. Y. Direct method of producing color pictures. 2,382,671; Aug. 14.
Seymour, Robert T.: *See*—
Christian, J. C., and Seymour, assignors.
Seymour, William, Sault Ste. Marie, Ontario, Canada, assignor, by mesne assignments, to Koppers Company, Inc. Apparatus for treating ammonium sulphate crystals. 2,391,484; Dec. 25.
Seymour, Wray S.: *See*—
Silva, F. G., and Seymour.
Shabaker, Hubert A., Media, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Apparatus for producing a gel product. 2,370,200; Feb. 27.
Shackleford, Forrest, New York, N. Y. Target game. 2,372,608; Mar. 27.
Shaeffer, George D., assignor to Gar Wood Industries, Inc., Detroit, Mich. Power take-off lockout mechanism. 2,369,078; Feb. 6.
Shaeffer, George D., assignor to Gar Wood Industries, Inc., Detroit, Mich. Milling fixture. 2,386,146; Oct. 2.
Shaer, Isaac E., assignor to Shaer and Turner Engineering Company, Inc., Boston, Mass. Insulated structure. 2,376,728; May 22.
Shaer and Turner Engineering Company, Inc.: *See*—
Lobdell, Arthur M., assignor.
Shaer, Isaac E., assignor.
Shafarman, Nellye, Cleveland, Ohio. Garment display form. 2,384,495; Sept. 11.
Shafer Bearing Corporation: *See*—
Williams, Arthur H., assignor.
Shafer, Ira, San Diego, Calif. Sliding door supporting apparatus. 2,386,510; Oct. 9.
Shafer, Ira C., Jr., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Armored conductor structure. 2,391,037; Dec. 18.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,385,476; Sept. 25.
Shafer, Julius E., Chicago, Ill. Bearing seal construction. 2,385,306; Sept. 18.
Shafer, Lincoln M.: *See*—
Coward, H. W., and Shafer.
Shaff, Ernest H., Spring Lake, Mich., assignor to Cherry Rivet Company, Los Angeles, Calif. Rivet. 2,385,886; Oct. 2.
Shaffer, Chester E., Jersey City, N. J., and A. B. Fisher, Jr., Wilkinsburg, Pa., assignors, by mesne assignments, to Koppers Company, Inc. Stoking apparatus. 2,388,294; Nov. 6.
Shaffer, Cleve F.: *See*—
Fanger, H. J., Gruenhagen, and Shaffer.
Shaffer, Cleve F., et al.: *See*—
Fanger, Herman J., assignor.
Fanger, H. J., and Gruenhagen, assignors.
Shaffer, Cleve F., San Francisco, assignor of three-eighths to Pacific Coast Mortgage Company, and two-eighths to H. W. Erskine, Piedmont, Calif. Resilient suspension for traction wheels of vehicles. 2,376,942; May 29.
Shaffer, Cleve F., San Francisco, assignor of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, five per cent to H. J. Fanger, and five per cent to H. Gruenhagen, Oakland, Calif. Grenade. 2,378,735; June 19.
Shaffer, Cleve F., San Francisco, assignor of thirty per cent to M. C. Mogensen, Martinez, thirty per cent to H. W. Erskine, Piedmont, five per cent to H. J. Fanger, and five per cent to H. Gruenhagen, Oakland, Calif. Combination mortar. 2,383,087; Aug. 21.
Shaffer, Donald U., Brea, Calif. Blow out preventer. 2,368,332; Jan. 30.
Shaffer, Kenneth B., Chicago, Ill., assignor to Radio Corporation of America. Combined merchandise display and advertising device. 2,375,043; May 1.
Shaffer, William L., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,376,513; May 22.
Shaffer, William L., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,388,769; Nov. 13.

Shaffnit, Edgar A., Otsego, Mich. Bolt actuating mechanism for bolt action firearms. 2,387,413; Oct. 23.
Shaffrey, Matthew J., St. Louis, Mo. Divided nut construction. 2,377,581; June 5.
Shafor, Ralph W., New York, N. Y., assignor to The Dorr Company. Sugar refining. 2,391,649; Dec. 25.
Shaheen, Elias: *See*—
Dager, Albert, assignor.
Shaiman, Philip: *See*—
Orrington, Floyd T., assignor.
Shakesby, Leonard, Wolverhampton, England, assignor to Imperial Chemical Industries Limited. Fuel container. 2,369,921; Feb. 20.
Shakesby, Leonard, Bradmore, Wolverhampton, England. Manufacture of liquid container. 2,374,386; Apr. 24.
Shakesby, Leonard, Bradmore, Wolverhampton, England, assignor to Imperial Chemical Industries Limited. Manufacture of liquid containers. 2,377,722; June 5.
Shakespeare Company: *See*—
Burdick, Frank, assignor.
Shakespeare Products Company: *See*—
Batterson, Ernest W., assignor.
Batterson, E. W., and Midling, assignors.
Clickner, Earle D., assignor.
Cobb, LeRoy E., assignor.
Shaks, William P., Woodside, N. Y. Quenching device. 2,387,414; Oct. 23.
Shalhoub, William J., North Bergen, N. J. Roll paper dispenser. 2,381,229; Aug. 7.
Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Sinter treating means. 2,367,063; Jan. 9.
Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Treating plant. 2,379,380; June 26.
Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Sintering machine. 2,391,199; Dec. 18.
Shamah, Israel, London, England. Aircraft course recorder. 2,369,922; Feb. 20.
Shanck, Roy B., Douglas Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,836; Jan. 9.
Shanck, Roy B., Douglas Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,837; Jan. 9.
Shanck, Roy B., Douglas Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse repeating system. 2,366,838; Jan. 9.
Shand, James E., Verona, N. J., assignor to Ellis Laboratories, Inc. Synthetic resin and making same. 2,368,165; Jan. 30.
Shand & Jurs Company: *See*—
Blake, Robert W., assignor.
Jurs, Albert E., Jr., assignor.
Shanda Laboratories Incorporated: *See*—
Horowitz, Oskar, assignor.
Shangle, Amos H.: *See*—
Hampton, L. N., and Shangle.
Shank, Clifford A., Jackson Heights, assignor to Federal Telephone and Radio Corporation, New York, N. Y. Torque measuring device. 2,386,008; Oct. 2.
Shank, Rose D., Newark, N. J. Fabric. 2,387,620; Oct. 23.
Shankland, Rodney V.: *See*—
Heard, L., Shankland, and Bailie.
Shanklin, William A., Harlan, Ky. Theft signal. 2,370,497; Feb. 27.
Shankman, Martin, Huntington, N. Y. Tank. 2,374,240; Apr. 24.
Shanley, James J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for treating drilling fluid. 2,370,817; Mar. 6.
Shanley, James J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for storage and utilization of volatile liquids. 2,376,628; May 22.
Shanley, Walter A., Boston, Mass. Grinding machine. 2,372,341; Mar. 27.
Shann, Oscar A.: *See*—
Edwards, W. H., and Shann.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,370,264; Feb. 27.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set. 2,374,962; May 1.
Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication apparatus. 2,381,986; Aug. 14.
Shannon, Joseph C., Leadville, Colo. Amalgamator. 2,375,254; May 8.
Shannon, Olyn W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of acetone with unsaturated compounds. 2,381,371; Aug. 7.
Shannon, Paul B., et al.: *See*—
Smith, Merton J., assignor.
Shantz, Edgar M., assignor to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation process and apparatus. 2,383,945; Sept. 4.
Shape, Alfred C.: *See*—
Miller, F. M., Shape, and McClelland.
Shaper, Harry B.: *See*—
Shapiro, Harry B.
Shapiro, Abraham, and A. A. Shoup, Chicago, Ill., assignors to Ampro Corporation. Cabinet type motion-picture projector. 2,370,587; Feb. 27.
Shapiro, David L., New York, N. Y. Hydraulic driving device. 2,390,620; Dec. 11.
Shapiro, Harry B., now by judicial change of name, H. B. Shaper, Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Oscillation generator. 2,375,695; May 8.
Shapiro, Hymin: *See*—
Calingaert, G., Soroos, and Shapiro.
Shapiro, Max C., Los Angeles, Calif. Pocket construction for garments. 2,383,746; Aug. 28.
Shapleigh, James H., assignor to Hercules Powder Company, Wilmington, Del. Production of hydrogen-nitrogen mixtures. 2,381,696; Aug. 7.
Shapley, Cooper, Jr., Salida, Colo. Automatic density control for classifiers. 2,376,825; May 22.
Sharon Steel Corporation: *See*—
Weesner, C. W., and Leffingwell, assignors.
Sharp & Dohme, Incorporated: *See*—
Barr, Courtland H., assignor.
Moore, Maurice L., assignor.
Read, Roland R., assignor.
Welch, A. D., and Wright, assignors.
Sharp, John C., Glen Ellyn, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Cooking device. 2,368,496; Jan. 30.
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure feeding and embossing mechanism. 2,380,194; July 10.
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure member. 2,383,747; Aug. 28.
Sharp, Phyllis M., et al.: *See*—
Sharp, William V., assignor.
Sharp, Renwick J., Guatemala, Guatemala. Windmill and pump remotely operated thereby. 2,379,833; July 3.
Sharp, Renwick J., Guatemala, Guatemala. Front driven motorboat. 2,379,834; July 3.
Sharp, Renwick J., Guatemala, Guatemala. Springless counter scale. 2,388,091; Oct. 30.
Sharp, Renwick J., Guatemala, Guatemala. Portable whipping machine. 2,390,186; Dec. 4.
Sharp, Robert E. B., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Balance testing apparatus. 2,377,045; May 29.
Sharp, Thomas E.: *See*—
Wallace, J. S., and Sharp.
Sharp, Thomas E., assignor to Standard Oil Company, Chicago, Ill. Slushing compositions. 2,373,787; Apr. 17.
Sharp, William V., assignor of fifty-one percent to W. S. Meader and nineteen percent to P. M. E. Sharp, Pocatello, Idaho. Advertising device. 2,381,008; Aug. 7.
Sharpe, Clyde L., Shouldice, Alberta, Canada. Snubbing device. 2,370,921; Mar. 6.
Sharpe, Donald B., North Tonawanda, assignor to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles 2,383,519; Aug. 28.
Sharpe, Hugh W., Chicago, Ill. Garbage incinerator. 2,384,496; Sept. 11.
Sharpe, John S., Haverford, Pa. Crank assembly. 2,378,507; June 19.
Sharpe, Joseph A., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Seismic surveying. 2,390,187; Dec. 4.
Sharpe, Peter F., Atlantic City, N. J. Furnace. 2,374,707; May 1.
Sharpe, William L., assignor to The Ohio Foundry & Manufacturing Company, Steubenville, Ohio. Fire grate. 2,391,518; Dec. 25.
Sharples Chemicals Inc.: *See*—
Goshorn, Roland H., assignor.
Olin, John F., assignor.
Olin, J. F., and McKenna, assignors.
Olin, J. F., and Schwoegler, assignor.
Schwoegler, E. J., and Olin, assignors.
Sharples Corporation, The: *See*—
Ambler, Charles M., assignor.
Bath, Wilmer H., assignor.
Jones, L. D., and Bath, assignors.
Sender, Leopold, assignor.
Scott, Ashton T., assignor.
Serrell, John J., assignor.
Sharples, Laurence P., assignor.
Sharples, Laurence P., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Purification of aviation oils. 2,373,350; Apr. 10.
Sharples, Laurence P., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Purifying and cooling system for lubricating oils. 2,389,555; Nov. 20.
Shatterproof Glass Corporation: *See*—
Iversen, Norman H., assignor.
Shaub, Frank G.: *See*—
Ensign, E. E., and Shaub.
Shaub, Frank G., and A. E. Jennens, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Smelter. 2,388,092; Oct. 30.
Shavel, John, Jr.: *See*—
Folkers, K., and Shavel.
Shaver, Daniel L., Schenectady, N. Y., assignor to General Electric Company. Clamping device. 2,372,987; Apr. 3.

Shaver, Herbert W., assignor to American Insulator Corporation, New Freedom, Pa. Injection molding machine. 2,367,144; Jan. 9.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Immersion control. 2,376,091; May 15.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Gun firing solenoid. 2,383,088; Aug. 21.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Switch unit. 2,385,887; Oct. 2.
Shaw, Burton E., Bristol, and E. F. Swanson, assignors to Penn Electric Switch Co., Goshen, Ind. Compensated refrigerator thermostat. 2,376,092; May 15.
Shaw, Ebe R.: *See*—
Carpenter, A. D., and Shaw.
Slater, C. A., Carpenter, and Shaw.
Shaw, Edward W., Babylon, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Aircraft structure. 2,390,668; Dec. 11.
Shaw, Elgin L., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Yield link. 2,391,275; Dec. 18.
Shaw, Ernest C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Log barker conveyer. 2,391,802; Dec. 25.
Shaw, Everett J., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article coating apparatus. 2,387,094; Oct. 16.
Shaw, Fred B., Jr.: *See*—
Ryan, J. D., and Shaw.
Shaw, Fred M., Salford, England. Collet chuck. 2,376,093; May 15.
Shaw, Harold F., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Drop-side crib. 2,383,167; Aug. 21.
Shaw, Harry C., assignor to Canton Glass Company, Marion, Ind. Reflector apparatus and button therefor. 2,378,736; June 19.
Shaw, Herbert R.: *See*—
Elston, Edward P., assignor.
Shaw, Hubert K., Boston, Mass. Buoyant utility suit. 2,379,498; July 3.
Shaw, Joe C.: *See*—
Young, F. M., Shaw, and Brinen.
Shaw, Joe C., assignor to Young Radiator Company, Racine, Wis. Internal-combustion engine oil cooler. 2,376,198; May 15.
Shaw, Joe C., Racine, Wis., assignor to Young Radiator Company. Temperature-controlled valve mechanism. 2,379,109; June 26.
Shaw, Joe C., and E. H. Kidd, Racine, Wis., assignors to Young Radiator Company. Drain valve. 2,379,995; July 10.
Shaw, John E. B., Chicago, Ill. Parenteral administration set. 2,367,806; Jan. 23.
Shaw, Joseph A., assignor, by mesne assignments, to Koppers Company, Incorporated, Pittsburgh, Pa. Recovery of ammonium thiosulphate and thiocyanate. 2,386,985; Oct. 16.
Shaw, Louis E., East Orange, assignor to C. A. Calder, Montclair, N. J. Collar support. 2,373,855; Apr. 17.
Shaw, Morton R., Jr.: *See*—
Guyer, E. M., Littleton, and Shaw.
Shaw, Myril C.: *See*—
Bole, G. A., Shaw, and Co Van.
Shaw, Noble C., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,368,785; Feb. 6.
Shaw, Portis P., Exeter, Calif. Telegraphy-practicing device. 2,366,154; Jan. 2.
Shaw, Ralph M., Jr., Edgewater Park, N. J. Machine for bending bars and the like. 2,369,923; Feb. 20.
Shaw, Robert C., Holmdel, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulator. 2,379,042; June 26.
Shaw, Van L., Chicago, Ill. Finishing paper. 2,366,563; Jan. 2.
Shaw, Van L., Chicago, Ill. Treating sized paper stock. 2,366,564; Jan. 2.
Shaw-Walker Company, The: *See*—
Page, John H., assignor.
Shaw, Warren W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel construction. 2,367,825; Jan. 23.
Shaw, Wilbur A.: *See*—
Thompson, N. C., Gunter, Shaw, and Roe.
Shawinigan Chemicals Limited: *See*—
Andersen, A. H., and Fasken, assignors.
Collins, Henry M., assignor.
Kiar, Mogens, assignor.
Shawmut Engineering Company: *See*—
Bixby, Walter, assignor.
Shayeson, Maurice W., Dayton, Ohio. Holder and opener for containers of additive liquid. 2,380,472; July 31.
Shea, Richard F., Fairfield, and C. R. Miner, Stratford, Conn., assignors to General Electric Company. Audio-frequency amplifier. 2,366,565; Jan. 2.
Shea, Richard F., Fairfield, Conn., assignor to General Electric Company. Mutual coupling. 2,388,295; Nov. 6.
Shea, Thomas F., Balboa, C. Z. Rest for riveting hammers. 2,378,869; June 19.
Shean, Daniel, and F. F. Zendek, West Springfield, Mass. Snow plow apparatus. 2,387,686; Oct. 23.
Shealy, James W., Jasper, Ala. Safety mine car coupling pin. 2,389,821; Nov. 27.
Shearer, William A., New Castle, Ind. Foldable closure. 2,373,146; Apr. 10.
Shebat, Herbert V., Pompton Lakes, N. J. Aircraft. 2,369,258; Feb. 13.
Sheen, Milton R., Philadelphia, Pa. Liquid pump. 2,367,893; Jan. 23.
Sheepbridge Stokes Centrifugal Castings Company Limited, The: *See*—
Jones, William D., assignor.
Sheepshanks, Richard H.: *See*—
Ballamy, Leslie M., assignor.
Ballamy, L. M., and Sheepshanks.
Sheerin, John F., Stratford, Conn. Washing machine fixture. 2,370,498; Feb. 27.
Sheetlock Company: *See*—
Petersen, William H., assignor.
Sheetz, Elwood P., Pembroke, and A. J. Chagnon, Pittsfield, N. H. Shuttle feeler tip. 2,385,034; Sept. 18.
Sheffield Corporation, The: *See*—
Aller, Willis F., assignor.
Aller, W. F., and Schulze, assignors.
Blesi, Walter F., assignor.
Doehring, Walter M., assignor.
Polk, Louis F., assignor.
Straw, Jesse H., assignor.
Sheffield, Donald H., assignor to Hercules Powder Company, Wilmington, Del. Stabilization of terpene products. 2,387,304; Oct. 23.
Sheiffele, Arthur L., assignor to W. J. Cameron, Chicago, Ill. Diagnostic and electrosurgical appliance. 2,382,109; Aug. 14.
Shelby, Albert, and C. F. Hilgeman, Buffalo, N. Y.; said Hilgeman assignor to said Shelby. Electrical heating device or element. 2,371,475; Mar. 13.
Sheldon, Archibald M., St. Charles, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,367,145; Jan. 9.
Sheldon, Gilbert J., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Manufacturing contact lenses. 2,369,758; Feb. 20.
Sheldon, Ralph O., assignor to E. S. Guignon, Kansas City, Mo. Wall unit for sectional buildings. 2,369,373; Feb. 13.
Sheldon, Ralph O., assignor to E. S. Guignon, Jr., Kansas City, Mo. Interlocking building structure. 2,384,198; Sept. 4.
Sheldrick, Laurence S.: *See*—
Sorensen, C. E., and Sheldrick.
Sheldrick, Laurence S., and J. J. Rodak, assignors to Ford Motor Company, Dearborn, Mich. Lamp mounting. 2,368,166; Jan. 30.
Sheldrick, Laurence S., Dearborn, and E. J. Farkas and E. Nador, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Turret control. 2,382,110; Aug. 14.
Shell Development Company: *See*—
Adelson, D. E., and Dannenberg, assignors.
Anderson, A. P., and Stross, assignors.
Anderson, J., and Bullard, assignors.
Anderson, J., McAllister, and Ross, assignors.
Anderson, J., Peterson, and McAllister, assignors.
Archibald, Raymond C., assignor.
Archibald, R. C., and Trimble, assignors.
Bailey, William A., Jr., assignor.
Bailey, W. A., Jr., and Greensfelder, assignors.
Ballard, S. A., and Haury, assignors.
Bannerot, R. A., Boultbee, and Greensfelder, assignors.
Barnum, Emmett R., assignor.
Barnum, E. R., and Zublin, assignors.
Bent, Franklin A., assignor.
Bergsteinsson, Ingolfur, assignor.
Blackburn, Billee O., assignor.
Boissonou, Clifford J., assignor.
Bollo, F. G., and Tomlinson, assignors.
Buis, M., and Belchetz, assignors.
Cannon, Curtis W., assignor.
Cole, Robert M., assignor.
Crake, Wilfred S., assignor.
Crake, Wilfred S. M. E., assignor.
Craword, C. C., and Ross, assignors.
Crawford, C. C. Fuller, and Greensfelder, assignors.
Cunningham, Guy C., assignor.
Dawson, R. D., and Blankenhorn, assignors.
De Benedictis, A., and Luten, assignors.
De Jong, Johan J., assignor.
De Simó, M, and O'Connor, assignors.
De Simo, M., and Roberts, assignors.
Evans, Theodore W., assignor.
Evans, T. W., and Morris, assignors.
Evans, T. W., and Williams, assignors.
Evans, T. W., Blackburn, and Scheibli, assignors.
Evans, T. W., Finch, and Hearne, assignors.
Evans, T. W., and Morris, assignors.
Evans, T. W., Morris, and Melchior, assignors.
Evans, T. W., Morris, and Shokal, assignors.
Evans, T. W., Vaughan, and Rust, assignors.
Finch, H. de V., and Ballard, assignors.
Fitting, R. U., Jr., and McKinsey, assignors.
Fleer, Alfred W., assignor.
Fuller, D. L. and Greensfelder, assignors.

Shell Development Company: *See*—Continued
Gage, William P., assignor.
Gershinowitz, Harold, assignor.
Glendenning, Everett B., assignor.
Griffin, J. R., Jr., and Van Ess, assignors.
Haury, Vernon E., assignor.
Hearne, George W., assignor.
Hearne, G. W., and Adams, assignors.
Hearne, G. W., and La France, assignors.
Hearne, G. W., and Stenmark.
Hemphill, Isaac M., assignor.
Hishon, P. D., Carter, Ravn, and Borchers, assignors.
Johnson, Ava J., assignor.
Johnston, Fulton L., assignor.
Johnston, F. L., and Wilson, assignors.
Klingen, Leendert, assignor.
Lacomble, Antoine E., assignor.
Lapham, Sidney D., assignor.
Larsen, R. G., and Diamond, assignors.
Larsen, R. G., and Zublin, assignors.
Lorenz, George A., assignor.
Luten, D. B., Jr., and De Benedictis, assignors.
Luten, D. B., Jr., and Thomas, assignors.
Magin, C. T., and Fetterly, assignors.
Malott, William M., assignor.
Malson, Parker E., assignor.
Marple, Kenneth E., assignor.
Marple, K. E., and Borders, assignors.
Marple, K. E., Evans, and Borders, assignors.
Marple, K. E., Shokal, and Evans, assignors.
McAllister, Sumner H., assignor.
McOmie, Rulon W., assignor.
Miles, Thomas K., assignor.
Mital, John E., assignor.
Morris, R. C., and Evans, assignors.
Morris, R. C., and Finch, assignors.
Morris, R. C., and Moore, assignors.
Morris, R. C., and Shokal, assignors.
Morris, R. C., and Snider, assignors.
Morris, R. C., and Van Winkle, assignors.
Nixon, Alan C., assignor.
Peery, Norman E., assignor.
Penther, C. J., and Rolfson, assignors.
Peterson, W. H., and Anderson, assignors.
Pierotti, Gino J., assignor.
Pierotti, G. J., and Dunn, assignors.
Raley, J. H., and Rust, assignors.
Reamer, Thomas E., assignor.
Rosenstein, Ludwig, assignor.
Ross, W. E., McAllister, and Anderson, assignors.
Ross, W. E., and Pezzaglia, assignors.
Ross, W. E., and Vermeulen, assignors.
Ross, W. E., McAllister, and Anderson, assignors.
Rust, Frederick F., assignor.
Rust, F. F., and Bell, assignors.
Rust, F. F., and Vaughan, assignors.
Ruys, J. D., and Wachter, assignors.
Shiras, R. N., and Luckenbill, assignors.
Shultz, Irving I., assignor.
Sorem, Stanley S., assignor.
Souders, Mott, Jr., assignor.
Souders, M., Jr., and Cherniavsky, assignors.
Souders, M., Jr., and Shiras, assignors.
Stanly, Albert L., assignor.
Treseder, Richard S., assignor.
Tymstra, S., and Miles, assignors.
Van Ess, P. R., and White, assignors.
Vaughan, W. E., and Rust, assignors.
Vinograd, Jerome R., assignor.
Voge, Harvey H., assignor.
Voge, Hervey H., assignor.
Voogd M., Caddy, and Duffy, assignors.
Wachter, A., and Treseder, assignors.
Weiss, Frederick T., assignor.
White, Ellis R., assignor.
Williams, Paul H., assignor.
Williams, P. H., Ballard, and Evans, assignors.
Winkler, D. E., and Ballard, assignors.
Wolff, Harold I., assignor.
Wright, Kenneth A., assignor.
Zublin, E. W., Barnum, and White, assignors.

Shellabarger, William B., Detroit, Mich. Welding electrode holder. 2,373,605; Apr. 10.

Shellenberger, Rolfe, Westfield, and F. X. Gilg, Cranford, assignors to The Babcock & Wilcox Company, Newark, N. J. Furnace wall. 2,368,265; Jan. 30.

Sheller Manufacturing Corporation: *See*—
Burgess, Magnus M., assignor.

Shelley, Gordon E.: *See*—
Coxon, J. E., Lindsley, and Shelley.

Shellmar Products Company: *See*—
De Sylva, Oscar J., assignor.
Gilfillan, Paul M., assignor.
Gurwick, Irving, assignor.
Moore, George A., assignor.

Shelly, Franklin E., assignor to Tube Turns, Louisville, Ky. Throttling valve. 2,373,268; Apr. 10.

Shelton, Andrew B., Columbus, Ga. Picker for spinner frames. 2,390,469; Dec. 4.

Shelton, Robert S., Mariemont, and M. G. Van Campen, Jr., Silverton, assignors to The Wm. S. Merrell Company, Reading, Ohio. Composition of matter. 2,379,381; June 26.

Shelton, Robert S., Mariemont, Ohio, assignor to The Wm. S. Merrell Company. Riboflavin solution. 2,379,644; July 3.

Shelton, Robert S., Mariemont, assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Composition for counteracting microorganisms. 2,380,877; July 31.

Shendrick, Constantine, Detroit, Mich. Fluid control valve. 2,388,369; Nov. 6.

Shenk, Eugene R.: *See*—
Miller, W. A., and Shenk.

Shenker, George, Brooklyn, N. Y. Baseball game. 2,388,577; Nov. 6.

Shepard, Arthur P., Forest Hills, and H. S. Ingham, Flushing, assignors to Metallizing Engineering Company, Inc., Long Island City, N. Y. Metal spray gun of the wire feed type. 2,381,931; Aug. 14.

Shepard, Arthur P., Forest Hills, and H. S. Ingham, Flushing, assignors to Metallizing Engineering Company, Inc., Long Island City, N. Y. Speed governing mechanism for metal spray guns of the wire feed type. 2,381,932; Aug. 14.

Shepard, Arthur P., Flushing, and H. S. Ingham, Queens Village, assignors to Metallizing Engineering Co. Inc., Long Island City, N. Y. Metal spray gun of the wire feed type. 2,382,111; Aug. 14.

Shepard, Frank B., Texon, Tex. Hub structure. 2,381,697; Aug. 7.

Shepard, Frederick J., Jr.: *See*—
Lewis, A. L., and Shepard.

Shepherd, James E., Cambridge, Mass. Phase angle indicator. 2,370,692; Mar. 6.

Shepherd, James E., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Phase shifter. 2,376,392; May 22.

Shepherd, Judson O., Atlanta, Ga. Call transmitter. 2,375,179; May 1.

Shepherd, Reginald V., and H. J. Turpin, London, England, Trigger mechanism. 2,381,521; Aug. 7.

Shepler, Leonard C., Peoria, Ill. Valve reseating tool. 2,385,589; Sept. 25.

Sheppard, Creedy C., Fort Lee, N. J. Boat. 2,381,622; Aug. 7.

Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Method and machine for marking circular knit fabric for boarding. 2,388,648; Nov. 6.

Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, Laconia, N. H. Circular knit hosiery and making same. 2,388,649; Nov. 6.

Sheppard, Richard H., Hanover, Pa. Combustion chamber. 2,380,615; July 31.

Shera, John W., assignor of one-half to McDowell Manufacturing Company, Pittsburgh, Pa. Cap applying mechanism. 2,375,141; May 1.

Sheram, Wade P., Tennille, Ga. Play dater. 2,368,167; Jan. 30.

Sherburne, Russell W., Brunswick, Maine. Drain device for sinks, basins, etc. 2,376,729; May 22.

Shere, Gerald D., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Flexible bushing. 2,383,018; Aug. 21.

Sheridan, Hiram W., Oak Park, Ill. Radio communication system. 2,376,393; May 22.

Sheridan, Hiram W., Oak Park, Ill. Armor. 2,391,353; Dec. 18.

Sherlock, Albert, Rainford, assignor to Pilkington Brothers Limited, Lancaster, England. Purification of sand and other minerals from iron. 2,381,843; Aug. 7.

Sherman, Alvin G., Grosse Pointe, Mich., assignor to Globe American Corporation, Kokomo, Ind. Method and apparatus for forming small boats. 2,372,521; Mar. 27.

Sherman, C. W., trustee, et al.: *See*—
Sherman, Clifton W., assignor.

Sherman, Charles G., et al.: *See*—
Wahl, John C., assignor.

Sherman, Clifton W., Ancaster, Ontario, assignor of one-third to Dominion Foundries & Steel Limited, Hamilton, Ontario, Canada, and one-third to C. W. Sherman, trustee for Dominion Foundries & Steel Employees' Savings and Profit Sharing Fund. Apparatus for continuously hot dip coating of tin on coiled strip. 2,390,007; Nov. 27.

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile front wheel suspension. 2,372,744; Apr. 3.

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Upsetting channel edges for welding. 2,377,974; June 12.

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Forging die. 2,384,349; Sept. 4.

Sherman, Edgar B., Darlington, S. C. Repairing cracked cylinder heads and blocks. 2,369,415; Feb. 13.

Sherman, John Q.: *See*—
Metzner, Albert W.

Sherman, John Q., deceased, by K. M. Sherman, W. C. Sherman, and W. B. Turner, Dayton, Ohio, executors. Separating machine. 2,368,683; Feb. 6.

Sherman, Katherine M., et al., executors: *See*—
Metzner, Albert W., assignor.

Sherman, Katherine M., executor, et al.: *See*—
Sherman, John Q.

Sherman, Laurence R., Glens Falls, N. Y., and C. R. Bartels, South Orange, assignors to National Oil Products Company, Harrison, N. J. Manufacture of cement. 2,390,225; Dec. 4.
Sherman, Orville B., assignor to Detroit Macoid Corporation, Detroit, Mich. Cosmetic container. 2,380,338; July 10.
Sherman, Rallston M., Glastonbury, assignor to The Silent Glow Oil Burner Corporation, Hartford, Conn. Wall flame type burner. 2,388,502; Nov. 6.
Sherman, Ralph A., assignor to Battelle Memorial Institute, Columbus, Ohio. Stoker. 2,371,191; Mar. 13.
Sherman, Ralph H.: *See*—
Yerkovich, S., Sherman, and Cameron.
Sherman, Russel J., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,368,786; Feb. 6.
Sherman, Sol, New York, N. Y. Money and article carrying belt. 2,383,748; Aug. 28.
Sherman, Vernon W., Summit, N. J., and E. Gonyou, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Electric machine. 2,372,453; Mar. 27.
Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Induction heating apparatus and flux field control thereof. 2,383,992; Sept. 4.
Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Induction heating apparatus. 2,386,819; Oct. 16.
Sherman, Vernon W., Summit, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Apparatus for selective heat treatment of metal. 2,390,559; Dec. 11.
Sherman, William C., executor, et al.: *See*—
Sherman, John Q.
Sherka, Chemical Co., Inc.: *See*—
Von Becker, Burkhard, assignor.
Sheroff, Abraham S., Boston, Mass. Starting and stopping power transmission mechanism. 2,372,397; Mar. 27.
Sherrer, John M., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Converter attachment. 2,378,587; June 19.
Sherrill, Burl E., Peru, Ind. Magnetic compass. 2,375,329; May 8.
Sherrill, Harry J., Youngstown, Ohio. Air brake valve. 2,366,937; Jan. 9.
Sherrow, Sayle, Richmond, Ind. Stock feed mechanism. 2,368,890; Feb. 6.
Sherry, Henry A., San Bruno, Calif. Portable ramp for vehicles. 2,370,427; Feb. 27.
Sherwin, Chalmers W., Belmont, Mass., assignor, by mesne assignments, to United States of America as represented by the Secretary of War. Remote indicating system. 2,389,692; Nov. 27.
Sherwin-Williams Company, The: *See*—
Adams, Richard C., assignor.
Carlson, Neal K., assignor.
Downs, C. D., and Saunders, assignors.
McCord, A. T., and Saunders, assignors.
O'Neal, Grady M., assignor.
Waters, Harold A., and Meadows, assignors.
Sherwood, Fred, and C. J. Kriz, Cheyenne, Wyo. Recap tire balancing wheel. 2,390,008; Nov. 27.
Sherwood, Frederick E., assignor to National Aluminate Corporation, Chicago, Ill. Water treating composition and producing same. 2,376,885; May 29.
Sherwood, Lester L., Los Angeles, Calif. Billfold. 2,384,199; Sept. 4.
Sherwood, Lester L., Los Angeles, Calif. Billfold. 2,388,444; Nov. 6.
Sherwood Refining Company, Inc.: *See*—
Keck, Walter E., assignor.
Sherwood, Reginald C: *See*—
Andrews, J. S., and Sherwood.
Shewell, Charles T.: *See*—
Jones, W. C., and Shewell.
Shiatte, Ludovic, et al.: *See*—
Brown, Arthur S., assignor.
Shibovich, Henry J., Chicago, Ill. Stock straightener. 2,389,644; Nov. 27.
Shick, Margaret E., McFarland, Calif. Chair and music stand unit. 2,375,696; May 8.
Shideler, Elbert M., and H. L. Bloxom, Council Bluffs, Iowa. Centrifugal machine. 2,387,095; Oct. 16.
Shield, Charles F., et al.: *See*—
Bowman, Lee, assignor.
Shield, John, Valois, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Insulated electrical conductor and cable. 2,386,753; Oct. 16.
Shields, Albert F: *See*—
Keuffel, C. W., Wiedemann, and Shields.
Shields, Arthur L., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,379,193; June 26.
Shields, Hardin O., Abilene, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for conditioning cotton seed. 2,376,094; May 15.
Shields, Herbert F. H.: *See*—
Grossmith, G. W., and Shields.
Shields, James E., Niagara Falls, N. Y., and U. B. Bray, Palos Verdes Estates, Calif., assignors to Alox Corporation, New York, N. Y. Lubricating and corrosion-preventing composition. 2,389,090; Nov. 13.
Shields, Raleigh T., Newport News, Va. Helmet for acetylene welders. 2,370,499; Feb. 27.
Shields, Robert A., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Latch lock for mine cars. 2,376,826; May 22.
Shields, William H., assignor to Emery Industries, Inc., Cincinnati, Ohio. Manufacture of greases from grease bases. 2,381,314; Aug. 7.
Shigley, Claire M.: *See*—
Schambra, W. P., and Shigley, assignors.
Shigley, Claire M., Freeport, Tex., assignor to The Dow Chemical Company, Midland, Mich. Rotary lime treating apparatus. 2,375,499; May 8.
Shill, Sidney C., Los Angeles, Calif. Piano. 2,377,582; June 5.
Shimwell, Derrick W., Alderley Edge, England. Beat-up mechanism of looms for weaving. 2,380,798; July 31.
Shimwell, Derrick W., Alderley Edge, England. Weft beat-up mechanism of looms for weaving. 2,382,511; Aug. 14.
Shina, Frank C., Urbana, Ohio, assignor to United Paperboard Company, New York, N. Y. Box. 2,373,423; Apr. 10.
Shinholt, George L.: *See*—
Greene, H. M., and Shinholt.
Shinkle, Archie E., Eagleville, Tenn. Calendar. 2,383,892; Aug. 28.
Shinkle, Seaphes D., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Insect repellent. 2,381,082; Aug. 7.
Shinn, Byron H., Butler, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Adjustable seat. 2,367,829; Jan. 23.
Shinn, Robert F., Lewisville, Tex. Can crusher. 2,373,057; Apr. 3.
Shipley, Elias S.: *See*—
Ross, W. H., Shipley, Mullins, and Hardesty.
Shipley, George H., Jr., and W. B. Franklin, Baytown, Tex., assignors to Standard Oil Development Company. Hydrocarbon dehydration by distillation. 2,368,497; Jan. 30.
Shipman, Raymond F., Kearny, N. J., assignor of one-half to F. A. Cummings, Maybrook, N. Y. Weighing scoop. 2,386,637; Oct. 9.
Shipp, Vladimir L.: *See*—
Cauley, S. P., and Shipp.
Shipp, Vladimir L., New York, and A. C. Pabst and R. B. Killingsworth, Douglaston, N. Y., assignors to Socony-Vacuum Oil Company, Incorporated. Toxicant petroleum products. 2,374,387; Apr. 24.
Shiras, Russell N.: *See*—
Souders, M., Jr., and Shiras.
Shiras, Russell N., Oakland, and D. B. Luckenbill, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Dehydration of acetone. 2,373,269; Apr. 10.
Shirkey, James J.: *See*—
Barksdale, John D., assignor.
Shirley, Clifford H., Nutley, N. J., assignor to The Columbia Mills, Inc., New York, N. Y. Shade mounting for outswinging windows. 2,386,986; Oct. 16.
Shivell, Homer J., Kingsport, Tenn. Check strap. 2,374,042; Apr. 17.
Shively, Chester H.: *See*—
Freeman, L. T., and Shively, assignors.
Shively, John J.: *See*—
Lecky, P., and Shively.
Shively, John J., and H. R. Van Deventer, New York, N. Y. Phonograph mechanism. 2,380,799; July 31.
Shively, John J., and H. R. Van Deventer, assignors to Telephone Answering and Recording Corporation, New York, N. Y. Recording and reproducing apparatus. 2,374,842; May 1.
Shively, Roy H.: *See*—
Freeman, L. T., and Shively.
Shivers, Paul F., Edina, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature compensator for pressure responsive devices. 2,366,566; Jan. 2.
Shmidl, Albert J.: *See*—
Cato, A. Q., Wash, and Shmidl.
Shnitzler, Meyer J., Jamaica Plain, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,371,412; Mar. 13.
Shobert, Erle I., II, J. E. Diehl, and A. J. Schutz, assignors to Stackpole Carbon Company, St. Marys, Pa. Generator regulator. 2,366,878; Jan. 9.
Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Electric contacts. 2,382,338; Aug. 14.
Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Method and apparatus for prolonging the life of electric brushes. 2,389,214; Nov. 20.
Shobert, Samuel M., Flourtown, assignor, by mesne assignments, to Marco Chemicals, Inc., Sewaren, Pa. Casting apparatus and method. 2,390,129; Dec. 4.
Shockett, Harry U., Denver, Colo. Fluorescent lamp fixture. 2,367,472; Jan. 16.
Shock Proof Lens Guard, Inc.: *See*—
Brown, William, assignor.

Shoe Form Co. Inc.: *See*—
De Witt, William J., assignor.
DeWitt, W. J., Ott, and Runk, assignors.
Shoe Press Corporation: *See*—
Smith, John F., assignor.
Shoeld, Mark, assignor to The Davison Chemical Corporation, Baltimore, Md. Dehydrating process. 2,376,095; May 15.
Shoeld, Mark, Towson, assignor to The Davison Chemical Corporation, Baltimore, Md. Phosphoric acid manufacture. 2,384,773; Sept. 11.
Shoemaker, Bernard H.: *See*—
Adams, C. E., and Shoemaker.
Carmody, D. R., and Shoemaker.
Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of ethylene to butadiene. 2,376,986; May 29.
Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Manufacture of dienes. 2,376,988; May 29.
Shoemaker, Bernard H., Whiting, Ind., and E. L. D'Ouville, assignors to Standard Oil Company, Chicago, Ill. Producing unsaturation in hydrocarbons. 2,381,987; Aug. 14.
Shoemaker, Bernard H., Hammond, Ind., and E. L. D'Ouville, assignors to Standard Oil Company, Chicago, Ill. Treating olefine polymers. 2,390,621; Dec. 11.
Shoemaker, Ethel S., executrix: *See*—
Smith, George K.
Shoemaker, Fred G., and O. C. Kreis, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Equalizer for dual clutches. 2,367,064; Jan. 9.
Shoemaker, George H., Brooklyn, N. Y., assignor to Federal Telephone and Radio Corporation. Rectifier. 2,380,080; July 10.
Shoemaker, George H., Brooklyn, assignor to Federal Telephone & Radio Corporation, New York, N. Y. Selenium rectifier temperature indicator. 2,384,200; Sept. 4.
Shoemaker, Milton J., assignor to Research Products Corporation, Madison, Wis. Treatment of water. 2,368,574; Jan. 30.
Shoemaker, Richard W., Woodbury, Conn. Apparatus for the manufacture of helical heat exchange fins. 2,370,265; Feb. 27.
Shoemaker, Robert C., assignor to Williamette Hyster Company, Portland, Oreg. Vehicle loader. 2,388,015; Oct. 30.
Shoenberg, Milton H., deceased, by N. Shoenberg, administratrix; said M. H. Shoenberg, assignor to J. H. Kay, San Francisco, Calif. Selective electric switch apparatus. 2,372,988; Apr. 3.
Shoenberg, Norine, administratrix: *See*—
Shoenberg, Milton H.
Shoesmith, Albert, Fall River, assignor to Draper Corporation, Hopedale, Mass. Bobbin support stop. 2,380,709; July 31.
Shoffner, Harry C., Lawrence, Kans. Rivet drill. 2,372,398; Mar. 27.
Shokal, Edward C.: *See*—
Evans, T. W., Morris, and Shokal.
Marple, K. E., Shokal, and Evans.
Morris, R. C., and Shokal.
Sholar, William J., New Rochelle, N. Y. Dehydrating apparatus. 2,380,555; July 31.
Sholder, Morris, assignor to Form Fashion, Inc., Chicago, Ill. Blouse. 2,390,188; Dec. 4.
Sholl, Harold A., Jr., assignor to The Brown Instrument Company, Philadelphia, Pa. Liquid seal and flow gauge. 2,370,755; Mar. 6.
Shoner, Robert N., Fort Wayne, Ind. Seal leakage detector for canned goods. 2,374,140; Apr. 17.
Shonle, Horace A., and E. Rohrmann, assignors to Eli Lilly and Company, Indianapolis, Ind. Carbonates of 1-R-1 aminoethanes. 2,386,273; Oct. 9.
Shonnard, John R., assignor to Times Telephoto Equipment Inc., New York, N. Y. Frequency modulation system. 2,366,363; Jan. 2.
Shonts, James G., Glendale, and J. B. Pray, North Hollywood, assignors to Lockhead Aircraft Corporation, Burbank, Calif. Transparent closure mounting. 2,379,194; June 26.
Shook, Earley M., Washington, D. C., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gain control for seismograph amplifiers. 2,383,571; Aug. 28.
Shook, Earley M., and R. W. Olson, Washington, D. C., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for transmitting seismic signals. 2,369,081; Feb. 6.
Shook, Earley M., and R. W. Olson, Washington, D. C., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for seismic surveying. 2,369,082; Feb. 6.
Shook, Florain J., Akron, Ohio, assignor to National-Standard Company. Tire bead former. 2,382,672; Aug. 14.
Shook, H. G., Company, The: *See*—
Frankhouser, Albert G., assignor.
Shoosmith, Guy T., Chislehurst, assignor to Clarke, Chapman & Company Limited, Gateshead-on-Tyne, England. Luffing crane. 2,368,891; Feb. 6.
Shore, Jesse J., Dallas, Tex. Internal-combustion engine. 2,367,894; Jan. 23.
Shoreys, Charles, St. Albans, N. Y., assignor to Radio Corporation of America. Rotary shaft coupling. 2,366,461; Jan. 2.
Short, Frank, U. S. Army, Canton Center, Conn. Testing apparatus. 2,371,192; Mar. 13.
Short, George A.: *See*—
Crew, Morris W., and Short.
Short, Graham H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of hydrocarbons. 2,386,360; Oct. 9.
Short, Graham H., and G. G. Oberfell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Production of high octane fuels. 2,376,558; May 22.
Short, Graham H., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Process and reagent for the separation of diolefins. 2,386,274; Oct. 9.
Short, Herbert E., assignor of one-half to Precision Engineering Company Limited, Wellington, New Zealand. Card index. 2,371,713; Mar. 20.
Short, Thomas T., Fort Wayne, Ind., assignor to General Electric Company. Voltage regulator circuit. 2,367,625; Jan. 16.
Short, Wallace F., and P. Oxley, assignors to Boots Pure Drug Company Limited, Nottingham, England. Dyestuffs suitable for use as indicators. 2,376,283; May 15.
Shortell, William H., assignor to Millers Falls Company, Greenfield, Mass. Pressure indicator for hack saws. 2,381,988; Aug. 14.
Shorter, Josephine: *See*—
Waters, Andrew S., assignor.
Shortland, Arthur. *See*—
Bromley, T. C., and Shortland.
Shotwell, Hugh C., and R. F. Goff, Phoenix, Ariz. Automatic filling device for batteries. 2,384,970; Sept. 18.
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Centrifugal compressor. 2,373,713; Apr. 17.
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Control system for aircraft turbosuperchargers. 2,374,708; May 1.
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Control for aircraft superchargers. 2,376,199; May 15.
Shoup, Allen A.: *See*—
Shapiro, A., and Shoup.
Shoup, Stanley S., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Retractable operating head for vertically actuated arbor or assembly press. 2,390,849; Dec. 11.
Shourds, Dalton B., et al.: *See*—
Clyburn, Andrew D., assignor.
Showers, Lewis M., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Internal-combustion motor and method of operating it. 2,383,749; Aug. 28.
Shriro, Morris A.: *See*—
Pitinsky, M., Gerst, and Shriro.
Shriver, T., & Company, Inc.: *See*—
Mueser, Charles, assignor.
Shroyer, Jacob L., Oak Park, and H. A. Michaelis, Elmhurst, assignors to Edison General Electric Appliance Company, Inc., Chicago, Ill. Cooking device. 2,367,626; Jan. 16.
Shryer, Arthur F., Kenmore, N. Y. Multiple splint unit. 2,367,895; Jan. 23.
Shue, Clyde L., Coronado, Calif., and F. J. Allgeo, Reno, Nev. Level. 2,385,424; Sept. 25.
Shuey, Charles R., Spokane, Wash. Trailer logging bunk. 2,377,723; June 5.
Shufflebotham, John S., Walsall, England, assignor to Imperial Chemical Industries Limited. Cartridge case. 2,381,083; Aug. 7.
Shugart, H. A., et al.: *See*—
Flook, Cyril M., assignor.
Shuler, Carl J., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Synthetic poppet valve. 2,368,887; Feb. 6.
Shuler, Morris L., Cleveland Heights, Ohio. Child's vehicle. 2,375,389; May 8.
Shultz, Frederick W., Wichita, Kans. Bolt and mounting therefor. 2,379,752; July 3.
Shultz, Irving I., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Executing catalytic conversions with regenerative contact masses. 2,366,567; Jan. 2.
Shuman, Moses, West Los Angeles, Calif. Hydraulic brake. 2,376,662; June 19.
Shumard, Charles C., Moorestown, N. J., assignor to Radio Corporation of America. Electronic switching system. Re. 22,672; Aug. 28.
Shumard, Roland S., assignor to Monsanto Chemical Company, St. Louis, Mo. Sap-stain control. 2,385,764; Sept. 25.
Shurcliff, William A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Spectral shift color reproduction. 2,369,317; Feb. 13.
Shurcliff, William A., Washington, D. C., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer attachment for eliminating specular reflection. 2,383,346; Aug. 21.
Shure Brothers: *See*—
Bauer, Benjamin B.

Shure, Frances, et al., trustee: *See*—
Bauer, Benjamin B., assignor.
Shure, S. N., et al., trustee: *See*—
Bauer, Benjamin B., assignor.
Shuron Optical Company, Inc.: *See*—
Jerry, Carl R., assignor.
Shurts, Wilbur F.: *See*—
Black, J. B., and Shurts.
Shutt, Richard S.: *See*—
Clark, A., and Shutt.
Shutt, Richard S., assignor to Battelle Memorial Institute, Columbus, Ohio. Producing solution containing cellulosic material. 2,371,359; Mar. 13.
Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Loom. 2,389,091; Nov. 13.
Sias, Frederick R., Marblehead, Mass., assignor to General Electric Company. Temperature indicator. 2,367,065; Jan. 9.
Sibert, Alfred B.: *See*—
Hruska, H. E., and Sibert.
Sibert, Alfred B., Rochester Township, Fulton County, Ind. Fluid transmission. 2,387,415; Oct. 23.
Sibley, Henry C., Jr., assignor to General Railway Signal Company, Rochester, N. Y. Coded centralized traffic control system. 2,378,332; June 12.
Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Sulphides of dialkyl phenols. 2,370,756; Mar. 6.
Sibson, Walter W., Jr., and H. H. Belcher, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Packaging machine. 2,366,811; Jan. 9.
Sichère, René M., Elmhurst, N. Y. Shoemaking. 2,385,307; Sept. 18.
Sickles, F. W., Company, The: *See*—
Oliver, Herbert F., assignor.
Siddle, Francis J.: *See*
Myles, J. R., Whittaker, and Siddle.
Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Bearing. 2,377,526; June 5.
Sidebotham, Melvin H., et al.: *See*—
Hoag, Roderick W., assignor.
Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Machine for making packages. 2,368,429; Jan. 30.
Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Machine for sealing containers. 2,368,046; Jan. 23.
Sidebotham, Melvin H., Newton, assignor of one-half to H. M. Russell, Chelsea, Mass. Method and machine for punching out articles from strips. 2,386,147; Oct. 2.
Sidell, Philip A., and E. J. Wellman, assignors to Outboard Marine & Manufacturing Company, Galesburg, Ill. Method and product of joining preformed plastic members. 2,378,801; June 19.
Sidelmann, Sybil E., Hollywood, Fla. Beach dressing tent. 2,376,284; May 15.
Siden, Karl Å., Sandviken, Sweden. Drapery, curtain, and similar hangings. 2,366,986; Jan. 9.
Siderman, Joseph A., Eatontown, N. J. Chronometric radiosonde system. 2,381,009; Aug. 7.
Sides, Harold I. and R. M., Chicago, Ill. Basket carrying cart. 2,377,815; June 5.
Sides, Raymond M.: *See*—
Sides, Harold I. and R. M.
Sidley, William P., trustee, et al.: *See*—
Geiger, William A., assignor.
Sidley, William P., et al., trustees: *See*—
Geiger, William A., assignor.
Sieb, Henry, Hammond, Ind. Conveyer structure. 2,390,276; Dec. 4.
Siebert, George J. H., Merion, Pa. Railway track assembly. 2,377,273; May 29.
Siebs, Claude T., Summit, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Flooring. 2,367,146; Jan. 9.
Siedentopf, Heinz A., St. Paul, Minn., assignor to Fromm Laboratories, Inc., Grafton, Wis. Method and apparatus for reserving biological substances. 2,380,339; July 10.
Siefken, George R., New York, N. Y. Humidifying apparatus. 2,377,527; June 5.
Siegel, Chester A., Newark, N. J., assignor to American Arch Co., New York, N. Y. Locomotive firebox equipment. 2,367,532; Jan. 16.
Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Locomotive firebox equipment. 2,379,597; July 3.
Siegel, Walter: *See*—
Lambach, F., and Siegel.
Siegenthaler, Walter, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Device for unreeling the strand material in winding machines. 2,370,922; Mar. 6.
Siegenthaler, Walter, assignor to Maschinenfabrik Scharer, Erlenbach, Zurich, Switzerland. Thread traverse drum, particularly for winding machines. 2,370,923; Mar. 6.
Siegenthaler, Walter, assignor to Maschinenfabrik Scharer, Erlenbach, Zurich, Switzerland. Spool holder for winding machines. 2,370,924; Mar. 6.
Siegenthaler, Walter, Erlenbach, near Zurich, assignor to Maschinenfabrik Scharer, Erlenbach, Zurich, Switzerland. Winding machine for producing tubular cops. 2,385,949; Oct. 2.
Siegenthaler, Walter, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Winding machine. 2,387,949; Oct. 30.
Siegerist, Walter, University City, Mo. Mounting for sheaves and the like. 2,377,046; May 29.
Siegerist, Walter, University City, Mo. Turning machine. 2,389,556; Nov. 20.
Siegrist, John C.: *See*—
Kuna, Jozsef, assignor.
Siemens Brothers & Co. Limited.: *See*—
Christian, D. A., and Dibben, assignors.
Christian, D. A., and Long, assignors.
Durkin, Eric W., assignor.
Siemers, Eric, assignor to R. B. Lacey, Kalamazoo, Mich. Welding electrode holder. 2,377,047; May 29.
Siesel, William M., Morrisville, Pa., assignor to Elastic Stop Nut Corporation, Union, N. J. Making anchor nuts. 2,370,201; Feb. 27.
Sievers, Carl F., Pontiac, Mich., assignor to Phillips Petroleum Company. Closure attachment means. 2,367,896; Jan. 23.
Sievert, Roy E., Morris, Minn. Hand cultivator. 2,382,030; Aug. 14.
Siewert, Edwin C., Wausau, Wis., assignor to Marathon Corporation. Leakproof carton. 2,374,458; Apr. 24.
Sifferd, Robert H., Lyons, assignor to Armour and Company, Chicago, Ill. Preparation of lecithin. 2,371,476; Mar. 13.
Sigford, John V.: *See*—
Gille, W. H., and Sigford.
Siggia, Sidney: *See*—
Mark, H. F., and Siggia.
Sigmund Corporation: *See*—
Sigmund, F. J., and Hlavin, assignors.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Dynamoelectric machine. 2,371,193; Mar. 13.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Winding element. 2,383,019; Aug. 21.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Liquid-tight stator. 2,385,385; Sept. 25.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Pumping arrangement. 2,386,275; Oct. 9.
Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio, assignors, by mesne assignments, to Sigmund Corporation. Cooling means for dynamoelectric machine. 2,390,130; Dec. 4.
Signal Engineering & Manufacturing Company: *See*—
Wheelock, John H., assignor.
Signal Oil and Gas Company: *See*—
Young, Garth L., assignor.
Signer, Johan U., West Hartlepool, and L. M. Douglas, assignors to Richardsons, Westgarth & Company Limited, and The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Gearing. 2,389,557; Nov. 20.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Multiple needle stitching mechanism. 2,369,183; Feb. 13.
Sigoda, Victor J., Great Neck, Long Island, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Ruffler operating mechanism. 2,370,693; Mar. 6.
Sigoda, Victor J., Great Neck, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Dress or skirt trimming mechanism. 2,383,020; Aug. 21.
Sihvonen, Kauno E.: *See*—
Riopelle, E. F., and Sihvonen.
Sihvonen, Kauno E., and E. F. Riopelle, assignors to General Motors Corporation, Detroit, Mich. Balancing machine. 2,382,673; Aug. 14.
Silber, Eugene, New York, N. Y. Injector-timer for internal-combustion engines. 2,381,623; Aug. 7.
Silberkraus, Samuel H., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing synthetic resin. 2,373,058; Apr. 3.
Silberstein, George P., assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,371,779; Mar. 20.
Silberstein, Victor: *See*—
Kernot, Joseph C., and Silberstein.
Silbert, Eileen, et al.: *See*—
Du Bois, Joseph E., assignor.
Silent Glow Oil Burner Corporation, The: *See*—
Sherman, Rallston M., assignor.
Siler, Robert W., Oak Ridge, Tenn. Sling fitting. 2,384,497; Sept. 11.
Silex Company, The: *See*—
Lucia, Louis V., assignor.
Wolcott, Frank E., assignor.
Wolcott, F. E., and Lucia, assignors.
Silge, Martin, Oakland, Calif. Refractometer. 2,383,347; Aug. 21.
Silge, Martin, Oakland, Calif. Refractometer. 2,391,599; Dec. 25.
Silk, Charles E., Alton, assignor to Olin Industries, Inc., East Alton, Ill. Smokeless powder process. 2,375,175; May 1.

Silk, Charles E., Alton, Ill., assignor to Olin Industries, Inc. Making extruded powder. 2,381,468; Aug. 7.
Sillick, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose nitrate. 2,367,533; Jan. 16.
Sillick, William E., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of wood pulp cellulose for nitration. 2,384,853; Sept. 18.
Silliman, Louis A., assignor to C. J. Bates & Sons, Chester, Conn. Tatting shuttle. 2,366,568; Jan. 2.
Silva, Frederick G., and W. S. Davenport, deceased, by E. E. Davenport, executrix, assignors to Davenport Machine Tool Co., Inc., Rochester, N. Y. Cam assembly. 2,379,545; July 3.
Silva, Frederick G., and W. S. Seymour, assignors to Davenport Machine Tool Co., Inc., Rochester, N. Y. Clutch operating means. 2,385,734; Sept. 25.
Silva, Joseph B.: *See*—
Brown, A. J., and Silva.
Silvasy, John E., and L. Taylor, Youngstown, Ohio. Apparatus for producing metal powder. 2,384,971; Sept. 18.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Crank grinding machine. 2,375,737; May 8.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Surface grinding machine. 2,387,044; Oct. 16.
Silver, Harold F., Denver, Colo. Continuous diffusion process. 2,390,131; Dec. 4.
Silver, Leonard, and M. Maccormac, assignors to The Gas Light and Coke Company, Westminster, London, England. Apparatus for heating gas streams. 2,375,500; May 8.
Silver, Seymour D., Baltimore, Md. Hot water-soluble paint. 2,369,184; Feb. 13.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Power lift mechanism. 2,366,155; Jan. 2.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Power lift. 2,368,266; Jan. 30.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Disk tiller. 2,370,374; Feb. 27.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,373,920; Apr. 17.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Disk tiller. 2,376,455; May 22.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Two-way plow. 2,383,689; Aug. 28.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Cultivator. 2,385,950; Oct. 2.
Silverberg, Isadore M., Chicago, Ill. Air deflector for electric fans. 2,371,360; Mar. 13.
Silverman, Anna C., Brooklyn, assignor of one-half to M. D. Silverman, New York, N. Y. Safety thread cutter for sewing machines. 2,372,609; Mar. 27.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well measurement. 2,370,818; Mar. 6.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Transmitting system. 2,379,996; July 10.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Locating bottom of oil production. 2,384,648; Sept. 11.
Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Well logging. 2,389,241; Nov. 20.
Silverman, Eli E., Brooklyn, N. Y., M. Greene, Caldwell, and S. Greenspan, Newark, N. J. Combined protective enclosure and support for infants' feeding bottles. 2,389,390; Nov. 20.
Silverman, Milton D.: *See*—
Silverman, Anna C., assignor.
Silversparre, Gustav A., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Steam locomotive. 2,387,950; Oct. 30.
Silvester, Austin G., Swampscott, Mass., assignor to General Electric Company. Aircraft supercharger control. 2,378,441; June 19.
Simison, Allen L.: *See*—
Slayter, G., and Simison.
Simjian, Luther G., Riverside, assignor to General Research, Inc., Stamford, Conn. Photographic apparatus. 2,386,276; Oct. 9.
Simkovits, Sandor, Budapest, Hungary; vested in the Alien Property Custodian. Apparatus for the purification of liquids. 2,378,737; June 19.
Simmon, Alfred: *See*—
Weisglass, L. L., and Simmon.
Simmon, Alfred, Jackson Heights, and L. L. Weisglass, New York, N. Y.; said Weisglass assignor to said Simmon. Photographic shutter. 2,371,072; Mar. 6.
Simmon, Alfred, Jackson Heights, and L. L. Weisglass, New York, N. Y.; said Weisglass assignor to said Simmon. Camera. 2,386,575; Oct. 9.
Simmonds Aerocessories, Inc.: *See*—
Chambers, J. C., and Allen, assignors.
Overbeke, John W. assignor.
Parr, Bernard A., assignor.
Smith, Stanley J., assignor.
Simmonds Development Corporation Limited: *See*—
Clayson, Harry F., assignor.
Simmonds, Oliver E.: *See*—
Robertson, Edward R., assignor.
Simmonds, Oliver E., Ripley, England. Self-locking nut. 2,374,241; Apr. 24.
Simmons Company: *See*—
Woller, Edward E., assignor.
Simmons, Edward N., and D. F. Dwyer, Chicago, Ill.; said Dwyer assignor to said Simmons. Sewing machine. 2,374,043; Apr. 17.
Simmons, Frank L., Woonsocket, R. I. Permanent magnet holding device. 2,390,743; Dec. 11.
Simmons, Glen R., and H. A., Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for testing coating materials. 2,373,200; Apr. 10.
Simmons, Howard A.: *See*—
Simmons, Glen R. and H. A.
Simmons, John W., Cleveland Heights, Ohio. Fastener. 2,370,375; Feb. 27.
Simmons, John W., Cleveland Heights, Ohio. Fastening means. 2,389,278; Nov. 20.
Simmons, John W., Cleveland Heights, Ohio. Resilient fastener. 2,391,650; Dec. 25.
Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,391,485; Dec. 25.
Simmons, Lovel R., Jackson, Miss. Hauling unit. 2,382,449; Aug. 14.
Simmons, Norwood L., Hollywood, Calif., assignor to Eastman Kodak Company, Rochester, N. Y. Latent image intensification with sulphur dioxide. 2,368,267; Jan. 30.
Simmons, Paul G., North Bergen, N. J. Nail polish drier. 2,389,822; Nov. 27.
Simmons, William A., Miller, Mo. Poultry fountain and feeder. 2,378,251; June 12.
Simms, Charles H.: *See*—
Breadner, R. L., Harris, and Simms.
Simon, Jake W., Topeka, Kans. Pipe thawing device. 2,382,512; Aug. 14.
Simon, John, Tramelan, Switzerland. Waterproof push button for timepieces. 2,391,803; Dec. 25.
Simon, Reuben, assignor to Briggs Manufacturing Company, Detroit, Mich. Aircraft construction. 2,375,951; May 15.
Simonds, Frank C., Moylan, Pa. Lifeboat davit. 2,366,812; Jan. 9.
Simonds, George D., assignor to The Four Wheel Drive Auto Company, Clintonville, Wis. Tandem drive axle. 2,381,624; Aug. 7.
Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Cloth string feed apparatus. 2,378,333; June 12.
Simonetti, Charles J., Brooklyn, N. Y. Sole compressor for shoes. 2,382,112; Aug. 14.
Simons, Glenn, Larrabee, Iowa. Convertible elevator for trucks. 2,381,780; Aug. 7.
Simons, John K., Toledo, Ohio, and W. I. Weaver, Pittsburgh, Pa., assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Biuret derivatives. 2,378,110; June 12.
Simonsen, George N., Chicago, Ill. Gauge for pipe bending machines. 2,382,266; Aug. 14.
Simonson, Wilber S., Spokane, Wash. Construction method. 2,366,156; Jan. 2.
Simonton, Theodore E.: *See*—
Altobelli, Fulgenzio, assignor.
Simpkins, Carl R., Los Angeles, Calif., assignor to S. V. McConnell, Seattle, Wash. Wiener vending machine and process. 2,390,277; Dec. 4.
Simpkins, Isaac W., and E. R. Nelson, Charlotte, N. C. Vehicle brake mechanism. 2,369,259; Feb. 13.
Simplex Time Recorder Co.: *See*—
Dell, James A., assignor.
Dell, J. A., and Hobby, assignors.
Simplex Valve and Meter Company: *See*—
Borden, Moro M., assignor.
Simplicity Manufacturing Company: *See*—
Donald, Forrest V., assignor.
Simpson, Clarence E., Springfield, Mass. Firearm. 2,379,461; July 3.
Simpson, Clarence E., Springfield, Mass. Firing rate reducer. 2,384,854; Sept. 18.
Simpson, Clarence E., Springfield, Mass. Tripod. 2,388,296; Nov. 6.
Simpson, Cleveland, Winston-Salem, N. C. Film clip. 2,387,471; Oct. 23.
Simpson, Fielding B., Richmond, Ind., assignor of one-third to C. Plauche, Lake Alfred, Fla., and one-third to Harrington-Hoch, Incorporated, Richmond, Ind. Device for grinding the pistons and measuring chambers of water meters. 2,374,784; May 1.
Simpson, Henry A.: *See*—
Pecker, J. S., Simpson, and Kirshner.
Simpson, Herbert S.: *See*—
Brown, Davis, assignor.
Simpson, J. B., Inc.: *See*—
Latter, Barney, assignor.
Simpson, James, Linden, N. J., assignor to Standard Oil Development Company. Cleaning heat exchanger surfaces. 2,380,340; July 10.
Simpson, John K., assignor to Automotive Products Company Limited, Leamington Spa, England. Locking device for remote control and other force transmitting systems. 2,384,201; Sept. 4.
Simpson, John K., assignor to Automotive Products Company Limited, Leamington Spa, Warwick, England. Hydraulic vibration damper. 2,385,545; Sept. 25.

Simpson, John M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,368,684; Feb. 6.
Simpson, R. A., Manufacturing Company, Inc.: *See*—
Charlton, John M., assignor.
Simpson, Thomas P.: *See*—
Nelson, T. W., Noll, and Simpson.
Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Apparatus for catalytic conversion. 2,379,195; June 26.
Simpson, William D.: *See*—
Trockle, F. E., McClellan, and Simpson.
Simpson, William E., South Ozone Park, N. Y., assignor to Radio Corporation of America. Relay control circuit. 2,387,536; Oct. 23.
Sims, John C., Jr., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Control for universal resonant type fatigue testing machines. 2,373,351; Apr. 10.
Sims, John J.: *See*—
King, R. A., Word and Sims.
Sims, Redding: *See*—
Rogers, J. C., and Sims.
Sims, Stuart: *See*—
Falslev, M. J., and Sims.
Sinchuk, Awksenty J., Bridgeport, Conn. Device for protecting ships against torpedoes. 2,373,424; Apr. 10.
Sinclair, Alfred C., Houston, Tex. Pump. 2,372,523; Mar. 27.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,366,938; Jan. 9.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,384,649; Sept. 11.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,391,200; Dec. 18.
Sinclair, Donald B., Concord, assignor to General Radio Company, Cambridge, Mass. Null-type meter and method. 2,376,394; May 22.
Sinclair, Harold, Kensington, London, W. 8, England. Reversing gearing. 2,375,952; May 15.
Sinclair Refining Company: *See*—
Apgar, Frank A., assignor.
Apgar, F. A., and Teter, assignors.
Bender, Richard O., assignor.
Finley, Willard L., assignor.
Herlocker, R. D., Kleinholz, and Watkins, assignors.
Herthel, Eugene C., assignor.
May, Robert L., assignor.
Mendius, William, assignor.
Teter, John W., assignor.
Teter, J. W., and Merwin, assignors.
Wayo, S. J., and Watkins, assignors.
Sinde, Alfred D. L., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,389,279; Nov. 20.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,366,569; Jan. 2.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,372,798; Apr. 3.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,375,697; May 8.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,375,698; May 8.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,375,699; May 8.
Sines, Harvey S., Montebello, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Precision squeezer yoke. 2,375,445; May 8.
Singer, Fred J.: *See*—
Large, W. V. K., and Singer.
Singer, Grover C., Brownsville, Tex. Multiple filament lamp. 2,368,685; Feb. 6.
Singer, Grover C., Brownsville, Tex. Electric lamp. 2,374,709; May 1.
Singer, Henry, Honolulu, Hawaii. Door check. 2,376,285; May 15.
Singer, Henry, Honolulu, Hawaii. Amusement device. 2,382,513; Aug. 14.
Singer, Henry, Honolulu, Hawaii. Pen and pencil clasp. 2,384,703; Sept. 11.
Singer, Kurt, North Hollywood, Calif., assignor to Radio Corporation of America. Unbalance correcting amplifier system. 2,390,850: Dec. 11.
Singer Manufacturing Company, The: *See*—
Abel, George, assignor.
Ackerman, James E., assignor.
Ackerman, J. E., and Zeier, assignors.
Anderson, Thomas A., assignor.
Arnhym, Albert A., assignor.
Batting, John G. G., assignor.
Clayton, Andrew B., assignor.
Enos, John P., assignor.
Hale, Arthur N., assignor.
Karle, John D., assignor.
Kneissler, Walter, assignor.
McLucas, William, assignor.
Muecke, Edward, assignor.
Naul, James M., assignor.
Parry, Frank, assignor.
Singer Manufacturing Company, The: *See*—Continued
Schenk, Carl R., assignor.
Webb, Irving F., assignor.
Wesson, George W., assignor.
Zonis, Sydney, assignor.
Singer, Philip A., and H. J. Deobald, Peoria, Ill., assignors to Allied Mills, Inc. Solvent extraction of oil from seeds. 2,377,975; June 12.
Singer, Philip A., and H. J. Deobald, Peoria, Ill., assignors to Allied Mills, Inc. Continuous solvent extraction of oil from seeds. 2,377,976; June 12.
Singleton, Henry M., Goose Creek, Tex., assignor to Standard Oil Development Company. Production of diolefins. 2,382,749; Aug. 14.
Singleton, Henry M., Goose Creek, Tex., assignor to Standard Oil Development Company. Dehydrogenating hydrocarbon. 2,389,215; Nov. 20.
Singleton, Henry M., Goose Creek, and T. B. McCulloch, Baytown, Tex., assignors to Standard Oil Development Company. Production of diolefins and vinyl benzenes. 2,385,166; Sept. 18.
Singleton, John F., Van, Tex. Chemical feeding pump. 2,383,422; Aug. 21.
Singley, Lyle V., Bloomington, Ill. Ventilated shipping box. 2,375,700; May 8.
Sink, Russell S., Denver, Colo., assignor to Remington Arms Company, Inc., Bridgeport, Mass. Geometrical instrument. 2,383,348; Aug. 21.
Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,372,229; Mar. 27.
Sinnett, Chester M., Westmont, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,376,456; May 22.
Sinnett, Chester M., Westmont, and R. Snepvangers, Haddon Heights, N. J., assignors to Radio Corporation of America. Record reproducing system. 2,374,785; May 1.
Sinnett, Chester M., Westmont, and R. Snepvangers, Haddon Heights, N. J., assignors to Radio Corporation of America. Record reproducing system. 2,388,578; Nov. 6.
Sipe, Martin E., Denver, Colo. Piston skirt expander. 2,374,463; Apr. 24.
Sipe, William: *See*—
Luger, William G., assignor.
Sipp-Eastwood Corporation: *See*—
Kent, Frederick J., assignor.
Sippel, John J., Upper Darby, assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Builder motion. 2,385,888; Oct. 2.
Sireci, Gesualdo, Brooklyn, N. Y. Plumb bob. 2,381,698; Aug. 7.
Sirmay, Julius, assignor to Jacquard Knitting Machine Co., Inc., Philadelphia, Pa. Cloth take-up. 2,366,462; Jan. 2.
Sirp, Emil: *See*—
MacPheat, A. M., Moon, and Sirp.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum tube mode lock forming apparatus. 2,367,147; Jan. 9.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Filament winding apparatus. 2,371,780; Mar. 20.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding apparatus. 2,371,781; Mar. 20.
Sirp, Emil, Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Filament winding apparatus. 2,371,782; Mar. 20.
Sirp, Emil, Downers Grove, and J. S. Stull, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for forming metallic articles. 2,369,318; Feb. 13.
Sirp, Emil, Downers Grove, and J. S. Stull, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article working apparatus. 2,388,621; Nov. 6.
Sirvent, Philip B., Toronto, Ontario, Canada. Comparator gauge. 2,378,334; June 12.
Siska, John G.: *See*—
Kreisler, L., and Siska.
Sisler, Charles O., Sault Ste Marie, Ontario, Canada. Continuous flow apparatus for testing pulp freeness. 2,379,835; July 3.
Sisson, Wayne A.: *See*—
Kulp, M. P., Moorehead, Sisson, and Webb.
Sittig, Conrad, Santiago, Chile. Explosive projectile. 2,369,924; Feb. 20.
Sively, Milton A.: *See*—
Obenshain, N., and Sively.
Sivertsen, Jens, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Automatic electronic load holder. 2,373,788; Apr. 17.
Sivil, Cecil S., Roselle, assignor to Baker & Company, Inc., Newark, N. J. Resistance or fuse wire. 2,375,446; May 8.
Six, Walter J., Indianapolis, Ind. Piston expander. 2,383,893; Aug. 28.
Six Wheels, Inc.: *See*—
Tarwater, L., and McKenzie, assignors.
Sjogren, Knut R., Los Angeles, Calif. Lapping block. 2,368,575; Jan. 30.

Sjogren, Walter O., Worcester, Mass. Tension device. 2,384,650; Sept. 11.
Skaggs, Glen A., Portsmouth, Va. Steam generator. 2,388,345; Nov. 6.
Skar, Adolph, Minneapolis, Minn. Vacuum release stopper. 2,385,847; Oct. 2.
Skavinsky, Anthony, Bronx, N. Y. Helicopter. 2,385,889; Oct. 2.
Skeel, John W., North Girard, Pa., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Two-piece rail anchor. 2,371,413; Mar. 13.
Skehan, Joseph W.: *See*—
Machlett, R. R., and Skehan.
Skehan, Joseph W., and G. J. Agule, Stamford, assignors to Machlett, Laboratories Incorporated, Springdale, Conn. Making bearings. 2,378,588; June 19.
Skell, Herbert C., Baldwin, N. Y., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Knockdown box. 2,389,580; Nov. 20.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selecting system. 2,375,044; May 1.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron switching means and circuit. 2,376,395; May 22.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron beam rotation synchronizing circut. 2,387,045; Oct. 16.
Skelly Oil Company: *See*—
Edson, K. C., and Fisher, assignors.
Royer, Leslie W., assignor.
Skelton, Charles E., Syracuse, N. Y. Milling head attachment for metalworking machines. 2,385,735; Sept. 25.
Skelton, William E.: *See*—
Callaway, J. R., and Skelton.
Skelton, William R.: *See*—
Trostler, F., Skelton, and Henschel.
Skillings, Ira W.: *See*—
Ward, H. K., Skillings, and Brown.
Skinker, Murray F., Montclair, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier. 2,369,185; Feb. 13.
Skinker, Murray F., Montclair, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Rectifier and making same. 2,383,993; Sept. 4.
Skinner, Charles W., assignor to Fashion Frocks, Inc., Cincinnati, Ohio. Measuring and marking cord lengths. 2,388,875; Nov. 13.
Skinner, George M., Buffalo, N. Y., assignor to The Linde Air Products Company. Blowpipe and nozzle therefor. 2,367,316; Jan. 16.
Skinner, Jennings B.: *See*—
Burger, L. E., and Skinner.
Skinner, Ralph L.: *See*—
Kasten, Walter, assignor.
Widmann, Willi, assignor.
Skinner Purifiers, Inc.: *See*—
Kasten, Walter, assignor.
Skinner, Ralph L., Detroit, Mich. Intake air-filter cleaning system. 2,368,787; Feb. 6.
Skinner, Robert W.: *See*—
Lindberg, Charles A., and Skinner.
Skinner, Roberts K.: *See*—
Gay, Bert, and Skinner.
Skipper, Edward M., assignor to Locke Insulator Corporation, Baltimore, Md. Apparatus for separating galvanized articles. 2,366,879; Jan. 9.
Sklar, Alfred L., Washington, D. C. Wax production. 2,375,142; May 1.
Sklovsky, Max, Moline, and W. H. Nordenson, Rock Island, assignors to Deere & Company, Moline, Ill. Foot control pedals. 2,383,690; Aug. 28.
Skog, Henry A.: *See*—
Ewald, R. L., and Skog.
Skogh, Clifford W., Cary, assignor to Magill-Weinsheimer Company, Chicago, Ill. Display device. 2,379,598; July 3.
Skolnik, Max, Chicago, Ill. Tank. 2,373,270; Apr. 10.
Skoog, Joseph E., Cranston, R. I. Safety attachment for presses. 2,383,221; Aug. 21.
Skoog, Per F., Olympia, Wash. Clutch mechanism. 2,368,892; Feb. 6.
Skoog, Per F., Olympia, Wash. Loading mechanism. 2,376,457; May 22.
Skoog, Robert W.: *See*—
Hanson, H., and Skoog.
Hanson, H., Skoog, and Grisso.
Skowron, Edmund A., Pittsburgh, and W. H. Woodings, Oakmont, Pa. Forging press. 2,382,339; Aug. 14.
Skriba, Rudolph A., Chicago, Ill., and E. R. Miller, and F. M. Littell, Detroit, Mich., assignors to F. J. Littell Machine Company, Chicago, Ill. Power-driven dial feed. 2,374,464; Apr. 24.
Skulley, John V., Chicago, Ill. Meter and scale therefor. 2,384,350; Sept. 4.
Slack, Fred A., Jr., Penn Valley, Pa. Fluorescent artificial teeth. 2,377,382; June 5.
Slack, Frederic W., and M. L. Carpentier, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power driving unit. 2,378,589; June 19.
Slad, Harry A., assignor of fifty per cent to L. C. Slad. West Chester, Ill. Tweezers. 2,381,084; Aug. 7.
Slad, Lillian C.: *See*—
Slad, Harry A., assignor.
Slade, Walter C.: *See*—
Chatterton, R. M., and Slade.
Slagh, Harold R.: *See*—
Britton, E. C., and Slagh.
Slagh, Harold R., Midland, Mich., assignor to The Dow Chemical Company. Ammonolysis of aryl halides. 2,391,848; Dec. 25.
Slagle, Elza A., Cleveland, Ohio. Clock hand remover. 2,391,521; Dec. 25.
Slagle, George H., Temple, assignor, by mesne assignments, to Berks County Trust Company, Reading, Pa. Forming extended lengths of metal wire. 2,384,351; Sept. 4.
Slain, Elizabeth, executrix: *See*—
Slain, John M.
Slain, John M., deceased; E. Slain, executrix, assignor to T. Brogan, Providence, R. I. Locket latch. 2,377,816; June 5.
Slamar, Frank: *See*—
Immel, R. B., and Slamar.
Slansky, Cyril M., assignor to The Dow Chemical Company, Midland, Mich. Electrolytic production of magnesium. 2,382,450; Aug. 14.
Slate, Arthur R.: *See*—
Koplin, H., Slate, and Haunost.
Slater, Charles A., A. D. Carpenter, and E. R. Shaw, Los Angeles, Calif. Hanger. 2,387,951; Oct. 30.
Slater, Charles E., Jr.: *See*—
Birk, P. M., and Slater.
Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device. 2,378,802; June 19.
Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Mounting for rock drills. 2,389,558; Nov. 20.
Slater, Raymond E., New Rochelle, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Tube drawing apparatus. 2,369,260; Feb. 13.
Slater, Raymond E., New Rochelle, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Metal drawing. 2,373,606; Apr. 10.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Extruded plastic section. 2,375,827; May 15.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Extruded thermoplastic tubing. 2,377,908; June 12.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Fabrication of tubing. 2,383,520; Aug. 28.
Slaughter, Charles E., New Canaan, assignor to Extruded Plastics, Inc., Norwalk, Conn. Composite articles including extruded sections. 2,388,297; Nov. 6.
Slauson, Harold W., Scarsdale, N. Y. Navigational instrument. 2,371,714; Mar. 20.
Slavens, James G., Cornelius, Oreg. Guy line shackle. 2,373,980; Apr. 17.
Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Apparatus for melting glass. 2,383,168; Aug. 21.
Slayter, Games, and H. Snow, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Apparatus for making glass film. 2,386,511; Oct. 9.
Slayter, Games, and A. L. Simison, Newark, Ohio. Insulated electrical conductor. 2,390,039; Nov. 27.
Sleeper, George E., Jr., Berkeley, Calif. Television system. 2,389,645; Nov. 27.
Sleeper, George E., Jr., Berkeley, Calif. Television system. 2,389,646; Nov. 27.
Sleicher, Charles A., assignor to New England Butt Company, Providence, R. I. Grate-supporting structure. 2,381,781; Aug. 7.
Slepian, Arthur, Trumbull, assignor, by mesne assignments, to The Wheeler Insulated Wire Company, Incorporated. Bridgeport, Conn. Fluorescent tube circuit. 2,386,914; Oct. 16.
Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Energy converting apparatus. 2,389,391; Nov. 20.
Slepian, Joseph, Pittsburgh, and W. E. Berkey, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,370,082; Feb. 20.
Slettengren, Anders I. K., Gothenburg, assignor to Fabriksaktiebolaget Haldataxametern, Halmstad, Sweden. Toolholder for plate shearing machines. 2,374,625; Apr. 24.
Sletzinger, Meyer: *See*—
van de Kamp, J., and Sletzinger.
Sletzinger, Meyer, Bronx, N. Y., and G. C. Paulsen, Jr., Harrisonburg, Va., assignors to Merck & Co., Inc., Rahway, N. J. Production of tropic acid. 2,390,278; Dec. 4.
Slevin, Julian B., Jr., Drexel Hill, Pa. Carrier for containers. 2,367,066; Jan. 9.
Slezak, John, assignor to Turner Brass Works, Sycamore, Ill. Pipe connection. 2,385,425; Sept. 25.
Slicer, Edward W., Colora, Md. Windshield. 2,383,169; Aug. 21.
Slick, Edwin E., Pittsburgh, Pa. Glassware working apparatus. 2,383,349; Aug. 21.

Slick, Fred S.: *See*—
Cox, H. G., and Slick.
Slizewski, Ernest J., Eagle River, assignor to J. D. Gilligan, Rhinelander, Wis. Oarlock. 2,377,724; June 5.
Sloan, Arthur W., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,379,936; July 10.
Sloan, Clifford K.: *See*—
Patterson, G. D., and Sloan.
Sloan, Edward C.: *See*—
Seiferth, O. E., and Sloan.
Sloan, Edward C., Geneva, assignor to Oscar Mayer & Co., Inc., Chicago, Ill. Banding machine. 2,379,937; July 10.
Sloan, James P., assignor to Houston Laboratories, Houston, Tex. Evaluating the content of gas reservoirs. 2,380,081; July 10.
Sloan, James P., assignor to Houston Laboratories, Houston, Tex. Apparatus for use in evaluating gas reservoirs. 2,380,082; July 10.
Sloan, Theodore H., Charleroi, assignor to G. M. S. Corporation, Pittsburgh, Pa. Glass forming machine. 2,384,498; Sept. 11.
Sloan Valve Company: *See*—
Nelson, Ralph M., assignor.
Nelson, R. M., and Bellamy, assignors.
Sloane-Blabon: *See*—
Kemmler, James W., assignor.
Kemmler, J. W., and Erb, assignors.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,375,045; May 1.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Fluid-operated control system. 2,383,894; Aug. 28.
Slocomb, F. F., Corporation: *See*—
Ladner, Lawrence A., assignor.
Slonim, Chaim, London, England. Manufacture of composite chromium oxide pigments. 2,369,261; Feb. 13.
Slonneger, John C., Dallas, Tex. Sighting and control apparatus for military devices. 2,369,806; Feb. 20.
Sloper, Joseph W., Crystal Lake, Ill. Planchette. 2,381,933; Aug. 14.
Slosberg, Harry M., Ames, Iowa, assignor to Continental Can Company, Inc., New York, N. Y. Testing filled sealed cans for leaks. 2,391,354; Dec. 18.
Slotter, Richard L.: *See*—
Langford, C. T., and Slotter.
Slovak, Andrew, Rockford, Ill. Feed control for automatic screw machines. 2,377,383; June 5.
Slovak, Andrew, Rockford, Ill. Feed control for automatic screw machines. 2,377,384; June 5.
Slunder, Charles J., Columbus, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Determining defects in aluminum and aluminum alloy articles. 2,391,522; Dec. 25.
Slusser McLean Scraper Company: *See*—
Brodersen, Max M., assignor.
Small, Anna M., executrix: *See*—
Small, Thomas W.
Small, David S., Philadelphia, Pa. Radio tube tongs. 2,386,361; Oct. 9.
Small, Thomas W.; A. M. Small, executrix of said T. W. Small, deceased, assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Record changing mechanism for phonographs. 2,371,361; Mar. 13.
Small, Thomas W.; A. M. Small, executrix of said T. W. Small, deceased, assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Fort Wayne, Ind. Record changing mechanism for phonographs. 2,371,362; Mar. 13.
Smaller War Plants Corporation: *See*—
Ebert, Joseph F., assignor.
Horman, John H., assignor.
Gwyn, Childress B., Jr., assignor.
Smalley, Oliver, New Rochelle, N. Y., and H. A. Reece, Cleveland Heights, Ohio. Producing cast iron castings. 2,371,654; Mar. 20.
Smalley, William, London, W. C. 2, assignor to The Paterson Engineering Company Limited, London, England. Filtering apparatus. 2,384,972; Sept. 18.
Smallpeice, Cosby D. P., Southampton, England. Gland. 2,376,017; May 15.
Smallpeice, Cosby D. P., Swanwick Shore, near South Hampton, England. Lifting mechanism. 2,384,774; Sept. 11.
Smart, Clarence F., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Making bearings. 2,373,352; Apr. 10.
Smart, James, Stockwell, London, S. W. 9, England. Device for securing stair carpet and analogous uses. 2,390,851; Dec. 11.
Smart, John S., Jr., Scotch Plains, and A. A. Smith, Jr., Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Continuous casting. 2,367,148; Jan. 9.
Smart, Ralph F., St. Louis, Mo., assignor to Meade Hyndman, Highland, Ill. Foldable cardboard box. 2,388,190; Oct. 30.
Smart, Wilfred A.: *See*—
Stanley, H. M., and Smart.
Smart, William A.: *See*—
Bennion, L. H., and Smart.
Smathers, James F., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,385,035; Sept. 18.
Smathers, James F., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,385,036; Sept. 18.
Smedberg, Sam, et al.: *See*—
Nelson, Noble A., assignor.
Smedslund, Tor, Helsingfors, Finland, assignor to Johan Bjorksten, Chicago, Ill. Resinous substances and preparation. 2,366,813; Jan. 9.
Smellie, Robert H.: *See*—
Krieble, V. K., and Smellie.
Smeltzer, Christian L. R.: *See*—
Gwinn, Joseph M., and Smeltzer.
Smetana, Otto F., Concord, N. C. Producing stocking welt construction. 2,383,350; Aug. 21.
Smidl, John M.: *See*—
Blomberg, M. P., and Smidl.
Smidth, Leonard, New York, N. Y. Treating fibrous materials and products so produced. 2,376,200; May 15.
Smith, A. O., Corporation: *See*—
Buehner, Howard A., assignor.
Carstens, Fritz A., assignor.
Cota, Alvin F., assignor.
Crawford, William E., assignor.
Heath, William C., assignor.
Jasper, Thomas M., assignor.
Koppel, Ernst R., assignor.
Martin, Wesley G., assignor.
Needham, Howard H., assignor.
Richter, Walther, assignor.
Sherman, Donald W, assignor.
Westin, Sven, assignor.
Westin, Sven and A., assignors.
Smith, Albert A., Jr.: *See*—
Smart, J. S., Jr., and Smith.
Smith, Albert A., Jr., Metuchen, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Wiping solder alloys. 2,372,745; Apr. 3.
Smith, Albert F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of improved molded polyamide articles. 2,372,630; Mar. 27.
Smith, Albert F., and H. B. Stevenson, Brandywine Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dry spinning process. 2,390,132; Dec. 4.
Smith, Alexander, Macon, Ga. Hoist attachment. 2,368,947; Feb. 6.
Smith, Alexander, & Sons Carpet Company: *See*—
Linscott, Leroy N., assignor.
Milnarik, W., and Bradshaw, assignors.
Smith, Alfred, et al.: *See*—
Ormerod, George A., assignor.
Smith, Alfred, Burnaby, assignor to J. H. Bluechel, British Columbia, Canada. Building structure. 2,373,789; Apr. 17.
Smith, Algy J., assignor to Hartford-Empire Company, Hartford, Conn. Article forming apparatus. 2,388,876; Nov. 13.
Smith, Allan K.: *See*—
Brother, G. H., and Smith.
Smith, Allan K., H. J. Max, and D. H. Wheeler, Urbana, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of United States of America, and his successors in office. Protein product and making same. 2,370,266; Feb. 27.
Smith, Alonzo L., Houston, Tex. Electrical logging of well bores. 2,371,270; Mar. 13.
Smith, Alva T., assignor to The Sunlite Mfg. Company, Milwaukee, Wis. Pressing cloth. 2,389,216; Nov. 20.
Smith, Anthony N., and D. V. Godfrey, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Toy projectile-shooting gun. 2,382,514; Aug. 14.
Smith, Arthur E.: *See*—
Parkins, W. A., Cole, and Smith.
Smith, Arthur E., Los Angeles, Calif. Ampoule. 2,368,431; Jan. 30.
Smith, Arthur E., Los Angeles, Calif. Front loading syringe. 2,368,432; Jan. 30.
Smith, Arthur E., Los Angeles, Calif. Ampule. 2,377,274; May 29.
Smith, Arthur E., Los Angeles, Calif. Syringe device. 2,380,556; July 31.
Smith, Arthur E. W., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Manufacture of organic nitrogen compounds. 2,384,047; Sept. 4.
Smith, Arthur E. W., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of derivatives of nitroethylene. 2,385,037; Sept. 18.
Smith, Arthur E. W., and C. W. Scaife, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Manufacture of organic nitrogen compounds. 2,384,048; Sept. 4.
Smith, Arthur E. W., C. W. Scaife and R. H. Stanley, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of polynitroethylene. 2,384,049; Sept. 4.

Smith, Arthur E. W., C. W. Scaife, and R. H. Stanley, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Preparation of α-nitro-isobutene. 2,384,050; Sept. 4.

Smith, Arthur E. W., R. H. Stanley, and C. W. Scaife, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of nitroethylene. 2,385,111; Sept. 18.

Smith, Arthur G., Elyria, Ohio. Cleaning device. 2,388,016; Oct. 30.

Smith, Arthur M., et al., trustee: *See*—
Bunting, Albert L., assignor.

Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Surface type heat exchanger. 2,375,702; May 8.

Smith, Benjamin A., Rocky River, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Reclaiming molding and core sand. 2,384,573; Sept. 11.

Smith, Benjamin D., Utica, N. Y. Teat dilator. 2,368,576; Jan. 30.

Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring instrument. 2,367,968; Jan. 23.

Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,372,127; Mar. 20.

Smith, Bernard, Leeds, England. Exhaust silencer for internal-combustion engines. 2,367,473; Jan. 16.

Smith, Boyd H.: *See*—
Le Clair, T. G., Harrington, and Smith.

Smith, Brook, I., and J. E. Donahue, Elizabeth, N. J., assignors to Standard Oil Development Company. Treating hydrocarbon fluids. 2,373,059; Apr. 3.

Smith, Bruce M., Haverhill, Mass., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,372,025; Mar. 20.

Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Safety paper and ink therefor. 2,380,195; July 10.

Smith, C. Archer, et al.: *See*—
Howard, William C., Jr., assignor.

Smith, Carl F., West Alexandria, Ohio. Acetylene generator with vibrating feed valve. 2,367,240; Jan. 16.

Smith, Carlisle F., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Flask operating head. 2,372,454; Mar. 27.

Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding material. 2,372,400; Mar. 27.

Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Treating strand materials. 2,386,148; Oct. 2.

Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control apparatus. 2,387,810; Oct. 30.

Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Extinguishing an arc spot. 2,373,147; Apr. 10.

Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Fluorescent lamp. 2,386,277; Oct. 9.

Smith, Charles G., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake head balancing device. 2,377,817; June 5.

Smith, Charles R., Chicago, Ill. Power hoist. 2,379,599; July 3.

Smith, Charles V.: *See*—
Graham, A. K., Smith, and Williams.

Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Automatic press system for forming resinous disks. 2,373,201; Apr. 10.

Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Pressure control valve. 2,384,202; Sept. 4.

Smith, Chesley A., assignor to E. Bauer, Seattle, Wash. Fiber handling mechanism. 2,372,343; Mar. 27.

Smith, Chester W., Lynn, Mass., assignor to General Electric Company. Gas turbine arrangement. 2,370,694; Mar. 6.

Smith, Chester W., Lynn, Mass., assignor to General Electric Company. Aircraft supercharging arrangement. 2,391,486; Dec. 25.

Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,391,519; Dec. 25.

Smith, Clarence J.: *See*—
Pratt, B., and Smith.

Smith, Clifton B.: *See*—
Lyle, M. H., and Smith.

Smith, Clyde, Hopkinsville, Ky. Signal system. 2,384,352; Sept. 4.

Smith, Clyde, Hopkinsville, Ky. Parimutuel system. 2,389,823; Nov. 27.

Smith, Clyde E., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electronic timing system for sorting apparatus. 2,387,592; Oct. 30.

Smith, Clyde E., Warren, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic timing control. 2,372,128; Mar. 20.

Smith, Clyde E., Warren, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic timing control. 2,372,129; Mar. 20.

Smith, Clyde E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic control system. 2,374,044; Apr. 17.

Smith, Clyde E., Warren, Ohio, and C. B. Stadum, Wilkinsburg, assignors to Westinghouse Electric Corporation, Pittsburgh, Pa. Capacitor charging and discharging control. 2,385,736; Sept. 25.

Smith, D. Montgomery, Portland, Oreg. Weed puller. 2,385,167; Sept. 18.

Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston expander. 2,381,699; Aug. 7.

Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston packing. 2,383,825; Aug. 28.

Smith, David B., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for reducing echo effects in picture transmission systems. 2,369,614; Feb. 13.

Smith, Donald L. J., Long Beach, Calif. Carburetor. 2,368,430; Jan. 30.

Smith, Drum and Company: *See*—
Drum, H. S., and Hopkins, assignors.

Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conveyer system and control therefor. 2,372,130; Mar. 20.

Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Conveyer control. 2,372,131; Mar. 20.

Smith, Elizabeth E., Walpole, Mass. Doll. 2,372,799; Apr. 3.

Smith, Elizabeth E. and W. O., Pittsburgh, Pa. Dental compact. 2,379,600; July 3.

Smith, Elizabeth E. and W. O., Pittsburgh, Pa. Dental compact. 2,391,651; Dec. 25.

Smith, Elmer H., Minneapolis, Minn. Closure for pressure vessels. 2,387,360; Oct. 23.

Smith, Elmer L., Glen Rock, N. J. Helicopter. 2,375,592; May 8.

Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Link belt cartridge loader. 2,372,399; Mar. 27.

Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Cartridge loader. 2,384,140; Sept. 4.

Smith, Engineering Works: *See*—
Munro, Alexander L., assignor.

Smith, Everet F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Continuous process for the preparation of acetylenic alcohols. 2,385,546; Sept. 25.

Smith, Everet F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of acetylenic alcohols. 2,385,547; Sept. 25.

Smith, Everet F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparation of acetylenic alcohols. 2,385,548; Sept. 25.

Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Dual release mechanism. 2,384,651; Sept. 11.

Smith, Frank, Huddersfield, England. Liquid delivery apparatus. 2,388,093; Oct. 30.

Smith, Frank B.: *See*—
Coleman, G. H., and Smith.

Smith, Frank B., assignor to The Dow Chemical Company, Midland, Mich. Vinylidene chloride compositions. 2,384,973; Sept. 18.

Smith, Frank B., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Parasiticides. 2,367,534; Jan. 16.

Smith, Frank B., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Amine salts of dinitrophenols. 2,385,848; Oct. 2.

Smith, Frank E., Niagara Falls, N. Y. Generating power. 2,374,710; May 1.

Smith, Frank M., Dearborn, Mich., assignor, by mesne assignments, to Consolidated Aircraft Corporation, San Diego, Calif. Method of assembling airplane fuselages and the like. 2,370,083; Feb. 20.

Smith, Frank R., Los Angeles, Calif. Electrode holder. 2,389,559; Nov. 20.

Smith, Franklin E., South Dartmouth, Mass. Hose coupling. 2,366,814; Jan. 9.

Smith, G. Tucker, et al.: *See*—
Phillips, John X., assignor.

Smith, George E. P., Jr., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Accelerator for vulcanization of rubber. 2,367,827; Jan. 23.

Smith, George E. P., Jr., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization of rubber. 2,381,397; Aug. 7.

Smith, George E. P., Jr., and E. L. Carr, Akron, Ohio, assignors to The Firestone Tire & Rubber Company. Vulcanization accelerator. 2,381,392; Aug. 7.

Smith, George K., Butler, Pa.; E. S. Shoemaker, executrix of said G. K. Smith, deceased. Starter for internal-combustion engines. 2,373,507; Apr. 10.

Smith, George P., Snyder, and F. C. Gressel, Ilion, assignors to Remington Rand Inc., Buffalo, N. Y. Accounting machine. 2,387,861; Oct. 30.

Smith, George R., Richmond Heights, assignor to Wm. Wurdack Electric Manufacturing Company, St. Louis, Mo. Panel or switch box. 2,377,725; June 5.
Smith, George V., Millburn, N. J., assignor to United States Steel Corporation. Treating inherently aging chromium-nickel stainless steel. 2,374,388; Apr. 24.
Smith, George W., Kelseyville, Calif. Saw guard. 2,372,687; Apr. 3.
Smith, George W., Dayton, Ohio. Composition for use in welding. 2,377,048; May 29.
Smith, Gobin: *See*—
Kendig, John R., assignor.
Smith, Goble D., Dallas, Tex. Window. 2,390,394; Dec. 4.
Smith, Graydon, Concord, assignor to Reed-Prentice Corporation, Worcester, Mass. Apparatus for heating materials for molding. 2,370,883; Mar. 6.
Smith, Graydon, Concord, assignor to Electricooker, Inc., Newburyport, Mass. Dispensing apparatus. 2,382,369; Aug. 14.
Smith, Graydon, Concord, assignor to National Company, Inc., Malden, Mass. Phonograph pickup. 2,383,994; Sept. 4.
Smith, Graydon, Concord, assignor to Electricooker, Inc., Newburyport, Mass. Electric cooking apparatus. 2,386,009; Oct. 2.
Smith, H. C., Oil Tool Co.: *See*—
Phipps, John T., assignor.
Smith, H. P., Paper Company: *See*—
Coffey, Elmer W., assignor.
Smith, Hannah M., et al.: *See*—
Keen, T. A., and Kilburg, assignors.
Smith, Harold C., and R. C. Johnsen, West Orange, N. J. Metal cutting tool. 2,371,715; Mar. 20.
Smith, Harold G., Chicago, assignor to The Buda Company, Harvey, Ill. Internal-combustion engine. 2,390,279; Dec. 4.
Smith, Harold W., and D. D. Paxton, assignors to American Liquid Gas Corporation, Los Angeles, Calif. Charge forming device. 2,385,112; Sept. 18.
Smith, Harold W., and D. D. Paxton, Los Angeles, Calif. Producing fuel carburetion. 2,387,862; Oct. 30.
Smith, Harry E., Little Silver, N. J., assignor to Celanese Corporation of America. Screen. 2,379,499; July 3.
Smith, Harry J., and P. W. Zingaro, New York, N. Y. Position determining means. 2,366,939; Jan. 9.
Smith, Harry R., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Front rod for railway switches. 2,377,818; June 5.
Smith, Harry T., Flint, Mich. Door latch and lock. 2,387,187; Oct. 16.
Smith, Herman A., Holden, assignor to Rice Barton Corporation, Worcester, Mass. Printing roll inking device. 2,377,110; May 29.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Grease manufacturing apparatus. 2,367,149; Jan. 9.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Gear lubricants. 2,377,654; June 5.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Apparatus for testing the foaming characteristics of liquids. 2,380,679; July 31.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Block grease testing apparatus. 2,385,656; Sept. 25.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant compositions. 2,371,655; Mar. 20.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant compositions. 2,371,656; Mar. 20.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil compositions and making the same. 2,371,851; Mar. 20.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant compositions and making the same. 2,371,852; Mar. 20.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,371,853; Mar. 20.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,371,854; Mar. 20.
Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,378,442; June 19.
Smith, Herschel G., Wallingford, T. L. Cantrell, Lansdowne, Pa., and J. G. Peters, Audubon, N. J., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Mineral oil composition. 2,378,443; June 19.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Agents for lubricating oils and making the same. 2,380,878; July 31.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Fatty amine salts of alkyl phosphoric acids. 2,387,537; Oct. 23.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Di-cyclohexyl amine salt of alkyl phosphoric acid. 2,387,538; Oct. 23.
Smith, Hinsdale, Jr., Suffield, Conn. Photographic processing apparatus. 2,371,073; Mar. 6.
Smith, Hiram P.: *See*—
Johnson, A. E. W., Orelind, and Smith.
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,369,759; Feb. 20.
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Planter. 2,376,559; May 22.
Smith, Hiram P., and F. T. Blaydes, Canton, Ill., assignors to International Harvester Company. Agricultural implement. 2,368,168; Jan. 30.
Smith, Holiday H., et al.: *See*—
Franklin, Ernest M., assignor.
Smith, Howard H., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Stepping mechanism. 2,377,583; June 5.
Smith, Howard V., and M. C., Tucson, Ariz. Water treatment. 2,380,800; July 31.
Smith, Hugh C., Chicago, Ill. Body handling device. 2,376,560; May 22.
Smith, Hugh C., Chicago, Ill. Street indicating device for vehicles. 2,391,355; Dec. 18.
Smith, Hurley, assignor to Erie Electric Company, Inc., Buffalo, N. Y. Rotary electric switch. 2,384,652; Sept. 11.
Smith, Jacob A., assignor of one-half to C. A. Benjamin, Chicago, Ill. Punch mounting. 2,380,123; July 10.
Smith, James E., Jackson Heights, N. Y., assignor to Radio Corporation of America. Phase inverter circuit. 2,383,351; Aug. 21.
Smith, Jeff D., Decatur, Ga. Valve lifter. 2,374,508; Apr. 24.
Smith, Jesse C., Merrick, N. Y., assignor to MacGregor Instrument Company, Needham, Mass. Apparatus for presizing glass tubing. 2,368,169; Jan. 30.
Smith, Jesse C., Merrick, N. Y., assignor to MacGregor Instrument Company, Needham, Mass. Machine for fabricating glass. 2,368,170; Jan. 30.
Smith, Joe F., Memphis, Tenn. Adjustable window guard. 2,391,201; Dec. 18.
Smith, John A., Arlington, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Storage battery construction. 2,367,807; Jan. 23.
Smith, John B., Wood River Township, Madison County, assignor to Western Cartridge Company, East Alton, Ill. Blasting cap package. 2,371,271; Mar. 13.
Smith, John E., Springfield, Pa., assignor to The Baldwin Locomotive Works. Railway brake equipment. 2,373,425; Apr. 10.
Smith, John F., Quincy, Mass., assignor to Shoe Press Corporation, Philadelphia, Pa. Roughing wheel. 2,368,577; Jan. 30.
Smith, John F., Quincy, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe and making same. 2,375,390; May 8.
Smith, John F. D., Swampscott, Mass., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle heating system. 2,382,340; Aug. 14.
Smith, John H., Kew Gardens, assignor to William L. Marshall Limited, New York. Manufacturing tubular material. 2,379,258; June 26.
Smith, John P., Reidsville, N. C. Motor actuated eraser. 2,390,226; Dec. 4.
Smith, Jorgen A.: *See*—
Morland, P., and Smith.
Smith, Joseph A., Baltimore, Md., assignor to Standard Oil Development Company. Lubricants. 2,378,803; June 19.
Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Saponification products of polyvinyl esters. 2,368,949; Feb. 6.
Smith, Joseph L., Glen Ellyn, Ill. Flexible shaft. 2,370,884; Mar. 6.
Smith, Joseph P., New York, N. Y., assignor to Wrigley Pharmaceutical Co., Inc. Powder box. 2,379,853; July 3.
Smith, Kenneth, Minneapolis, Minn., and R. Zerbst, Weehawken, N. J., assignors to Scriver, Smith & Zerbst, Incorporated. Photographic process. 2,370,330; Feb. 27.
Smith, Kline & French Laboratories: *See*—
Blythe, Rudolph H., assignor.
Gordon, William G., assignor.
Ullyot, Glenn E., assignor.
Smith, L. C., & Corona Typewriters, Inc.: *See*—
Bradt, Charles H., assignor.
Walker, C., assignor.
Walker, C., and Wade, assignors.
Smith, Landon P., Inc.: *See*—
Adams, Arthur T., assignor.
Smith, Lawrence H., assignor to General American Aerocoach Company, Chicago, Ill. Clutch operating mechanism. 2,386,512; Oct. 9.
Smith, Lawrence W., Birmingham, Ala. Flexible stay bolt. 2,383,222; Aug. 21.

Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Cutter. 2,382,113; Aug. 14.
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Drilling and countersinking tool. 2,390,744; Dec. 11.
Smith, Lee I., Minneapolis, Minn., and H. C. Miller, Claymont-Wilmington, Del., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Chromans and intermediates and producing same. 2,372,132; Mar. 20.
Smith, Lee I., Minneapolis, Minn., and G. F. Rouault, Whiting, Ind., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Making long chain intermediates. 2,376,286; May 15.
Smith, Lee I., Minneapolis, Minn., and J. A. King, Albany, N. Y., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Making heterocyclic compounds. 2,388,579; Nov. 6.
Smith, Lester A.: *See*—
Hill, E. J., and Smith.
Smith, Lillian T., Chicago, Ill. Window blind. 2,388,715; Nov. 13.
Smith, Lloyd S., Tustin, Calif. Rotary pump. 2,381,700; Aug. 7.
Smith, Louie F., South Houston, assignor of one-half to C. J. McWhorter, Harris County, Tex. Core retriever. 2,379,757; July 3.
Smith, Margaret C.: *See*—
Smith, Howard V., and M. C.
Smith, Marie F., Berrien Center, Mich. Receptacle. 2,384,974; Sept. 18.
Smith, Mark C., Chicago, Ill. Indicating device. 2,384,653; Sept. 11.
Smith, Marvin A.: *See*—
Webb, G. M., and Smith.
Smith, Mary G., et al., executrices: *See*—
Smith, Robert A., assignor.
Smith, Merton J., Cleveland, Ohio., assignor of twenty-five per cent to P. B. Shannon, Chicago, Ill., twenty-five per cent to J. P. Geiger, Cleveland, and twenty-five per cent to R. W. Wilson, Rocky River, Ohio. Nozzle. 2,373,353; Apr. 10.
Smith, Mildred E.: *See*—
Smith, Victor E., assignor.
Smith, Milton L.: *See*—
Gerlich, Adolph, assignor.
Smith, Milton L., Chicago, Ill. Shelf for coin-controlled vending refrigerators. 2,376,561; May 22.
Smith, Milton L., and R. Schwalb, Chicago, Ill. Dispensing machine. 2,376,562; May 22.
Smith, Nathan D., Aberdeen, Md. Hose clamp. 2,391,804; Dec. 25.
Smith, Nathaniel L., Los Angeles, Calif., assignor to Process Holdings Company. Forming a stabilized froth and material therefor. 2,374,626; Apr. 24.
Smith, Nellie C., Santa Barbara, Calif. Trimming and pinking device and the like. 2,390,745; Dec. 11.
Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Fire detector. 2,373,856; Apr. 17.
Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Thermoswitch. 2,373,857; Apr. 17.
Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Indicating thermometer. 2,374,786; May 1.
Smith, Nowery J.: *See*—
Welch, Robert E., assignor.
Smith, Nowery J., Supply Company: *See*—
Welch, Robert E., assignor.
Smith, Oliver D., and C. Webb, Birmingham, England. Belt drive for machine tools. 2,372,342; Mar. 27.
Smith, Paul A., assignor to Barber-Greene Company, Aurora, Ill. Differential backstop for conveyers, elevators, etc. 2,383,276; Aug. 21.
Smith, Paul S., Rockford, Ill., assignor, by mesne assignments, to E. B. Allen, Birmingham, Mich. Yarn-supplying mechanism. 2,366,364; Jan. 2.
Smith, Paul T., Saginaw, assignor to General Motors Corporation, Detroit, Mich. Gauge. 2,369,319; Feb. 13.
Smith-Pert, George J.: *See*—
Forsyth, A. G., and Smith-Pert.
Smith, Peter P., Teaneck, N. J. Sectional vessel. 2,369,615; Feb. 13.
Smith, Prevost F., assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Aerial testing apparatus and operation. 2,376,886; May 29.
Smith, Prevost F., assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute construction. 2,379,758; July 3.
Smith, Ralph E., Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Hoist load brake. 2,372,026; Mar. 20.
Smith, Ray L.: *See*—
Klipsch, Paul W., assignor.
Smith, Raymond: *See*—
Wyche, E. H., and Smith.
Smith, Richard E., Cleveland Heights, Ohio, assignor to General Electric Company. Filament joint structure for electric lamps. 2,366,292; Jan. 2.
Smith, Richard F., Savannah, Ga. Shipbuilding. 2,379,259; June 26.
Smith, Richard G., Amsterdam, N. Y. Turn-tilt unloading toy railway car. 2,373,148; Apr. 10.
Smith, Richard G., Amsterdam, N. Y. Toy crane and self unloading car. 2,373,271; Apr. 10.
Smith, Richard G., Amsterdam, N. Y. Current collector for toy electric rolling stock. 2,389,280; Nov. 20.
Smith, Robert A., Mahwah, N. J., assignor to Polaroid Corporation, Cambridge, Mass. Light polarizer. 2,370,084; Feb. 20.
Smith, Robert A., deceased, Mahwah, N. J.; M. G. Smith, M. S. Pryde, and M. S. van Brederode, executrices, assignors to L. W. Chubb, Jr., Sharon, Mass., as trustee. Device for receiving, retaining, and releasing articles. 2,388,221; Oct. 30.
Smith, Robert B.: *See*—
La Hatte, J. A., and Smith.
Smith, Robert L., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive products and manufacture. 2,389,462; Nov. 20.
Smith, Roger R., Gardner, Mass. Apparatus for producing solid or hollow pellets. 2,275,955; May 15.
Smith, Ronald A., London, England. Salt bath furnace. 2,367,897; Jan. 23.
Smith, Roscoe B.: *See*—
Ely, A. R., and Smith.
Smith, Roscoe H., and L. E. Miller, Cleveland, Ohio, and L. M. Dunning, Boston, Mass., assignors to The Reliance Electric and Engineering Company. Electrical control system. 2,378,444; June 19.
Smith, Roscoe M.: *See*—
Sorensen, C. E., and Smith.
Smith, Roy E.: *See*—
Moffett, E. W., and Smith.
Smith, Roy M.: *See*—
Webster, B. C., and Smith.
Smith, Roy M., Fairfield, and B. C. Webster, Southport, assignors to The Bryant Electric Company, Bridgeport, Conn. Connection. 2,381,315; Aug. 7.
Smith, Roy R., Jr., Kansas City, Mo. Manifold register. 2,373,790; Apr. 17.
Smith, Roy W.: *See*—
Ringle, C. J., Hiatt, and Smith.
Smith, Russell, Martinsville, Ind. Trap. 2,387,811; Oct. 30.
Smith, Russell E., Palmer, Mass. Step-up switch for electric arc welding. 2,376,827; May 22.
Smith, Russell J., Houghton, Mich. Heating rate controller. 2,385,308; Sept. 18.
Smith, S. Morgan, Company: *See*—
Hilker, Earl E., assignor.
Smith, S., & Sons (England) Limited: *See*—
Meredith, Frederick W., assignor.
Russell, Victor J. S., assignor.
Whatley, Hubert E., assignor.
Smith, S., & Sons (Motor Accessories) Limited: *See*—
Meredith, Frederick W., assignor.
Smith, Salem A., Greenville, assignor to Federal-Mogul Corporation, Detroit, Mich. Fabricating babbitt lined bearings. 2,384,654; Sept. 11.
Smith, Samuel B., North Hackensack, N. J. Surgical instrument for bone cutting. 2,369,925; Feb. 20.
Smith, Saul S., Buffalo, N. Y. Windshield cleaner. 2,383,750; Aug. 28.
Smith, St. Clair, Stamford, Conn. Textile printing composition. 2,385,737; Sept. 25.
Smith, Stanley, Bend, Oreg. Truck self-loader attachment. 2,387,687; Oct. 23.
Smith, Stanley J., assignor to Simmonds Aerocessories Limited, London, England. Electrical measuring or indicating system. 2,377,275; May 29.
Smith, Stanley J., assignor to Simmonds Aerocessories Limited, London, England. Electric resistor. 2,387,096; Oct. 16.
Smith, Stephen, Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Flame hardening. 2,367,969; Jan. 23.
Smith, Stephen, Jersey City, assignor to Air Reduction Company, Incorporated. Progressive surface hardening and tempering of metal. 2,382,515; Aug. 14.
Smith, T. L., Company, The: *See*—
Barnes, Ross J., assignor.
Maxon, Glenway, Jr., assignor.
Smith, Telford L.: *See*—
Gill, J. B., and Smith.
Smith, Thomas R.: *See*—
Calvin, F. O., Wilson and Smith.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Roll-stop mechanism for wringers. 2,370,085; Feb. 20.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Wringer roll stop. 2,374,465; Apr. 24.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Coating lacquer. 2,375,701; May 8.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Wringer construction. 2,377,819; June 5.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Wringer assembly. 2,377,820; June 5.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Window construction. 2,383,691; Aug. 28.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Pipe or tube coupling. 2,383,692; Aug. 28.

Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. End cap mounting for cylinders. 2,389,824; Nov. 27.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Fire hose coupling. 2,389,825; Nov. 27.
Smith, Thomas W., Jr., Akron, assignor to The Sun Rubber Company, Barberton, Ohio. Inflatable athletic ball and making same. 2,380,370; July 10.
Smith, Victor E., assignor to M. E. Smith, Detroit, Mich. Boring tool. 2,372,027; Mar. 20.
Smith, Victor E., assignor to M. E. Smith, Detroit, Mich. Counterboring tool with pilot and holder. 2,372,028; Mar. 20.
Smith, Waldo G.: *See*—
Miller, J. W., and Smith.
Smith, Walter G. L.: *See*—
Johnston, M. O., Andrew, Graham, and Smith.
Smith, Walter G. L., Los Angeles, Calif. Hose connector. 2,371,363; Mar. 13.
Smith, Walter G. L., Los Angeles, Calif., assignor to Thermoid Company, Trenton, N. J. Drill pipe protector. 2,378,738; June 19.
Smith, Walter L., and L. C. Alford, Hermiston, Oreg. Device for removing casings from truck wheels. 2,375,956; May 15.
Smith, Walter R., Kansas City, Kans. Feather picker for fowls. 2,389,006; Nov. 13.
Smith, Walter W., West Acton, assignor to Barnes & Jones, Incorporated, Jamaica Plain, Mass. Control for steam heating systems. 2,367,741; Jan. 23.
Smith, Ward L., Hudson, assignor to Electric Controller & Manufacturing Company, Cleveland, Ohio. Electromagnetic control. 2,386,149; Oct. 2.
Smith and Wesson, Inc.: *See*—
Norman, Joseph W., assignor.
Smith, Wiley C., Arlington, Va., assignor to the United States of America, as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Treating crude pine tar. 2,379,662; July 3.
Smith, Will O.: *See*—
Smith, E. E. and W. O.
Smith, Will O.: *See*—
Smith, Elizabeth E. and W. O.
Smith, William A., East Orange, N. J. Golf playing apparatus. 2,379,663; July 3.
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Flame hardening apparatus. 2,372,298; Mar. 27.
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Electrode holder. 2,376,943; May 29.
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Electrode holder. 2,389,938; Nov. 27.
Smith, William G.: *See*—
Austin, J. R., Smith, and Oscar.
Smith, William G., Laramie, Wyo. Governor sleeve dislodging and removing tool. 2,375,391; May 8.
Smith, William I., Lockland, Ohio. Game indicator or score board or the like. 2,391,520; Dec. 25.
Smith, William S., Hinsdale, Ill., assignor to Henry Pratt Company. Damper construction. 2,390,227; Dec. 4.
Smith, William S. K., Akron, Ohio. Thermally insulated window. 2,379,601; July 3.
Smithe, F. L., Machine Co., Inc.: *See*—
Novick, Abraham, assignor.
Smithgall, Harry, Jr.: *See*—
Ratchford, H. L., and Smithgall.
Smokador Manufacturing Co., Inc.: *See*—
Baylis, Robert N., assignor.
Smoker, Isaac Z., Intercourse, Pa. Bale loader. 2,367,970; Jan. 23.
Smolak, George, Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making covering elements. 2,391,805; Dec. 25.
Smolensky, Michael, Cleveland, Ohio. Angle valve structure. 2,379,382; June 26.
Smolovit, Alfred, et al.: *See*—
Horowitz, Nathan, assignor.
Smothermon, Harold A.: *See*—
Swanson, E. C., Gaskell, and Smothermon.
Smotzer, Michael C., Oak Park, assignor to James B. Clow & Sons, Chicago, Ill. Pipe-cutting machine. 2,389,463; Nov. 20.
Smylie, James G., Houston, Tex. Firing head for gun perforators. 2,388,938; Nov. 13.
Smyth, Charles N., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Lecher wire system. 2,389,167; Nov. 20.
Smyth, George F., Pittsford, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Eye guard. 2,378,508; June 19.
Smyth, Glen M., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Vat dyestuffs of the anthrimide carbazole type. 2,385,113; Sept. 18.
Smyth, Harold T.: *See*—
Field, T. E., and Smyth.
Smyth Manufacturing Company: *See*—
Schramm, Carl, assignor.
Smythe, Allan: *See*—
Zeilman, R. H., and Smythe.
Smythe, Dudley, et al: *See*—
Buckley, Frank R., assignor.
Smythe, Katherine K., Evanston, Ill. Foundation garment. 2,372,133; Mar. 20.
Snader, Ira J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Machine tool. 2,391,487; Dec. 25.
Snader, Ira J., and M. A. Mathys, assignors to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic transmission for machine tools. 2,375,255; May 8.
Snader, Ira J., and Max A. Mathys, assignors to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic transmission. 2,379,546; July 3.
Snap-On Tools Corporation: *See*—
Larson, K. R., and Walraven, assignors.
Snarey, George N., Warwick, assignor to Dowty Equipment Limited, Cheltenham, England. Aircraft retractable alighting gear. 2,390,334; Dec. 4.
Sneed, John, Huntington Woods, Mich. Brake. 2,369,320; Feb. 13.
Sneed, John, Huntington Woods, assignor, by mesne assignments, to Michigan Tool Company, Detroit, Mich. Gear forming machine. 2,374,901; May 1.
Sneed, Robert C., Piedmont, and C. S. Jordan, Glendale, assignors to Safeway Stores, Inc., Oakland, Calif. Conveying mechanism. 2,371,783; Mar. 20.
Sneed, John, Huntington Woods, Mich. Brake. 2,376,828; May 22.
Snell, Foster D., Inc.: *See*—
Cartwright, Leonard C., assignor.
Fain, Jacob M., assignor.
Snell, Foster D., assignor.
Snell, Foster D., New York, N. Y., assignor to Foster D. Snell, Inc. Detergent composition. 2,376,096; May 15.
Snell, Foster D., and A. F. Guiteras, assignors to Chemsearch Corporation, New York, N. Y. Esters. 2,385,849; Oct. 2.
Snell, Francis A., Binghamton, assignor to Change-A-Blade Corporation, New York, N. Y. Scissors. 2,373,607; Apr. 10.
Snell, Francis A., Binghamton, assignor to Change-A-Blade Corporation, New York, N. Y. Scissors. 2,382,341; Aug. 14.
Snell, Francis A., Chenango Forks, assignor to Botnick Motor Corporation, Binghamton, N. Y. Wrench. 2,388,580; Nov. 6.
Snell, Maurice S., Enfield, England, assignor to Sangamo Electric Company, Springfield, Ill. Electric instrument relay. 2,373,202; Apr. 10.
Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Windshield wiper mechanism. 2,370,376; Feb. 27.
Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Making cartridge cases and the like. 2,371,716; Mar. 20.
Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Steel cartridge case. 2,373,921; Apr. 17.
Snell, Samuel A., assignor, by mesne assignments, to Ryerson & Haynes, Inc., Jackson, Mich. Cartridge case. 2,388,094; Oct. 30.
Snell, Samuel A., assignor to Ryerson & Haynes, Inc., Jackson, Mich. Primer pocket. 2,388,370; Nov. 6.
Snelling, Walter O., Allentown, Pa., assignor to Trojan Powder Company. Explosive composition. 2,371,000; Mar. 6.
Snepvangers, Rene: *See*—
Sinnett, C. M., and Snepvangers.
Snider, Alva V.: *See*—
Morris, R. C., and Snider.
Snider, Harry L., Van Nuys, Calif. Garment. 2,367,442; Jan. 16.
Snodgrass, Scott, et al.: *See*—
Compton, Henry P., assignor.
Snoek, Jacob L., and L. Alons, Eindhoven, Netherlands; vested in the Alien Property Custodian. Magnetic system. 2,380,616; July 31.
Snow, Henry: *See*—
Slayter, G., and Snow.
Snow-Nabstedt Gear Corporation, The: *See*—
Nabstedt, Arthur T., assignor.
Snow, Robert D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Synthetic rubber composition. 2,372,299; Mar. 27.
Snuggs, John F., assignor to Standard Oil Company, Chicago, Ill. Powdered solids stripping system. 2,367,694; Jan. 23.
Snycro-Seat Company: *See*—
Flint, Hyland C., assignor.
Snyder, Ballard F., Spokane, Wash. Motor. 2,369,374; Feb. 13.
Snyder, Clermont J.: *See*—
Bassett, W. H., Jr., and Snyder.
Snyder, Ernest R., Tempe, Ariz. Excavator. 2,381,085; Aug. 7.
Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,389,877; Nov. 27.
Snyder, Frederick D., Milton, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,390,812; Dec. 11.
Snyder, Gilbert, Bronx, N. Y. Color combination demonstrator. 2,374,389; Apr. 24.
Snyder, Harold H., Mount Lebanon, assignor to Forter-Teichmann Company, Pittsburgh, Pa. Sorting machine. 2,385,038; Sept. 18.

Snyder, Harry L., West Los Angeles, Calif. Receptacle. 2,374,390; Apr. 24.
Snyder, Jacob R., Cleveland, Ohio. Rail fastening. 2,378,590; June 19.
Snyder, Jacob R., Cleveland, Ohio. Preventing deterioration in rail fastenings and the like. 2,389,464; Nov. 20.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Shock absorber. 2,373,508; Apr. 10.
Snyder, Jacob R., assignor to Thompson Products, Inc., Cleveland, Ohio. Universal joint. 2,386,754; Oct. 16.
Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Forming an end closure. 2,367,443; Jan. 16.
Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Cheese package. 2,383,352; Aug. 21.
Snyder, James R.: *See*—
Richards, Idris J., assignor.
Snyder, Leland H., Lincolnwood, assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Massage device. 2,378,335; June 12.
Snyder, Leland H., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Searchlight. 2,383,223; Aug. 21.
Snyder, Mahlon C., Hamburg, N. Y. Storing liquid fuel. 2,389,168; Nov. 20.
Snyder, Purdum M., Ben Avon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Bituminous composition and making the same. 2,391,749; Dec. 25.
Snyder, Purdum M., Ben Avon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Bituminous composition. 2,391,750; Dec. 25.
Snyder, Purdum M., Ben Avon, assignor to H. H. Robertson Company, Pittsburgh, Pa. Bituminous composition. 2,391,751; Dec. 25.
Snyder, Raymond R., Toledo, Ohio, assignor to Automatic Turbine Drive Company, Inc. Turbine construction. 2,390,133; Dec. 4.
Snyder, Richard L., Jr.: *See*—
Rajchman, J. A., and Snyder, assignors.
Snyder, Russel D., assignor to Crane Packing Company, Chicago, Ill. Fluid seal. Re. 22,666; Aug. 14.
Snyder, Willis D., and W. J. Emmer, Crestline, Ohio. Flexible shaft and motor carrier. 2,368 731; Feb. 6.
Soans, Cyril A.: *See*—
Broyles, Grace A., assignor.
Sobel, Harry, et al.: *See*—
Fern, Oscar, assignor.
Sobotka, Harry H., and M. I. Rubin, New York, N. Y., assignors to Mount Sinai Hospital Research Foundation, Inc. Preparing hydroxy derivatives of aliphatic acids and new compounds produced thereby. 2,390,335; Dec. 4.
Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques De Saint-Gobain, Chauny & Cirey: *See*—
Forbes, L. J-B., and Bird, assignors.
Société Anonyme pour l'Industrie de l'Aluminium: *See*—
Hurter, Hans, assignor.
Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M.: *See*—
Levy, René L., assignor.
Societe Genevoise d'Instruments de Physique: *See*—
Koulicovitch, Maurice, assignor.
Turrettini, Fernand, assignor.
Société Suisse d'Electricité et de Traction: *See*—
Jobin, Bernard, assignor.
Society of Chemical Industry: *See*—
Schibler, Luzius, assignor.
Society of Chemical Industry in Basle: *See*—
Albrecht, O., Graenacher, and Sallmann, assignors.
Anderau, Walter, assignor.
Bucher, Armin, assignor.
Danuser, J., and von Capeller, assignors.
Felix, F., and Heckendorn, assignors.
Felix, F. and Zurcher, assignors.
Graenacher, C., Sallmann, Albrecht, and Frei, assignors.
Graenacher, C., Sallmann, and Frei, assignors.
Kaiser, Otto, assignor.
Landolt, Albert, assignor.
Mueller, Willy, assignor.
Scheidegger, Jakob, assignor.
Theiler, Casimir, assignor.
Socke, John E., Pelham Manor, N. Y., and G. E. Eckman, New Milford, N. J., assignors to American Can Company, New York, N. Y. Container. 2,371,194; Mar. 13.
Socolofsky, John F.: *See*—
Berger, H. G., Crandall, and Socolofsky.
Socony-Vacuum Oil Company: *See*—
Cauley, S. P., and Shipp, assignors.
Socony-Vacuum Oil Company, Incorporated: *See*—
Abrams, A. J., and Cook, assignors.
Angel, H. S., Fuller, and Berger, assignors.
Badertscher, D. E., Coonradt, and Crowley, assignors.
Badertscher, D. E., Crowley, and Feasley, assignors.
Badertscher, D. E., Williams, and Berger, assignors.
Baker, T. W., and Friedman, assignors.
Berger, H. G., Crandall, and Socolofsky, assignors.
Berger, H. G., Noland, and Fuller, assignors.
Bishop, John H., assignor.
Broding, Robert A., assignor.
Caesar, P. D., and Sachanen, assignors.
Clewell, Dayton H., assignor.
Socony-Vacuum Oil Company, Incorporated: *See*—Contd.
Daley, H. G., Crowley, Badertscher, and Coonradt, assignors.
Daley, H. G., and Howard, Jr., assignors.
Dean, J. C., and Edwards, assignors.
Drake, L. C., and Evans, assignors.
Drake, L. C., Herman and Scafe, assignors.
Dunham, George S., assignor.
Evans, Louis P., assignor.
Fahnestock, Frank C., assignor.
Francis, Alfred W., assignor.
Francis, A. W., and James, assignors.
Francis, A. W., and Reid, assignors.
Francis, A. W., and Schlesman, assignors.
Frank, F. C., Badertscher, and Berger, assignors.
Giammaria, J. J., and Reiff, assignors.
Gorin, Everett, assignor.
Gorin, Manuel H., assignor.
Gormly, Horace C., assignor.
Grimble, Robert W., assignor.
Hadden, Stuart T., assignor.
Hamilton, L. A., Moran, and Cattell, assignors.
Horton, Aaron W., assignor.
Kalichevsky, V. A., Ray, and Payne, assignors.
Koppenhoefer, Robert M., assignor.
Lechthaler, Charles H., assignor.
Lincoln, B. H., Brykit, and Steiner, assignors.
Meadow, Jacob R., assignor.
Marisic, Milton M., assignor.
Marisic, M. M., and Dray, assignors.
Marshall, C. D., and Buttrill, assignors.
McCracken, John H., assignor.
McCracken, J. H., and Nygaard, assignors.
Minton, John P., assignor.
Moran, R. C., Meyer, Otto, and Oberright, assignors.
Nelson, T. W., Noll, and Simpson, assignors.
Nicholls, E. S., Noll, and Payne, assignors.
Noland, Thomas T., assignor.
Noland, T. T., and Nygaard, assignors.
Nygaard, E. M., and McCracken, assignors.
Nygaard, E. M., McCracken, and Noland, assignors.
Otto, Ferdinand P., assignor.
Otto, F. P., and Meyer, assignors.
Otto, F. P., Meyer, and Moran, assignors.
Otto, F. P., and Reiff, assignors.
Pabst, Arthur C., assignor.
Patton, James L., assignor.
Redman, H. E., and Fuller, assignors.
Redmond, Lury B., assignor.
Reiff, Orland M., assignor.
Reiff, O. M., and Andress, assignors.
Reiff, O. M., and Hartough, assignors.
Reiff, O. M., and Zech, assignors.
Roehner, Theodore G., assignor.
Sachanoeh, A. N., and Caesar, assignors.
Schiller, Harold, assignor.
Simpson, T. P., Payne and Crowley, Jr., assignors.
Shipp, V. L., Pabst, and Killingsworth, assignors.
Shook, Earley M., assignor.
Shook, E. M., and Olson, assignors.
Utterback, Ernest, assignor.
Williams, R. H., and Fuller, assignors.
Socony-Vacuum Oil Products Company, Incorporated: *See*—
Schlesman, Carleton H., assignor.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Pressure sensitive rubber adhesive. 2,366,219; Jan. 2.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Removing methyl phenylacetylene from ring substituted methyl styrene. 2,372,524; Mar. 27.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Removing phenylacetylene from styrene. 2,372,525; Mar. 27.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Removing phenylacetylene from styrene. 2,372,526; Mar. 27.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Depolymerization of ring substituted methyl styrene polymers. 2,372,527; Mar. 27.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Depolymerization of styrene polymers. 2,372,528; Mar. 27.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Purification of diolefins. 2,373,715; Apr. 17.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of piperylene-olefine mixtures and products obtained therefrom. 2,374,242; Apr. 24.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chlorination of piperylene. 2,374,711; May 1.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,376,396; May 22.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Coated object and making the same. 2,378,445; June 19.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Coated object and making the same. 2,378,446; June 19.

Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Plasticized composition. 2,378,447; June 19.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Ether of 2-methyl-2-hydroxy-butene-3. 2,382,031; Aug. 14.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Purifying ring substituted methyl styrene. 2,383,921; Aug. 28.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Depolymerization of polymers of styrene and ring substituted methyl styrenes. 2,383,922; Aug. 28.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Compositions containing resinous polymers of cyclopentadiene. 2,384,141; Sept. 4.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvements Company. Chemical process and product. 2,384,855; Sept. 18.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Rubber compositions containing hydrocarbon resins. 2,388,346; Nov. 6.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,389,647; Nov. 27.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Mastic composition. 2,390,189; Dec. 4.
Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,390,190; Dec. 4.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Polymerization of indene. 2,373,714; Apr. 17.
Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Controlling polymerization reactions. 2,375,256; May 8.
Soderberg, Gustave J., Babylon, N. Y. Removable conduit housing. 2,368,619; Feb. 6.
Soderberg, Gustave J., Babylon, N. Y. Polisher. 2,379,997; July 10.
Soderberg, Sten, Passaic, assignor to Leslie Company, Lyndhurst, N. J. Steam whistle. 2,386,513; Oct. 9.
Soderquist, Frederick J.: *See*—
Amos, J. L., and Soderquist.
Söderström, Nils M. G., Spanga, and H. F. Rost, Djursholm, Sweden. Cultivating yeast with treated waste sulphite liquor. 2,381,230; Aug. 7.
Soetbeer, Oscar F., Massapequa Park, N. Y. Internal surface projector. 2,378,870; June 19.
Soffietti, Giuseppe, Torino, Italy, assignor to L. J. Leishman, Los Angeles, Calif. Automatic tuning-in of wireless receiving sets to desired broadcasting stations. 2,388,581; Nov. 6.
Sohm, Alfred L., assignor to Dril-Tap Company, Van Nuys, Calif., a copartnership composed of J. P. Corbett and A. L. Sohm. Power tool. 2,370,885; Mar. 6.
Sohm, Herwart, Basel, Switzerland. Manufacture of paints. 2,388,017; Oct. 30.
Sohmer, Carl G., Tacoma, Wash. Dispenser. 2,376,018; May 15.
Sojka, George E., assignor to Eaton Paper Corporation, Pittsfield, Mass. Die stamping. 2,373,060; Apr. 3.
Sokoloff, Boris T., Bloomfield, N. J., assignor to World Products Corp., New York, N. Y. Vitamin A containing preparation and the manner of its production. 2,375,501; May 8.
Sokolowsky, Charles T., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,376,829; May 22.
Solar Aircraft Company: *See*—
Allen, L. B., and Heath, assignors.
Arnhym, Albert A., assignor.
Burger, L. E., and Skinner, assignors.
Huntoon, Russell C., assignor.
Russell, Leslie W., assignor.
Solar Corporation: *See*—
Feldtkeller, Carl L., assignor.
Solberg, Ludwig O., Wenatchee, Wash. Reversible air circulating system. 2,370,886; Mar. 6.
Solberg, Nils, Duluth, Minn. Music holder for clarinet and band instruments. 2,386,576; Oct. 9.
Soldan, Clarence W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Self-locking threaded device. 2,367,379; Jan. 16.
Soldner, William E., Salina, Kans. Contraposed twin turreted boat and ship drive. 2,386,362; Oct. 9.
Solex Limited: *See*—
Wattebot, Louis E., assignor.
Solis, Faustino J. F., Habana, Cuba. Door, window, and the like. 2,378,591; June 19.
Solkover, George, Seattle, Wash. Record carrier. 2,366,940; Jan. 9.
Sollie, Elvyn M.: *See*—
Frostick, H. G., and Sollie.
Sollinger, Ferdinand P., Paterson, N. J., assignor to Wright Aeronautical Corporation. Centrifugal compressor entry vane construction. 2,384,265; Sept. 4.
Solms, Fred J.: *See*—
Porsche, J. D., and Solms.
Solmssen, Ulrich V.: *See*—
Lee, J., Solmssen, and Berger.
Solomon, Ernest, Nutley, H. J. Passino, Jersey City, and L. C. Rubin, West Caldwell, assignors to The M. W. Kellogg Company, Jersey City, N. J. Metal halide catalysts. 2,382,586; Aug. 14.
Solomon, Oscar A., North Tonawanda, N. Y. Airplane-helicopter. 2,382,824; Aug. 14.
Solomon, Sidney, et al.: *See*—
Pitar, Adolph, assignor.
Solomon, William, New York, N. Y. Shirt. 2,369,416; Feb. 13.
Solon, Philip O., Oakland, Calif. Keyboard for typewriters or the like. 2,369,807; Feb. 20.
Solotoy, Percy: *See*—
Kalpakoff, William A., assignor.
Soltzberg, Sol, assignor to Atlas Powder Company, Wilmington, Del. Hexide diesters. 2,387,842; Oct. 30.
Soltzberg, Sol, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Sorbitan and making the same. 2,390,395; Dec. 4.
Soltzberg, Solomon, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Preparation of tartaric acid values. 2,380,196; July 10.
Solvay Process Company, The: *See*—
Beekhuis, Herman A., Jr., assignor.
Beckham, Leland J., assignor.
Beckham, L. J., and Crowder, assignors.
Datin, Richard C., assignor.
Farrell, J. K., and Eichelberger, assignors.
Fessler, William A., assignor.
Harman, Robert A., assignor.
Julien, Arlie P., and Terziev, assignors.
Koenig, Charles L., assignor.
Laue, Karl E. E., assignor.
Lawrence, C. K., and Engle, assignors.
Moyer, W. W., and Klingelhoefer, assignors.
Porter, Frank, assignor.
Saddington, Arthur W., assignor.
Solvay Sales Corporation: *See*—
Miller, John F., assignor.
Solyst, Jalmer M., Forest City, Iowa. Door for animal houses. 2,373,858; Apr. 17.
Somers, Robert E., Hellertown, Pa., assignor to Bethlehem Steel Company. Stud. 2,384,403; Sept. 4.
Somerville, Albert A., Carmel, assignor to R. T. Vanderbilt Co. Inc., New York, N. Y. Synthetic rubber compounding. 2,374,843; May 1.
Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Strip cutting machine. 2,369,617; Feb. 13.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Quenching device for heat-treating apparatus. 2,371,117; Mar. 6.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Electrical apparatus. 2,372,529; Mar. 27.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treated apparatus. 2,374,243; Apr. 24.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treating apparatus. 2,376,514; May 22.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Apparatus for and method of quenching. 2,376,515; May 22.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat-treating apparatus. 2,376,516; May 22.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Wall for marine vessels. 2,376,517; May 22.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Work supporting carriage. 2,382,825; Aug. 14.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Reciprocable carriage. 2,382,826; Aug. 14.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Timing mechanism. 2,387,097; Oct. 16.
Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat treatment of hardenable metallic articles. 2,388,231; Oct. 30.
Sommer, Albert, Riverdale, N. Y. Preparing building compositions. 2,372,230; Mar. 27.
Sommermeyer, Oscar R., Jr., Passaic, N. J. Gas analysis apparatus. 2,372,530; Mar. 27.
Son-Chief Electrics, Incorporated: *See*—
Fitzgerald, Edward J., assignor.
Songer, Leonard J., Syracuse, N. Y. Paste or cream dispenser. 2,376,944; May 29.
Sonne, John, Cleveland, Ohio. Mechanical razor. 2,372,401; Mar. 27.
Sonneborn, Frank, Jr., et al.: *See*—
Matt, Joseph, assignor.
Sonneborn, John R., Willow Grove, and J. Y. Albertson, assignors to Stokes and Smith Company, Philadelphia, Pa. System of producing evacuated packages. 2,387,812; Oct. 30.
Sonneborn, L., Sons, Inc.: *See*—
Breth, F. W., and Kinsel, assignors.

Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetizing-inrush tripping-suppressor. 2,376,830; May 22.
Sonnemann, William K., Roselle Park, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Relay. 2,390,813; Dec. 11.
Sonnemann, William K., Roselle Park, A. C. Mehring, East Orange, and S. L. Goldsborough, Basking Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Double-loop four-pole directional element. 2,380,197; July 10.
Sonnenfeld, William F., Sheboygan, Wis. Safety razor guard plate. 2,379,386; June 26.
Sonnino, Bruno, Milan, Italy; vested in the Alien Property Custodian. Device for printing fabrics. 2,371,930; Mar. 20.
Sonntag, Bernhard, Dallas, Tex. Air cleaner and purifier. 2,369,375; Feb. 13.
Sonoco Products Company: *See*—
Dunlap, C. K., and Stogner, assignors.
Reid, Edward S., assignor.
Sonotone Corporation: *See*—
Koren, Heiman W., assignor.
Sontag, Samuel: *See*—
Satz, F., assignor, and Berns.
Sontheimer, Carl G., Haddonfield, N. J., assignor to Radio Corporation of America. Square-law detector. 2,387,472; Oct. 23.
Sontheimer, Carl G., Haddonfield, and R. S. Doak, Collingswood, N. J., assignors to Radio Corporation of America. Reception of signals on a loop antenna. 2,375,593; May 8.
Soper, Henry F.: *See*—
Hazard, C. S., and Soper.
Sopp, Richard A., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Machine for everting ball casings and similar articles. 2,378,336; June 12.
Sorem, Stanley S., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Asphaltic composition and making the same. 2,366,657; Jan. 2.
Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Supercharger. 2,366,365; Jan. 2.
Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Mold. 2,383,224; Aug. 21.
Sorensen, Charles E., Detroit, assignor to Ford Motor Company, Dearborn, Mich. Casting rotors. 2,391,523; Dec. 25.
Sorensen, Charles E., and H. M. Reinhold, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Method and mold for casting hollow articles. 2,374,902; May 1.
Sorensen, Charles E., Detroit, and R. E. McCarroll, assignors to Ford Motor Company, Dearborn, Mich. Multiple centrifugal casting. 2,378,042; June 12.
Sorensen, Charles E., Detroit, and R. M. Smith, Ann Arbor, assignors to Ford Motor Company, Dearborn, Mich. Airframe assembly. 2,378,043; June 12.
Sorensen, Charles E., Detroit, R. H. McCarroll and N. E. Rothenthaler, assignors to Ford Motor Company, Dearborn, Mich. Armor plate quenching. 2,378,044; June 12.
Sorensen, Charles E., Detroit, and C. W. Van Ranst, assignors to Ford Motor Company, Dearborn, Mich. Cylinder construction. 2,378,045; June 12.
Sorensen, Charles E., Detroit, and R. M. Smith, Ann Arbor, assignors to Ford Motor Company, Dearborn, Mich. Aircraft manufacture. 2,383,225; Aug. 21.
Sorensen, Charles E., Detroit, and L. S. Sheldrick, assignors to Ford Motor Company, Dearborn, Mich. Vehicle track construction. 2,391,524; Dec. 25.
Sorensen, George E., assignor to Woodward Governor Company, Rockford, Ill. Method of and apparatus for measuring center spacing. 2,388,582; Nov. 6.
Sorensen, Henry, Los Angeles 14, Calif. Concrete dam structure. 2,375,143; May 1.
Soroos, Harold: *See*—
Calingaert, G., Soroos, and Shapiro.
Sorrentino, Thomas, New York, assignor to Oceanic Ship Scaling Co., Inc., Brooklyn, N. Y. Sandblasting nozzle. 2,376,287; May 15.
Soskin, Harry, Philadelphia, Pa. Elevating scaffold. 2,370,887; Mar. 6.
Sosman, Robert B.: *See*—
Percy, J. W., Johnston, and Sosman, assignors.
Sosna, Samuel E., trustee: *See*—
Taylor, George E., assignor.
Sosnoskie, Peter A., assignor of thirty-five one-hundredth to J. L. Pipa, Jr., Shamokin, Pa. Electric shock preventer. 2,372,858; Apr. 3.
Sossner, Abraham J., et al.: *See*—
Nachemov, Leonard, assignor.
Sossner, Nettie, et al.: *See*—
Nachemov, Leonard, assignor.
Sossner Steel Stamps: *See*—
Nachemov, Leonard, assignor.
Sossner, Theodore T., et al.: *See*—
Nachemov, Leonard, assignor.
Sottosanti, Michael: *See*—
Fink, H., and Sottosanti.
Soucia, Philip W., Caribou, Maine. Hydraulic loader or unloader. 2,374,045; Apr. 17.
Soucie, Sylvester F., Proctor, Colo. Apparatus for blocking row crops. 2,373,716; Apr. 17.
Souder, Philip W., Moorestown, N. J., assignor to Campbell Soup Company. Making formed dough products. 2,366,366; Jan. 2.
Souders, Mott, Jr., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,377,049; May 29.
Souders, Mott, Jr., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Distillation process. 2,379,110; June 26.
Souders, Mott, Jr., Berkeley, and R. N. Shiras, assignors to Shell Development Company. San Francisco, Calif. Treatment of hydrocarbons. 2,366,570; Jan. 2.
Souders, Mott, Jr., Berkeley, and A. J. Cherniavsky, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion apparatus. 2,371,477; Mar. 13.
Soule, Arthur H., San Francisco, Calif., assignor, by mesne assignments, to Dalmo Victor, Inc. Awning type window construction. 2,366,815; Jan. 9.
Soule, George C., South Portland, Maine, and Willard Cote, Detroit, Mich. Strap for cargo lashing equipment. 2,384,404; Sept. 4.
Soundscriber Corporation, The: *See*—
Stone, Robert L., assignor.
Thompson, Lincoln, assignor.
Thompson, L., and Stone, assignors.
Soutar, John, Huntington, W. Va., assignor to American Car and Foundry Company, New York, N. Y. Shear for flanged metal shapes. 2,366,987; Jan. 9.
Souter, Eugene H., Independence, Mo. Squeeze riveter. 2,388,877; Nov. 13.
South, Joseph A.: *See*—
Scherer, L. F., and South.
Souther, Benjamin L., New Canaan, Conn., assignor to U. S. Industrial Chemicals, Inc., New York, N. Y. Preparation of ethyl B-ethoxypropionate. 2,386,363; Oct. 9.
Southern Acid & Sulphur Company, Inc.: *See*—
Fernelius, W. C., and McReynolds, assignors.
Southern Aircraft (Gatwick) Limited, The: *See*—
Coxon, J. E., Lindsley, and Shelley, assignors.
Southern Dyestuff Corporation: *See*—
Robinson, E. D., and Boesch, assignors.
Southern Loom Reed Manufacturing Company, Inc.: *See*—
McLane, Virgle F. and S. F., assignors.
Southern Phosphate Corporation: *See*—
Coleman, John H., assignor.
Ellis, Edward J., assignor.
Ten Eyck, H. S., Chocholak, and Coleman, assignors.
Southern States Equipment Corporation: *See*—
Gussow, William A., assignor.
Southern Wood Preserving Company: *See*—
Deiters, August M., assignor.
Southwest Welding & Mfg. Co.: *See*—
Maloon, E. B., and Yount, assignors.
Southwick, William S., East Lynn, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Machine for making welded wire fabric. 2,368,047; Jan. 23.
Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Short-wave radio transmission. 2,369,808; Feb. 20.
Soutter, Robert R.: *See*—
Hodson, E., and Soutter, assignors.
Sowa, Frank J., Cranford, N. Y. Manufacture of aromatic hydrocarbons. 2,367,535; Jan. 16.
Sowa, Frank J., Cranford, N. J. Rendering materials germicidal and germicide therefor. 2,376,291; May 15.
Sowa, Frank J., Cranford, N. J. Separating hydrocarbons and waxes and the products so produced. 2,383,521; Aug. 28.
Sowers, Wesley H., Flossmoor, assignor to The Pure Oil Company, Chicago, Ill. Diesel fuels. 2,380,341; July 10.
Sowle, Charles E.: *See*—
Ulmer, T., and Sowle.
Spacie, Thomas, De Kalb, Ill. Window. 2,375,257; May 8.
Spaeth, Charles P.: *See*—
Burrows, L. A., Holmes, and Spaeth.
Spaeth, John J., assignor to The Wyatt Manufacturing Co., Inc., Salina, Kans. Stacker-loader. 2,367,150; Jan. 9.
Spafford, Bert L., Starks, Wis. Potato harvester. 2,373,426; Apr. 10.
Spagnoli, Paul, San Francisco, Calif. Mattress wrapping machine. 2,385,477; Sept. 25.
Spagnolo, Cosimo D., New York, N. Y. Cartridge feeding mechanism. 2,380,083; July 10.
Spahn, Charles F., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contacting device. 2,369,616; Feb. 13.
Spahr, William F., Southport, La. Drum swager. 2,379,046; June 26.
Spahr, William F., New Orleans, La. Body roller. 2,387,688; Oct. 23.
Spalding, A. G., & Bros. Inc.: *See*—
Radford, George S., assignor.
Radford, G. S., and Couture, assignors.
Tynan, James N., assignor.
Spaldo, Philip A., New York, N. Y. Combination bag and book cover. 2,369,864; Feb. 20.
Spalt, George, & Sons, Inc.: *See*—
Epworth, Sylvia D., assignor.

Spanagel, Edgar W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning process. 2,385,890; Oct. 2.
Spanel, Abraham N., New York, N. Y. Flexible collapsible fluid bladder. 2,387,539; Oct. 23.
Spanel, Martin M., Flint, Mich. Grinding mill. 2,389,242; Nov. 20.
Spang, Ferdinand J., Butler, Pa. Device for determining the condition of a well bore from an etched acid bottle. 2,373,061; Apr. 3.
Spang, Joseph P., Quincy, assignor to Cube Steak Machine Co., Boston, Mass. Meat slitting machine. 2,380,371; July 10.
Spangenberg, Charles B., and A. H. Swanson, Philadelphia, Pa., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,368,893; Feb. 6.
Spangenberg, Karl, Palo Alto, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Electron lens. 2,383,751; Aug. 28.
Spangler, Lynn K., Parkersburg, W. Va., assignor to American Viscose Corporation, Wilmington, Del. Filamentary guide. 2,369,809; Feb. 20.
Spangler, Lynwill K.: *See*—
Decker, F. A., Jr., and Spangler, assignors.
Spanogle, John A., Dayton, Ohio. Multiple-unit speed control. 2,381,934; Aug. 14.
Spargo, John: *See*—
Mader, Emil A., assignor.
Sparhawk, Charles V., Sparkill, N. Y. Producing musklike preparations. 2,368,578; Jan. 30.
Sparkler Manufacturing Company: *See*—
Kracklauer, Aloysius C., assignor.
Sparks, Chiles E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Direct blue azo dyes. 2,370,500; Feb. 27.
Sparks, Eli, et al.: *See*—
Wagers, Beverly T., assignor.
Sparks Machine Tool Corporation, The: *See*—
Sparks, S. W., and Lomazzo, assignors.
Sparks, Marshall S., Memphis, Tenn. Package of solder. 2,372,859; Apr. 3.
Sparks, Stanley W., and E. J. Lomazzo, assignors to The Sparks Machine Tool Corporation, Norwalk, Conn. Lathe and making the same. 2,389,746; Nov. 27.
Sparks, William J.: *See*—
Gleason, A. H., and Sparks.
Lightbown, I. E., and Sparks.
Thomas, R. M., and Sparks.
Sparks, William J., Elizabth, and R. M. Thomas, Union, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Solid interpolymer of an isoolefin and a non-conjugated diolefin. 2,384,975; Sept. 18.
Sparks, William J., Cranford, and R. M. Thomas, Union, N. J., assignors to Jasco, Incorporated. Producing high molecular weight polymers from olefins. 2,389,693; Nov. 27.
Sparks, William L., Hartsdale, N. Y. Fastener. 2,386,723; Oct. 9.
Sparks-Withington Company, The: *See*—
Hehn, Otto, assignor.
Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor control system. 2,389,939; Nov. 27.
Sparrow, Hubert T., and J. M. Wilson, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermocouple. 2,378,804; June 19.
Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Clutch throwout mechanism. 2,369,417; Feb. 13.
Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Hydraulically supported balancing machine. 2,372,610; Mar. 27.
Spase, Charles B., Nedrow, assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Friction clutch. 2,384,405; Sept. 4.
Spaulding, Edwin B., Madison, Wis., assignor to Hercules Powder Company, Wilmington, Del. Chlorination of rubber. 2,382,342; Aug. 14.
Spaulding, Ralph E., assignor to The Aetna Iron & Steel Company, Jacksonville, Fla. Structural member. 2,386,724; Oct. 9.
Spaulding, William R., Kansas City, Mo. Flasher system. 2,369,376; Feb. 13.
Speakman, John B., Far Headingley, Leeds, assignor to Cefoil Limited, Maidenhead, England. Manufacture of spun textile fibers. 2,371,717; Mar. 20.
Spear, Clifton T., Texarkana, Tex. Fish lure. 2,381,231; Aug. 7.
Speare's, Alden, Sons Co., The: *See*—
Thompson, Willis F., assignor.
Spearman, Lawrence A., Newberry, S. C. Athlete training apparatus. 2,390,336; Dec. 4.
Spears, Frank G. W.: *See*—
Lumb, C. F., and Spears.
Specht, Otto, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Crankshaft for internal-combustion engines. 2,378,592; June 19.
Special Equipment Company: *See*—
Ewald, R. L., and Skog, assignors.
Specialized Engineering Company: *See*—
De Freitas, Joseph L., assignor.
Specialties Development Corporation: *See*—
Freygang, Walter H., assignor.
Grant, Harry C., Jr., assignor.
Grant, H. C., Jr., and Thomsen, assignors.
Heigis, Henry E., assignor.
Mapes, Daniel, assignor.
Specialty Equipment and Machinery Corp.: *See*—
Riboud, Jacques M. J., assignor.
Speck, Edward W., Cleveland, Ohio. Variable transmission. 2,377,385; June 5.
Speck, Walter R.: *See*—
Bartoe, W. F., and Speck.
Speck, William C., Lamesa, Tex. Cultivator attachment. 2,371,718; Mar. 20.
Spedding, Howard, assignor to Detroit Tap & Tool Company, Detroit, Mich. Checking machine. 2,368,579; Jan. 30.
Speed, Fletcher C., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm extractor. 2,373,608; Apr. 10.
Speed-Jack Company: *See*—
Kershaw, Henry, assignor.
Speed Products Company: *See*—
Kipp, Calvin P.
Speer, Robert J.: *See*—
Nawiasky, P., and Speer.
Speeros, Basil S., Washington, D. C. International time designator. 2,369,760; Feb. 20.
Speicher, John K., Newark, assignor to Hercules Powder Company, Wilmington, Del. Molding compositions. 2,389,940; Nov. 27.
Speight, Francis R., Dedham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Moccasin blank. 2,375,961; May 15.
Speight, Francis R., Dedham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Moccasin seam sewing machine. 2,387,813; Oct. 30.
Speiser, Ralph W., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Mower unit. 2,372,300; Mar. 27.
Spelker, Albert J., assignor to Atlas Electrotype & Stereotype Co., Toledo, Ohio. Printing plate manufacture. 2,388,878; Nov. 13.
Speller, Thomas H.: *See*—
Harvey, Frank M., assignor.
Speller, Thomas H., Williamsville, N. Y. Dimpling machine. 2,375,707; May 8.
Spence Engineering Company, Inc.: *See*—
Spence, Paulsen, assignor.
Spence, John: *See*—
Carroll, B. H., and Spence.
Spence, Le Roy U., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Manufacture of acrylonitrile from ethylene cyanohydrin. 2,374,051; Apr. 17.
Spence, Le Roy U., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Production of acrylonitrile. 2,385,549; Sept. 25.
Spence, Le Roy U., Elkins Park, assignor to Röhm & Haas Company, Philadelphia, Pa. Production of unsaturated nitriles. 2,385,550; Sept. 25.
Spence, Le Roy U., Elkins Park, and J. C. Mitchell, assignors to Röhm & Haas Company, Philadelphia, Pa. Producing acrylonitrile. 2,374,052. Apr. 17.
Spence, Le Roy U., Elkins Park, Pa., and F. O. Haas, Washington, D. C., assignors to Rohm & Haas Company, Philadelphia, Pa. Chlorination of aliphatic acids and esters. 2,379,759; July 3.
Spence, Le Roy U., Elkins Park, and C. H. McKeever, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Raw material for resin synthesis. 2,381,855; Aug. 7.
Spence, Le Roy U., Elkins Park, D. J. Butterbaugh, Philadelphia, and E. H. Kroeker, Cheltenham, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of acrylonitrile. 2,385,551; Sept. 25.
Spence, Le Roy U., Elkins Park, and F. O. Haas, Villanova, assignors to Röhm & Haas Company, Philadelphia, Pa. Dehydrogenation of aliphatic nitriles. 2,385,552; Sept. 25.
Spence, Neville S., Toronto, Ontario, Canada, assignor to International Nickel Company, Inc., New York, N. Y. Casting metal. 2,376,518; May 22.
Spence, Paulsen, East Orange, N. J., assignor to Spence Engineering Company, Inc., Walden, N. Y. Safety device for reducing valves. 2,370,110; Feb. 20.
Spencer Aircraft Motors, Inc.: *See*—
Spencer, Louis R., assignor.
Spencer, Basil G., London, England, assignor to Bigelow-Liptak Corporation, Detroit, Mich. Stabilizing double-wall constructions. 2,377,528; June 5.
Spencer, Dorsey, et al.: *See*—
Globus, Alfred R., assignor.
Spencer, Fred B., Los Angeles, Calif., assignor to American Telephone and Telegraph Company. Line usage recorder circuit. 2,383,826; Aug. 28.
Spencer, H. Dorsey: *See*—
Roberts, John A., assignor.
Spencer, H. Dorsey, et al.: *See*—
Albertson, Benjamin S., Jr., assignor.
Ramsay, Marcus, assignor.
Spencer, Harry H., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power plant. 2,386,638; Oct. 9.

Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Polar relay storage system. 2,389,694; Nov. 27.

Spencer, James A., Teaneck, N. J., and L. F. Reinhold, Staten Island, N. Y., assignors to Radio Corporation of America. Printing telegraph receiver. 2,375,828; May 15.

Spencer, John A., Newtonville, assignor to Raytheon Manufacturing Company, Newton, Mass. Forming shoulders on conducting members. 2,366,756; Jan. 9.

Spencer, John A., Newtonville, assignor to Raytheon Manufacturing Company, Newton, Mass. Fastening metal members to insulation. 2,376,397; May 22.

Spencer, Lee, Jamaica, N. Y. Pressure limiting washer assembly. 2,369,865; Feb. 20.

Spencer Lens Company: *See*—
Osterberg, Harold, assignor.
Peck, William F., assignor.

Spencer, Lester F.: *See*—
Abbott, A. L., Spencer, and Lichtenstein.

Spencer, Louis R., West Hartford, assignor to Spencer Aircraft Motors, Inc., Hartford, Conn. Valve actuating mechanism. 2,385,309; Sept. 18.

Spencer, Percy L., West Newton, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Nonmicrophonic tube. 2,366,220; Jan. 2.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Device for producing successive electrical impulses. 2,375,830; May 15.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Ignition tube timing arrangement. 2,379,462; July 3.

Spencer, Percy L., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Forming seals. 2,386,820; Oct. 16.

Spencer, Virgil, East Petersburg, assignor to Armstrong Cork Company, Lancaster, Pa. Making variegated hard surface coverings. 2,369,866; Feb. 20.

Spencer, Virgil, East Petersburg, assignor to Armstrong Cork Company, Lancaster, Pa. Manufacturing linoleum compositions. 2,371,074; Mar. 6.

Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus. 2,373,981; Apr. 17.

Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Coupling means. 2,391,525; Dec. 25.

Sperlich, Herman A.: *See*—
Happe, Arthur H., assignor.

Sperling, Curren C.: *See*—
Dorsett, W. C., Sperling, and Walker.

Sperry, Arthur B., Watertown, N. Nazar, Newton, and W. C. Erwin, assignors to Waltham Watch Company, Waltham, Mass. Electric clock. 2,377,276; May 29.

Sperry, Elmer A., Jr., New York, and J. D. Peace, Jr., Malba, N. Y., assignors to Sperry Products, Inc., Hoboken, N. J. Torpedo director. 2,391,356; Dec. 18.

Sperry, Elmer A., Jr., New York, N. Y., and C. B. Roede, Ridgefield, assignors to Sperry Products, Inc., Hoboken, N. J. Torpedo director. 2,391,357; Dec. 18.

Sperry Gyroscope Company, Inc.: *See*—
Bates, Mortimer F., assignor.
Beach, Lennox F., assignor.
Beach, L. F., Esval, and Lane, assignors.
Bonell, Ralph K., assignor.
Braddon, Frederick D., assignor.
Braddon, F. D., and Carter, assignors.
Browder, J. E., and Moseley, assignors.
Carlson, Bert G., assignor.
Carter, Leslie F., assignor.
Carter, L. F., and Braddon, assignors.
Chafee, Earl W., assignor.
Chafee, E. W., and Van Auken, assignors.
Chafee, E. W., and Wittkuhns, assignors.
Cooke, W. T., and Schussman, assignors.
Curry, Robert S., Jr.
Curry, Robert S., Jr., assignor.
Dawson, Edward, assignor.
Depp, Marlin C., assignor.
Esval, O. E., Curry, Fragola, and Beach, assignors.
Esval, O. E., and Wrigley, assignors.
Fragola, C. F., Depp, and Curry, assignors.
Frische, C. A., and Hanson, assignors.
Ginzton, E. L., and Hansen, assignors.
Hammond, E. B., and Campbell, assignors.
Haskins, Robert, Jr., assignor.
Haskins, R., Jr., Esval, and Curry, assignors.
Kellogg, Spencer, 2d, assignor.
Kenyon, Theodore W., assignor.
Lane, A. W., and Curry, assignors.
Leeds, Benjamin L., assignor.
Moseley, Francis L., assignor.
Muma, J. R., Wilson, and Haskins, assignors.
Myers, Shierfield G., assignor.
Nisbet, R. H., and Harding, assignors.
Norden, E., Gemmill, and Isbister, assignors.
Relson, Morris, assignor.
Riggs, Alger S., assignor.
Riggs, A. S., and Thompson, assignors.
Saul, G. C., Harding, and Nisbet, assignors.
Sensiper, S., and Andrews, assignors.

Sperry Gyroscope Company, Inc.: *See*—Continued
Shepherd, James E., assignor.
Tawney, Gerald L., assignor.
Vielehr, O. A., Umsted, and Good, assignors.
Wilson, Elwood J., Jr., assignor.
Wittkuhns, Bruno A., assignor.

Sperry Gyroscope Company, Limited: *See*—
Glenny, Arthur P., assignor.

Sperry, Helen B., executrix: *See*—
Sperry, P. F., and Briskin, P. F. and J. Sperry, Philmore F.

Sperry, Herbert O., Drexel Hill, Pa. Simultaneously mounting and contour-cutting printed or lithographed sheets and machine therefor. 2,375,330; May 8.

Sperry, John B., Aurora, Ill., assignor to The American Well Works. Floating grease seal. 2,379,547; July 3.

Sperry, Philmore F., deceased, by H. B. Sperry, Chicago, Ill., executrix, assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Rewinding mechanism for cameras. 2,374,509; Apr. 24.

Sperry, Philmore F., and P. F. and J. Briskin, Chicago, Ill.; H. B. Sperry, executrix of the estate of said Sperry, deceased, said executrix assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Adjustable view finder for cameras. 2,377,821; June 5.

Sperry Products, Inc.: *See*—
De Lanty, L. J., and Williams, assignors.
Drake, Harcourt C., assignor.
Haight, Norman L., assignor.
Sperry, E. A., Jr., and Peace, assignors.
Sperry, E. A., Jr., and Roede, assignors.

Sperry, Russell L.: *See*—
Thurston, J. T., and Sperry.

Sperry, Russell L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of alkali - metal ω - cyanoguanidodithiocarbonates. 2,368,894; Feb. 6.

Sperry, Russell L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Dithiobiuret and preparation. 2,371,112; Mar. 6.

Sperry, Russell L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing monothiobiuret. 2,371,113; Mar. 6.

Sperry, Russell L., Stamford, and E. O. Hook, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of biguanides. 2,371,111; Mar. 6.

Sperry-Sun Well Surveying Company: *See*—
Millington, John W., assignor.

Sperti, George, Covington, Ky., assignor to Science Laboratories, Inc., Norwood, Ohio. Irradiation process and means. 2,384,203; Sept. 4.

Sperti, George S., Covington, Ky., assignor, by mesne assignments, to The Institutum Divi Thomae Foundation, Cincinnati, Ohio. High pressure enclosed arc device. 2,369,987; Feb. 20.

Spertus, Maurice, Winnetka, assignor to Spertus Processes, Inc., Chicago, Ill. Making artificial fibers. 2,371,075; Mar. 6.

Spertus Processes, Inc.: *See*—
Spertus, Maurice, assignor.

Sperzel, Robert H., New Haven, assignor to The Whitney Blake Company, Hamden, Conn. Knitting machine attachment. 2,368,686; Feb. 6.

Speth, Lloyd G., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rivet feeding device. 2,373,509; Apr. 10.

Sphar, Clark H., San Francisco, assignor to Heintz & Kaufman, Ltd., South San Francisco, Calif. Electron discharge tube. 2,376,288; May 15.

Spialter, Leonard: *See*—
Rust, J. B., and Spialter.

Spicer, Alvin W., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Riveted structure. 2,383,623; Aug. 28.

Spicer Manufacturing Corporation: *See*—
Barth, E. J., and Zingsheim, assignors.
Peterson, C. D., and Deimel, assignors.

Spicer, Theodore S., and C. C. Wright, State College, assignors to Pennsylvania Bituminous Coal Research, Inc., Altoona, Pa. Underfeed stoker and its operation. 2,378,805; June 19.

Spicer, William E., and R. N. Watts, Baton Rouge, La., assignors to Standard Oil Development Company. Preparing catalyst. 2,391,358; Dec. 18.

Spickelmier, Ernest, J. Long, O. O. McKinley, and L. Day, assignors to Spickelmier Fuel and Supply Company, Indianapolis, Ind. Storm sash construction. 2,379,111; June 26.

Spickelmier Fuel and Supply Company: *See*—
Spickelmier, E., Long, McKinley, and Day.

Spiegel, George W., and R. H. Morris, Clintonville, Wis. Towel rack. 2,374,787; May 1.

Spiegel, Jacob, Philadelphia, Pa. Landing stabilizer for aircraft. 2,385,850; Oct. 2.

Spiegel, Philip, Bronx, N. Y. Crane and the like load lifting apparatus. 2,368,268; Jan. 30.

Spiegel, Philip, Bronx, N. Y. Rail extractor. 2,368,269; Jan. 30.

Spiegl, Ellis H., Salinas, Calif. Vegetable harvester. 2,368,895; Feb. 6.

Spiegl, Ellis H., Salinas, Calif. Tractor conveyer. 2,374,903; May 1.

Spiegler, John J., Newark, N. J. Producing a detergent composition. 2,367,971; Jan. 23.
Spiers, Henry M., assignor to Woodall-Duckham (1920) Limited, Guildford, England. Purification of hydrocarbons by azeotropic distillation. 2,386,755; Oct. 16.
Spies, Leonhard: *See*—
Müller, W., and Spies.
Spieth, Harry E., Portland, Oreg. Flame hardening head. 2,2,367,898; Jan. 23.
Spieth, William O., Cleveland Heights, Ohio. Reflector. 2,367,067; Jan. 9.
Spigelsky, William S., Monessen, Pa. Gun aligning device. 2,381,010; Aug. 7.
"Spiku"-Trust: *See*—
Suter, Alexander, assignor.
Spillane, James, Los Angeles, Calif. Fire extinguisher. 2,371,364; Mar. 13.
Spiller, George, assignor to Hercules Powder Company, Wilmington, Del. Chewing gum material. 2,367,380; Jan. 16.
Spiller, George, assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,373,717; Apr. 17.
Spiller, George, assignor to Hercules Powder Company, Wilmington, Del. Resin. 2,383,624; Aug. 28.
Spiller, William R., Dayton, Ohio, and H. W. Alden and R. K. Super, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. Re. 22,586; Jan. 2.
Spiller, William R., and R. J. Niederhauser, Dayton, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Stitching machine. 2,391,488; Dec. 25.
Spillers Limited: *See*—
Evans, Cyril H., assignor.
Spillman, Gordon C., Roselle, N. J., assignor to Western Electric Company, Incorporated. Strand handling apparatus. 2,382,922; Aug. 14.
Spina, Anthony, Brooklyn, N. Y. Crystal grinding device. 2,372,688; Apr. 3.
Spina, Joseph: *See*—
Kurtz, J., Waldie, and Spina.
Spingler, Harry, assignor of twenty-five per cent to R. H. Spingler, Brooklyn, N. Y. Vapor treatment device. 2,384,142; Sept. 4.
Spingler, Harry, assignor of twenty-five per cent to R. H. Spingler, Brooklyn, N. Y. Automobile tire shield. 2,387,188; Oct. 16.
Spingler, Richard H.: *See*—
Spingler, Harry, assignor.
Spinner, Isidore: *See*—
Thoele, Lawrence J., assignor.
Spiral Binding Company, Inc.: *See*—
Freundlich, Albert, assignor.
Spiral Brushes, Incorporated: *See*—
Wesemeyer, Dietrich F. O., assignor.
Spisak, John A., East Pittsburgh, Pa. Hoisting able attachment. 2,368,171; Jan. 30.
Spiselman, Joseph W., Brooklyn, assignor to Research Corporation, New York, N. Y. Concentration of hygroscopic solutions. 2,367,695; Jan. 23.
Spittler, George, Wyandotte, Mich. Aircraft. 2,386,915; Oct. 16.
Spitz, Henry: *See*—
Bolten, J., and Spitz.
Spitzer, Edwin E., West Caldwell, N. J., assignor to Radio Corporation of America. High-frequency oscillator system. 2,377,456; June 5.
Spitzka, Bruno J., assignor to Comfort Products Corporation, Harvey, Ill. Air conditioning. 2,387,473; Oct. 23.
Spitzli, Donald H., Summit, N. J., assignor to Congoleum-Nairn Inc., New York, N. Y. Covering structure. 2,367,536; Jan. 16.
Spivey, Frank L., deceased, assignor of one-half to E. C. Overall, San Antonio, Tex.; H. F. Spivey, administratrix. Poultry and live stock feeder. 2,386,010; Oct. 2.
Spivey, Hazel F., administratrix: *See*—
Spivey, Frank L.
Splaine, Edward M.: *See*—
Bernheim, D. P., Splaine, Lehmberg, Lown, and Baratelli.
Cozzens, C. O., and Splaine.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,381,011; Aug. 7.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,383,021; Aug. 21.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting and making and adjusting the same. 2,388,191; Oct. 30.
Splaine, Edward M., and L. A. Severy, assignors to American Optical Company, Southbridge, Mass. Lens mounting. 2,383,572; Aug. 28.
Spokes, Ray E.: *See*—
Hart, C. S., and Spokes.
Spokus, Albin J., Seattle, Wash. Flower holder. 2,387,474; Oct. 23.
Sponsler, Charles F., Philadelphia, Pa. Shock absorbing device. 2,387,689; Oct. 23.
Spotts, Daniel G.: *See*—
Furnas, W. G., and Spotts.
Spotz, Chester A., Lachute, Quebec, Canada. Method and machine for making capsules particularly gelatin capsules. 2,390,337; Dec. 4.
Spraberry, Beauron D., Knoxville, Tenn. Calculator. 2,377,977; June 12.
Sprague, Chester E. and N. M., Portland, Oreg. Reversing split-phase motor. 2,382,827; Aug. 14.
Sprague Electric Company: *See*—
Burnham, J., and Hyde, assignors.
Nazzewski, Mathew, assignor.
Robinson, Preston, assignor.
Sprague, Nelson M.: *See*—
Sprague, Chester E. and N. M.
Sprague, Philip T., Long Beach, assignor to The Hays Corporation, Michigan City, Ind. Liquid level follow-up device. 2,382,516; Aug. 14.
Sprague, Robert M., Manhasset, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Signal transmission system. 2,372,344; Mar. 27.
Sprague, Robert M., Hicksville, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Signal receiving and reproducing system. 2,378,373; June 12.
Sprague, Robert M., Hicksville, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Antenna system. 2,379,260; June 26.
Sprague, Robert M., Manhasset, and E. G. Fraim, Hicksville, N. Y., assignors to Press Wireless, Inc., Chicago, Ill. Radio transmission system. 2,387,098; Oct. 16.
Sprague Specialties Company: *See*—
Hyde, James L., assignor.
Sprague, Vinton G., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,391,276; Dec. 18.
Sprake, Tyler W., assignor to Webster-Brinkley Co., Seattle, Wash. Variable-delivery pump. 2,369,867; Feb. 20.
Sprake, Tyler W., assignor to Webster-Brinkley Co., Seattle, Wash. Clutch mechanism. 2,379,320; June 26.
Sprang, Cornelius A.: *See*—
Myers, L. D., and Sprang.
Spray Process Co. Inc.: *See*—
Vose, Edwin W., assignor.
Spray Wax Sales Co.: *See*—
Clinton, Charles H., assignor.
Sprecker, Alfred L., Freeport, assignor to International Business Machines Corporation, New York, N. Y. Time system. 2,379,836; July 3.
Spreckles, J. D. & A. B., Company: See—
Schweiger, Mitchell F., assignor.
Spring-Air Company: *See*—
Pabst, Edwin L., assignor.
Springer, Hazen F.: *See*—
Phillips, H. B., and Springer.
Sproat, Ira E., Westport, Conn., assignor to R. T. Vanderbilt Co., Inc., New York, N. Y. Ceramic bodies. 2,380,198; July 10.
Sprouse, Ada, et al.: *See*—
Morris, John Y., assignor.
Sprouse, V. E., Company: *See*—
Morris, John Y.
Sprouse, Verner E., et al.: *See*—
Morris, John Y., assignor.
Sprouse, Verner E., Columbus, Ind. Hose clamp. Re. 22,601; Feb. 13.
Sprouse, Verner E., Columbus, Ind. Hose clamp. 2,374,141; Apr. 21.
Sprung, Murray M., Scotia, N. Y., assignor to General Electric Company. Preparing silicone resins. 2,383,827; Aug. 28.
Sprung, Murray M., Scotia, and W. F. Gilliam, Schenectady, N. Y., assignors to General Electric Company. Organosilicon halides. 2,380,998; Aug. 7.
Sprung, Murray M., Scotia, and W. F. Gilliam, Schenectady, N. Y., assignors to General Electric Company. Preparation of organosilicon halides. 2,380,999; Aug. 7.
Spurlin, Harold M., assignor to Hercules Powder Company, Wilmington, Del. Producing pentaerythritol. 2,369,083; Feb. 6.
Spurlin, Harold M., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Making terpene polymers. 2,391,359; Dec. 18.
Spurlino, Pascal, E. H. Placke, W. E. Eickman, and A. G. Kramer, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,373,510; Apr. 10.
Spurlino, Pascal, W. M. Carroll, A. R. Colley, and A. G. Kibler, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,375,594; May 8.
Spurlino, Pascal, A. R. Colley, L. N. Lehman, and F. Gantner, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,386,364; Oct. 9.
Spurlino, Pascal, and K. Rauch, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,390,396; Dec. 4.
Spurlock, James J., Denton, Tex. 5-substituted-5-(2-thienyl) hydantoins. 2,366,221; Jan. 2.
Spurr, Robert, Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container fabricating machine. 2,370,757; Mar. 6.
Square D Company: *See*—
Maseng, Olav, assignor.
Schaefer, Carl A., assignor.
Van Valkenburg, Hermon L., assignor.
Woods, William H., assignor.
Zeller, Josef J., assignor.

Squibb, E. R., & Sons: *See*—
Braker, W., and Pribyl, assignors.
Bunney, W. E., and Koerber, assignors.
Fernholz, Erhard, assignor.
Gerlough, Tillman D., assignor.
Ruigh, William L., assignor.
Van Dyke, H. B., Greep, and Chow, assignors.
Squire, Edmund M., Brooklyn, N. Y. Coin-operated voice recording machine. 2,379,548; July 3.
Squires, Maurine: *See*—
Hacmac, Edward R., assignor.
Squyres, Arthur: *See*—
Roberts, Pearlie B., assignor.
Sribike, Mary A.: *See*—
McClure, Charles A., assignor.
Stacey Brothers Gas Construction Company, The: *See*—
Gruening, William E., assignor.
Liese, H. H., and Brinkman, assignors.
Stacey, Ernest W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Waste-collecting system for rotary cutters. 2,371,321; Mar. 13.
Stackpole Carbon Company: *See*—
Kiefer, E. F., and Krellner, assignors.
Reiff, Vincent N., assignor.
Shobert, Erle I., II, assignor.
Shobert, E. I., II, Diehl, and Schutz, assignors.
Stacom, Matthew J., Flushing, assignor to Stacom Process Corporation, Long Island City, N. Y. Disintegrating cellulose-containing structures. 2,374,046; Apr. 17.
Stacom, Matthew J., Flushing, assignor to Stacom Process Corporation, Long Island City, N. Y. Preparation of nutritional and therapeutic concentrates. 2,374,047; Apr. 17.
Stacom Process Corporation: *See*—
Stacom, Matthew J., assignor.
Stacy, Robert G.: *See*—
Gaenssle, P. W., and Stacy.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Control for fluid operated motors. 2,367,241; Jan. 16.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Molding press. 2,367,242; Jan. 16.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Valve control for presses and the like. 2,376,519; May 22.
Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Hydraulic motor. 2,389,169; Nov. 20.
Stadelmann, Fritz: *See*—
Klingberg, E. G., Stadelmann, and Freund.
Stadler, Frank J., New York, N. Y. Dental x-ray film identifier. 2,390,397; Dec. 4.
Stadum, Clarence B.: *See*—
Smith, C. E., and Stadum.
Staehle, Henry C.: *See*—
Jelley, E. E., and Staehle.
Staehle, Henry C., E. E. Jelley, and D. E. Bennett, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Projection screen. 2,378,252; June 12.
Staelin, Carl G., Ottawa Hills, assignor to Owens-Corning Fiberglas Corporation. Apparatus for applying mats to battery plates. 2,373,082; Apr. 3.
Staff, Charles E.: *See*—
Stoops, W. N., Staff, and Wakefield.
Staff, Olof, Princess Bay, N. Y. Pipe clamping device. 2,388,371; Nov. 6.
Stafford, Charles E., Mira Loma, Calif. Container-opening tool. 2,389,648; Nov. 27.
Stafford, Jean C., Dayton, Ohio. High speed grinding spindle. 2,386,639; Oct. 9.
Stagmeier, Arthur F., Upper Montclair, N. J., assignor to General Foods Corporation, New York, N. Y. Container. 2,379,043; June 26.
Staheli, Paul, Arvida, Quebec, Canada. Apparatus for installing and removing electric-power lines. 2,374,048; Apr. 17.
Stahl, Albert L., Cupertino, Calif. Grabhook. 2,366,157; Jan. 2.
Stahl, Donald R., assignor to Metal Specialties Co., Inc., Milwaukee, Wis. Fuel stoker. 2,388,805; Nov. 13.
Stahl, Maurice D., assignor to The Hoover Company, North Canton, Ohio. Refrigeration drive. 2,373,609; Apr. 10.
Stahl, William F.: *See*—
Jamison, Everett S., assignor.
Stahl, William F., et al.: *See*—
Walliser, Robert E., assignor.
Stahl, William F., Evanston, Ill. Method and apparatus for forming bobbins and the like. 2,375,704; May 8.
Stahley, Eldon E., Baton Rouge, La., assignor, by mesne assignments, to Jasco, Incorporated. Refining process. 2,388,095; Oct. 30.
Stahley, Grant L., Columbus, Ohio, and W. W. Carlson, Pittsburgh, Pa., assignors to Chemical Developments Corporation, Dayton, Ohio. Soluble benzyl ether of dextran. 2,385,553; Sept. 25.
Stahly, Eldon E.: *See*—
Munday, J. C., and Stahly.
Voorhies, A., Jr., and Stahly.
Stahly, Eldon E., Pittsburgh, Pa., assignor to Standard Oil Development Company. Production of ethyl benzene. 2,373,062; Apr. 3.
Stahly, Eldon E., Pittsburgh, Pa., and L. E. Pirkle, Baton Rouge, La., assignors to Standard Oil Development Company. Isomerization of hydrocarbons. 2,373,063; Apr. 3.
Stahly, Eldon E., Pittsburgh, Pa., and F. B. Johnson, Baton Rouge, La., assignors to Standard Oil Development Company. Hydrocarbon polymerization process. 2,385,237; Sept. 18.
Stahly, Grant L., Columbus, Ohio, and W. W. Carlson, Pittsburgh, Pa., assignors to Chemical Developments Corporation, Dayton, Ohio. Soluble benzyl ether of dextran. 2,380,879; July 31.
Stahmer, Bernhardt, Omaha, Nebr. Control system. 2,379,837; July 3.
Staid, Irving J., Medford, and J. E. Murphy, Everett, Mass., assignors to Standard Oil Development Company. Refining of mineral oils. 2,370,819; Mar. 6.
Stair, Carlyle B., Downers Grove, Ill. Pneumatic hammer. 2,372,029; Mar. 20.
Staley, A. E., Manufacturing Company: *See*—
Meyer, Walter G., assignor.
Treadway, Robert H., assignor.
Staley, Allen C., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Instrument for indicating pressures suited to various speeds. 2,389,281; Nov. 20.
Staley, Jackson W: *See*—
Hooker, C. L., Jr., and Staley, assignors.
Staley, Russell U., Portland, Oreg. Mailbox. 2,367,696; Jan. 23.
Staley, Samuel S., Jr., Honolulu, Hawaii. Shingle. 2,373,718; Apr. 17.
Stalin, Harold, et al.: *See*—
Flynn, Thomas W., assignor.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Rotary wing aircraft. 2,372,030; Mar. 20.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,372,301; Mar. 27.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,377,386; June 5.
Stalker, Edward A., Ann Arbor, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,377,457; June 5.
Stalker, Edward A., Bay City, assignor to The Dow Chemical Company, Midland, Mich. Aircraft power plant. 2,382,343; Aug. 14.
Stalker, Edward A., Bay City, assignor to The Dow Chemical Company, Midland, Mich. Aircraft. 2,386,987; Oct. 16.
Stalker, Edward A., Ann Arbor, Mich. Aircraft. 2,388,806; Nov. 13.
Stalker, Edward A., Ann Arbor, Mich. Rotary wing aircraft. 2,389,170; Nov. 20.
Stalker, Edward A., Bay City, Mich. Torque converter. 2,389,826; Nov. 27.
Stalker, Tracy L., Flint, assignor to General Motors Corporation, Detroit, Mich. Chuck for small drills. 2,369,321; Feb. 13.
Stalkup, Alfred R., Coquille, Oreg. Electrode holder. 2,377,458; June 5.
Stallings, James W., Haddon Heights, N. J., assignor to Rohm & Haas Company, Philadelphia, Pa. Increasing the transparency of fabrics containing filament yarns. 2,368,948; Feb. 6.
Stallings, James W., Haddon Heights, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Treatment of cellulosic fibers. 2,390,032; Nov. 27.
Stallings, James W., Haddon Heights, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Fabric fire hose. 2,390,033; Nov. 27.
Stallmann, Frederick W., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pump. 2,390,814; Dec. 11.
Stam, Orville, assignor to Stam-O-Lite, Inc., Chicago, Ill. Signal light. 2,367,444; Jan. 16.
Staman, Robert K.: *See*—
Kress, O., Zeitlin, and Staman.
Stamberger, Paul, Philadelphia, Pa. Concentrating colloidal dispersions. 2,375,957; May 15.
Stamberger, Paul, Dover, Del. Production of water dispersions of drying oils, varnishes and lacquers. 2,391,041; Dec. 18.
Stamberger, Paul, Dover, Del. Production of solidifying thickened and solid masses from esters of unsaturated fatty acids. 2,391,042; Dec. 18.
Stamford Rubber Supply Company, The: *See*—
Posnansky, Karl W., assignor.
Stamm, Alfred J., and H. D. Turner, Madison, Wis., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successor in office. Molding. 2,391,489; Dec. 25.
Stamm, John J., Chester Heights, Pa., assignor to The Baldwin Locomotive Works. Variable speed control system. 2,371,555; Mar. 13.
Stamm, William G., Yonkers, N. Y. Boot or shoe hanger. 2,376,097; May 15.
Stam-O-Lite, Inc.: *See*—
Stam, Orville, assignor.
Stampen, Jacob J.: *See*—
Babson, H. B., and Stampen.

Stampleman, Samuel C., Cohasset, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,384,051; Sept. 4.
Standard Aircraft Products, Inc.: *See*—
Blair, Emile, assignor.
Standard Alcohol Company: *See*—
Donlan, Theodore R., assignor.
Standard Bleachery and Printing Company, The: *See*—
Brubaker, Carl H., assignor.
Standard Brands Incorporated: *See*—
Baxter, Thomas R., assignor.
Braun, G., and Breivik, assignors.
Freilich, J., and Frey, assignors.
Redfern, Sutton, assignor.
Schultz, A. S., Atkin, and Frey, assignors.
Stokes, W. E., and Barch, assignors.
Strandberg, Ray U., assignor.
Standard Cap & Seal Corporation: *See*—
Irwin, Oliver C., assignor.
Standard Catalytic Company: *See*—
Barr, Frank T., assignor.
Cloud, Gould H., assignor.
Holmes, August, assignor.
Holmes, A., and Roediger, assignors.
Lieber, E., and Hodges, assignors.
Linn, Norman F., assignor.
Murphree, E. V., Voorhies, Bonnell, and Tregre, assignors.
Voorhies, A., Jr., and Stahly, assignors.
Standard Conveyor Company: *See*—
Eggleston, Smith, assignor.
Standard-Knapp Corporation: *See*—
Ardell, Edgar, assignor.
Kimball, W. D., and Ardell, assignors.
Standard Machinery Company: *See*—
Grosser, Christian E., assignor.
Standard Oil Company: *See*—
Adams, C. E., and Shoemaker, assignors.
Arveson, Maurice H., assignor.
Brown, Henry T., assignor.
Burk, R. E., and Hughes, assignors.
Carmody, Don R., assignor.
Carmody, D. R., and Shoemaker, assignors.
Dickinson, J. T., Morfit, and Van Orden, assignors.
D'Ouville, E. L., and Everying, assignors.
Fragen, Nathan, assignor.
Gaynor, J. W., White, and Watson, assignors.
Gunness, Robert C., assignor.
Heard, Llewellyn, assignor.
Heard, L., Shankland, and Bailie, assignors.
Hilliker, William P., assignor.
Johnson, Everett A., assignor.
Kubicek, N. F., and Carpenter, assignors.
Lamb, George G., assignor.
Mixon, Lawson W., and Loane, assignors.
Oblad, A. G., and Heard, assignors.
Payne, Donald E., assignor.
Pitzer, Edgar C., assignor.
Proell, Wayne A., assignor.
Shoemaker, B. H., and D'Ouville, assignors.
Snuggs, John F., assignor.
Voorhees, Vanderveer, assignor.
Voorhees, V., and Watts, assignors.
Wallace, J. S., and Sharp, assignors.
Standard Oil Company et al.: *See*—
Becker, Sam B., assignor.
Standard Oil Company of California: *See*—
Elliott, Laverne P., assignor.
Farrington, Bruce B., assignor.
Neely, G. L., and Kavanagh, assignors.
Standard Oil Company, The: *See*—
Adams, Chester E., assignor.
Adams, E. W., and Flint, assignors.
Adams, E. W., and MacLaren, assignors.
Anderson, John A., assignor.
Arveson, Maurice H., assignor.
Bailie, James C., assignor.
Bailie, J. C., and See, assignors.
Becker, S. B., and Arveson, assignors.
Burk, Robert E., assignor.
Burk, R. E., and Hughes, assignors.
Burk, R. E., and Lankelma, assignors.
Carpenter, M. T., and Feuchter, assignors.
Conn, Arthur L., assignor.
Cornforth, Robert M., assignor.
Dickinson, J. T., Wickham, and Morfit, assignors.
D'Ouville, E. L., and Evering, assignors.
D'Ouville, E. L., and Oblad, assignors.
Edmister, Wayne C., assignor.
Gray, Worth, assignor.
Grubb, Henry M. and Tucker, assignors.
Gunness, Robert C., assignor.
Hemminger, Charles E., assignor.
Hughes, Everett C., assignor.
Hughes, E. C., and Scovill, assignors.
Jaeger, Robert W., assignor.
Jahn, F. P., and Oblad, assignors.
Johnson, Everett A., assignor.
Layng, E. T., and Payne, assignors.
Loane, Clarence M., assignor.
Mixon, Lawson W., assignor.
Mixon, L. W., and Loane, assignors.
Monro, Donald A., assignor.
Standard Oil Company, The: *See*—Continued
Musselman, John M., assignor.
Nysewander, C. W., and Fragen, assignors.
Page, James M., Jr., assignor.
Oblad, Alex G., assignor.
Peterson, H. R., and MacLaren, assignors.
Proell, W. A., and Ovitz, assignors.
Rhodes, H. D., and Watson, assignors.
Sharp, Thomas E., assignor.
Shoemaker, Bernhard H., assignor.
Shoemaker, B. H., and D'Ouville, assignors.
Sutton, M., and Nysewander, assignors.
Voorhees, Vanderveer, assignor.
Voorhees, V., and Webb, assignors.
Watts, George W., assignor.
Weitkamp, Alfred W., assignor.
Standard Oil Development Company: *See*—
Anderson, James A., Jr., assignor.
Arundale, Erving, assignor.
Arundale, E., and Mikeska, assignors.
Atkins, George T., Jr., assignor.
Baldeschwieler, E. L., and Gaylor, assignors.
Beerbower, A., and Zimmer, assignors.
Bishkin, Sam L., assignor.
Blanding, Forrest H., assignor.
Bowerman, Ernest W., assignor.
Buc, Hyym E., assignor.
Buc, H. E., and Muessig, assignors.
Buchan, R. C., and McGee, assignors.
Burk, R. E., and Walsh, assignors.
Byrd, Edwin E., assignor.
Campbell, Donald L., assignor.
Campbell, D. L., and Martin, assignors.
Carlsmith, L. E., and Ogorzaly, assignors.
Cato, A. Q., Wash, and Shmidl, assignors.
Cohen, Charles A., assignor.
Connolly, Gerald C., assignor.
Darley, Ralph E., assignor.
Dawson, Oliver H., assignor.
Dawson, Oliver H. P., assignor.
Dill, Gilbert D., assignor.
Dismukes, Newton B., assignor.
Donahue, John E., assignor.
Donlan, Theodore R., assignor.
Donlan, T. R., and Gathman, assignors.
Dresser, Myron A., assignor.
Duncan, Gordon W., assignor.
Eby, Lawrence T., assignor.
Eckel, John E., assignor.
Ellis, Carleton, assignor.
Evans, H. C., and Young, assignors.
Fasce, Egi V., assignor.
Ferguson, Frank A., assignor.
Fischer, Herbert G. M., assignor.
Floyd, C. M., and Fram, assignors.
Frosch, Alex, assignor.
Fulton, S. C., and Cross, assignors.
Fulton, S. C., and Kearby, assignors.
Gaylor, Peter J., assignor.
Gilbert, George R., assignor.
Gleason, Anthony H., assignor.
Gleason, A. H., and Sparks, assignors.
Gray, George R., assignor.
Guichet, Jules J., assignor.
Guyer, Walter R. F., assignor.
Gwin, Gilmore T., assignor.
Hall, Homer J., assignor.
Hall, Ike D., assignor.
Harding, Clarke T., assignor.
Harrington, Paul J., assignor.
Haynes, Cecil J., assignor.
Hederhorst, Fred, assignor.
Heigl, John J., assignor.
Hemminger, Charles E., assignor.
Hewlett, A. P., and Phillips, assignors.
Hibshman, H. J., and Knox, assignors.
Hillman, C. A., and Campbell, assignors.
Hocott, Claude R., assignor.
Hodgeson, Willie W., assignor.
Holder, Clinton H., assignor.
Horeczy, Joseph T., assignor.
Howell, Lynn G., assignor.
Hubbard, Bela, assignor.
Jones, Minor C. K., assignor.
Jones, W. C., and Shewell, assignors.
Kean, Clare H., assignor.
Kearby, Kenneth K., assignor.
Kellogg, H. B., and Frolich, assignors.
Kimberlin, Charles N., Jr., assignor.
Kohler, Henry F., assignor.
Kollenberg, Conrad H., assignor.
Kuhl, Paul E., assignor.
Lewis, Warren K., assignor.
Lieber, Eguene, assignor.
Lieber, E., and Cashman, assignors.
Lieber, E., and Dean, assignors.
Lieber, E., and Rice, assignors.
Lieber, E., and Thorner, assignors.
Lillard, J. G., and Pfennig, assignors.
Linn, Norman F., assignor.
Linn, N. F., and Tongberg, assignors.
Lobdell, Prentiss, assignor.
Ludi, W. C., and Fry, assignors.

Standard Oil Development Company: *See*—Continued
Lynch, Charles S., assignor.
Marancik, J. V., and Martin, assignors.
Marsh, Nat H., assignor.
Martin, Homer Z., assignor.
Mason, Ralph B., assignor.
Mateer, G. L., and George, assignors.
Mathiasen, Roy L., assignor.
McCulloch, Thomas B., assignor.
McNab, J. G., and Watkins, Jr., assignors.
McNab, J. G., Wilson, and Winning, assignors.
Meier, Herbert H., assignor.
Meinert, Richard N., assignor.
Mikeska, Louis A., assignor.
Miller, Pharis, assignor.
Miller, P., and Cloud, assignors.
Morrell, C. E., and Swaney, assignors.
Morway, A. J., and Zimmer, assignors.
Mottern, Henry O., assignor.
Mounce, Whitman D., assignor.
Mullane, John J., assignor.
Munday, John C., assignor.
Munday, J. C., and Stahly, assignors.
Nelson, J. F., and Mikeska, assignors.
Nicholson, Edward W. S., assignor.
Noble, Frank G., assignor.
Noel, Henry M., assignor.
Ogorzaly, Henry J., assignor.
Orr, Willis P., assignor.
Packie, J. W., and Bittner, assignors.
Packie, J. W., and Gibbs, assignors.
Parker, Paul T., assignor.
Patterson, John A., assignor.
Patterson, J. A., and Ozol, assignors.
Paulsen, Henry C., assignor.
Peck, Edward B., assignor.
Perry, Stephen F., assignor.
Phillips, Gerald E., assignor.
Read, Chester L., assignor.
Reeves, Edward D., assignor.
Reistle, Carl E., Jr., assignor.
Reswick, Maurice, assignor.
Roberts, Robert J., assignor.
Robertson, Anthony E., assignor.
Roediger, Joseph C., assignor.
Rosen, R., and Arundale, assignors.
Rudel, Harry W., assignor.
Russell, Francis R., assignor.
Russell, Francis S., assignor.
Schiller, James C., assignor.
Schonberg, Jackson R., assignor.
Schonberg, J. R., and Given, assignors.
Schumacher, F. W., and Ferguson, assignors.
Schutze, Henry G., assignor.
See, Melvin J., assignor.
Selensky, John A., assignor.
Serniuk, George E., assignor.
Sewell, Benjamin W., assignor.
Shipley, G. H., Jr., and Franklin, assignors.
Simpson, James, assignor.
Singleton, Henry M., assignor.
Singleton, H. M., and McCulloch, assignors.
Smith, B. I., and Donahue, assignors.
Smith, Joseph A., assignor.
Spicer, W. E., and Watts, assignors.
Stahly, Eldon E., assignor.
Stahly, E. E., and Johnson, assignors.
Stahly, E. E., and Pirkle, assignors.
Staid, I. J., and Murphy, assignors.
Strickland, Barney R., assignor.
Sullivan, R. J., and Miller, assignors.
Sweeney, William J., assignor.
Thomas, R. M., and Reynolds, assignors.
Thomas, R. M., and Sparks, assignors.
Traxler, J. G., and John.
Tyson, Charles W., assignor.
Wadley, Edward F., assignor.
Walker, James L., assignor.
Weeks, R. L., and Belden, assignors.
Welty, Albert B., Jr., assignor.
Willauer, E. E., and Jones, assignors.
Williams, P. S., and Kriegel, assignors.
Wilson, James A., assignor.
Wright, Donald L., assignor.
Wrightsman, G. G., and Buckley, assignors.
Wurth, Walter A., assignor.
Young, David W., assignor.
Zimmer, John C., assignor.
Zimmer, J. C., and McNulty, assignors.
Zimmer, J. C., and Morway, assignors.

Standard Products Company, The: *See*—
Bascom, Roger C., assignor.
Friderici, Wayne J., assignor.
Hughes, Everett C., assignor.
Husted, Harry A., assignor.
Weigel, Daniel M., assignor.

Standard Railway Equipment Manufacturing Company: *See*—
Bonsall, Charles D., assignor.
Gilpin, Garth G., assignor.
Nystrom, Karl F., assignor.
Swann, James S., assignor.
Tangerman, William J., assignor.

Standard Register Company, The: *See*—
Bickel, Bruce T., assignor.
Davidson, John T., assignor.
Davidson, J. T., and Bickel, assignors.
Hiles, P. M., assignor.
Lee, Robert E., assignor.
Metzner, Albert W., assignor.

Standard Steel Spring Company: *See*—
Schoonmaker, J. M., Jr., and Stockton, assignors.

Standard Steel Works: *See*—
Wills, Marion C., assignor.

Standard Stoker Company, Incorporated, The: *See*—
Davison, Charles R., assignor.

Standard Telephones and Cables Limited: *See*—
Ambrose, Dermot M., assignor.
Atkinson, Alan B., assignor.
Bates, Ernest F., assignor.
Chatterjea, P. K., and Houghton, assignors.
Chatterjea, P. K., and Scully, assignors.
Ewen, Alfred W., assignor.
Fortescue, Richard L., assignor.
Foulkes, Christopher H., assignor.
Gilliver, Gilbert, assignor.
Handley, John, assignor.
Hartley, George C., assignor.
Maddock, Alan J., assignor.
McWhirter, E. M. S., and Dunn, assignors.
Scully, Charles T., assignor.
Thornton, A. M., and Baly, assignors.
Ward, George L., assignor.
Wildbore, Wilfred J. L., assignor.

Standing, James A., Detroit, Mich. Steam generator. 2,384,704; Sept. 11.

Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rotary assemblage. 2,374,244; Apr. 24.

Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Clearing mechanism for the work-supports of fastening-inserting machines. 2,387,305; Oct. 23.

Standish, John W., Saugus, Mass., assignor to General Electric Company. Machine for making recesses in steel tool shanks. 2,372,531; Mar. 27.

Staneslow, Bernard J., Niagara Falls, N. Y., assignor to Moore Business Forms, Inc. Safety record paper. 2,382,828; Aug. 14.

Stanfield, Rowland S., Plainfield, and L. W. Doolan, Jr., Cranford, assignors to Tide Water Associated Oil Company, Bayonne, N. J. Catalytic converter. 2,376,629; May 22.

Stangle, William H., deceased, by Citizens Trust & Savings Bank, Evansville, Ind., administrator, assignor to Servel, Inc., New York, N. Y. Stationary broiling rack. 2,386,070; Oct. 2.

Stangle, William H., deceased, Evansville, Ind., by Citizens Trust & Savings Bank of Evansville, Ind., administrator, assignor to Servel, Inc., New York, N. Y. Rotatable broiling apparatus. 2,387,621; Oct. 23.

Stanier, Andrew F., assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray tube. 2,372,455; Mar. 27.

Stankey, George E.: *See*—
Rose, J. C., and Stankey.

Stanko, Edward, Haddon Heights, N. J., assignor to Radio Corporation of America. Electrical connector for loud-speakers and the like. 2,379,664; July 3.

Stanley, Carroll M., Summit, N. J., assignor to Oliver United Filters Incorporated, Oakland, Calif. Continuous industrial filter. 2,377,189; May 29.

Stanley, Edmund, C. S. Argyle, and H. C. Olpin, Spondon, near Derby, assignors to British Celanese Limited, London, England. Colored material. 2,383,995; Sept. 4.

Stanley, Herbert M., Tadworth, and W. A. Smart, Epsom, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Separation of reaction mixtures containing aldehydes. 2,372,031; Mar. 20.

Stanley, Herbert M., Tadworth, and J. E. Youell, Wallington, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of vinyl halides. 2,374,237; Apr. 24.

Stanley, Kenneth, North Hollywood, Calif., assignor, by mesne assignments, to Lockheed Aircraft Corporation. Connector wrench. 2,386,011; Oct. 2.

Stanley, Leopold G., Maplewood, N. J. Utility case. 2,368,687; Feb. 6.

Stanley, Paul H., Huntingdon Valley, assignor to Autogiro Company of America, Philadelphia, Pa. Blade structure for aircraft sustaining rotors. 2,388,879; Nov. 13.

Stanley, Richard W., Drexel Hill, and H. J. McDermott, Prospect Park, Pa., assignors to American Viscose Corporation, Wilmington, Del. Liquid treatment of filamentary material. 2,377,655; June 5.

Stanley, Robert H.: *See*—
Bremner, J. G. M., Stanley, Jones, and Taylor.
Smith, A. E. W., Scaife, and Stanley.
Wilder, A. E. W., Stanley, and Scaife.

Stanley, Sidney J., and J. E. Welch, Sr., Turtletown, Tenn. Flux retriever. 2,390,560; Dec. 11.

Stanley Steam Motors Corporation: *See*—
Doble, Abner, assignor.

Stanly, Albert L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Preparing an improved motor fuel. 2,369,497; Feb. 13.
Stanolind Oil and Gas Company: *See*—
Clark, Joseph B., assignor.
Cloud, Raymond T., assignor.
Dunn, Thomas H., assignor.
Roper, Edwin E., assignor.
Sanders, Clyde S., assignor.
Sanderson, Robert T., assignor.
Sharpe, Joseph A., assignor.
Silverman, Daniel, assignor.
Stuart, Robert W., assignor.
Sturgis, Henry F., assignor.
Sweet, Reginald C., assignor.
Stansbury, Carroll: *See*—
Nelson, E. H., and Stansbury.
Stanton, Arthur J., Bethesda, Md., and E. F. Campbell, Springfield, Va. Hoisting mechanism. 2,387,777; Oct. 30.
Stanton, Frank N., New York, N. Y., assignor to W. D. Horn, Iowa City, Iowa. Program spotter mechanism and utilizing same. 2,373,511; Apr. 10.
Stanton, George S., Kansas City, Mo. Navigational aid. 2,390,622; Dec. 11.
Stanton, Samuel J., assignor to Patents Promotions Corporation, Chicago, Ill. Cam hinge combination. 2,385,738; Sept. 25.
Stanton, Walter O., assignor to O. E. Rosen, Detroit, Mich. Valve operating means. 2,380,904; July 31.
Stanworth, John E., Sheffield, England, assignor to General Electric Company. Phosphate glass. 2,390,191; Dec. 4.
Stanzel, George A., Des Moines, Iowa. Self-starting constant pressure internal-combustion engine. 2,379,838; July 3.
Staples, Crawford E.: *See*—
Bone, H. L., and Staples.
Talbert, H. A., and Staples.
Staples, Elliot M., Hohokus, N. J., E. R. Taylor, Pelham Manor and H. J. Michael, Astoria, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,388,347; Nov. 6.
Staples, Julian P., Mount Lebanon, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Sealing container. 2,390,561; Dec. 11.
Stapleton, Charles A., Omak, Wash. Clothespin. 2,366,816; Jan. 9.
Stapleton, George M., Sea Cliff, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,377,726; June 5.
Stapleton, George M., Sea Cliff, N. Y., assignor to Ward Leonard Electric Company. Electromagnetic device. 2,391,277; Dec. 18.
Stapleton, George M., New York, N. Y., assignor to Ward Leonard Electric Company. Electric switch. 2,378,162; June 12.
Stapleton, Theon O., Hibbing, Minn. Sampling device. 2,387,306; Oct. 23.
Stapling Machines Co.: *See*—
Woodbury, Glen P., assignor.
Star Engineering Company: *See*—
Buthe, Henry, assignor.
Starck, Clemens B.: *See*—
Capstaff, J. G., Nadeau, and Starck.
Stareck, Jesse E., Oakville, and F. Passalacqua, now by judicial change of name, F. Passal, Waterbury, Conn., assignors to United Chromium, Incorporated, New York, N. Y. Depositing copper and baths for use therein. 2,383,895; Aug. 28.
Sta-Rite Ginnie-Lou, Inc.: *See*—
Bolinger, George N., assignor.
Stark, Alfred A.: *See*—
Stoffel, L. L., and Stark.
Stark, Donald A., Willoughby, Township, Lake County, assignor to The Parker Appliance Company, Cleveland, Ohio. Valve assembly. 2,371,657; Mar. 20.
Stark, Donald A., Willoughby Township, Lake County, assignor to The Parker Appliance Company, Cleveland, Ohio. High pressure shutoff valve. 2,391,278; Dec. 18.
Stark, Donald E.: *See*—
Stark, Rawson E. and D. E.
Stark, Henry M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium liquor hydrolysis. 2,369,262; Feb. 13.
Stark, Rawson E. and D. E., Greensburg, Pa., assignors to Stupakoff Ceramic & Manufacturing Co. Variable intensity light signaling apparatus. 2,389,649; Nov. 27.
Stark, William H.: *See*—
Blankmeyer, H. C., and Stark.
Starkweather, Howard W.: *See*—
Calcott, W. S., and Starkweather.
Starkweather, Howard W., Westover Hills, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing chloroprene in the presence of sulphur dioxide and product thereof. 2,371,719; Mar. 20.
Starkweather, Howard W., New Castle County, Del., and F. N. Wilder, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding composition comprising very plastic polymers of chloroprene and the like. 2,385,739; Sept. 25.
Starn, Gleason W., Meadville, Pa. Grinding wheel dressing device. 2,377,822; June 5.
Starneno, Joseph, Providence, R. I. Spring wheel. 2,375,705; May 8.
Starner, Herbert P., Scarsdale, N. Y. Making flame-coloring articles. 2,373,512; Apr. 10.
Starner, Irving F., Belmont, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Platform sole for footwear. 2,367,808; Jan. 23.
Starr, Frank M., Schenectady, N. Y., assignor to General Electric Company. Protective arrangement. 2,376,201; May 15.
Starr, John H., Mayville, assignor to The Van Brunt Manufacturing Co., Horicon, Wis. Grain drill. 2,383,693; Aug. 28.
Starr, Raymond H., Kansas City, Mo. Refrigerating apparatus. 2,370,267; Feb. 27.
Starret, Howard A., U. S. Army. Power line. 2,375,258; May 8.
Stars On Stripes Games Co., Inc.: *See*—
Trimble, James R., assignor.
Start, Ernest: *See*—
Start, Harry W. and E.
Start, Harry W., Carlton, and E. Start, Wilford, England. Straight-bar knitting machine. 2,367,972; Jan. 23.
Start, Harry W., Carlton, and E. Start, Wilford, England. Straight-bar knitting machine. 2,371,931; Mar. 20.
Start, Harry W., Carlton, and E. Start, Wilford, England. Automatic welt turning mechanism of straight-bar knitting machines. 2,371,932; Mar. 20.
Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,370,501; Feb. 27.
Stastney, Ladislav, Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Core winding apparatus. 2,382,451; Aug. 14.
Statia, Edwin V., Sr., Royal Oak, assignor of one-half to E. L. Chapman, Detroit, Mich. Measuring instrument. 2,376,458; May 22.
Stationers Loose Leaf Company: *See*—
Lotter, Adolph G., assignor.
Statler, Walter H., and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Car truck. 2,386,577; Oct. 9.
Stator Corporation: *See*—
Tibbetts, Raymond W., assignor.
Staub, Alfred: *See*—
Martin, H., Hirt, and Staub.
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.
Staud, Cyril J.: *See*—
Jackel, E. C., Leermakers, and Staud.
Staud, Cyril J., assignor to Eastman Kodak Company, Rochester, N. Y. Retarding diffusion of sensitizing dyes. 2,376,202; May 15.
Staud, Cyril J., assignor to Eastman Kodak Company, Rochester, N. Y. Making images on metal plates. 2,382,674; Aug. 14.
Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Oxidation of unsaturated aldehydes. 2,377,584; June 5.
Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of condensation products of acetylene. 2,377,585; June 5.
Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of acetic acid. 2,379,760; July 3.
Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and C. A. Brighton, Ewell, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. 2,381,561; Aug. 7.
Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of condensation products of acetylene. 2,381,701; Aug. 7.
Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Concentration of aqueous acetic acid. 2,382,181; Aug. 14.
Staudinger, Hanns P., Ewell, K. H. W. Tuerck, Banstead, and E. H. Brittain, Epsom Downs, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of polymerizable unsaturated acids. 2,386,365; Oct. 9.
Stauffer Chemical Company: *See*—
Belchetz, Arnold, assignor.
Davies, Newell A., assignor.
Metzner, Ernest K., assignor.
Mohr, Albert C., assignor.
Staunton, Le Roy W.: *See*—
Yates, Wm. H., and Staunton.
Stauss, Henry E.: *See*—
Crouch, H. W., and Stauss.
Stava, Robert J.: *See*—
Goldfield, E. R., Schiring, and Stava.
Stavely, Frederick W., K. L. Edgar, and S. W. Hoffmann, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Fuel tank. 2,381,400; Aug. 7.
Steans, Lionel H.: *See*—
Andrews, E. R., and Steans.

Stearn, William T., Cumberland, Md., assignor to Celanese Corporation of America. Cone winder guide. 2,390,669; Dec. 11.
Stearns, Charles F.: *See*—
Currie, F. L., and Stearns.
Stearns, Harry C., assignor to Products Development, Inc., Chicago, Ill. High-pressure vessel. 2,372,800; Apr. 3.
Stearns, Harry C., assignor to Products Development, Inc., Chicago, Ill. High-pressure vessel. 2,376,831; May 22.
Stearns Magnetic Mfg. Co.: *See* —
Stearns, R. H., and Broetzmann, assignors.
Stearns, Roswell H., Wauwatosa, and C. F. Broetzmann, assignors to Stearns Magnetic Mfg. Co., Milwaukee, Wis. Magnetic separator. 2,380,342; July 10.
Steccone, Ettore, Oakland, Calif. Securing elastic strips in supports. 2,376,098; May 15.
Stechbart, Bruno, Park Ridge, assignor to The Bell & Howell Company, Chicago, Ill. Folding stand. 2,388,192; Oct. 30.
Stechbart, Bruno, Park Ridge, and E. E. Strauss, Wilmette, assignors to The Bell & Howell Company, Chicago, Ill. Slide projector apparatus. 2,375,706; May 8.
Steckler, Nat P., New York, N. Y. Child's growing record chart. 2,369,988; Feb. 20.
Steckler, Nat P., New York, N. Y. Bottle closure. 2,385,114; Sept. 18.
Stedman, Russell F.: *See*—
Friedman, B. S., and Stedman.
Stee, Ernest C., Bismarck, N. Dak. Electric plug. 2,390,852; Dec. 11.
Steeb, George, Buffalo, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective relay system. 2,372,134; Mar. 20.
Steel, John D., Fort Worth, Tex. Grenade. 2,372,689; Apr. 3.
Steel, John D., Fort Worth, Tex. Grenade releasing apparatus. 2,379,383; June 26.
Steele, Alexis P., Sr., Statesville, N. C. Motor vehicle. 2,375,046; May 1.
Steele, Archie A., Los Angeles, Calif. Boat hull. 2,371,478; Mar. 13.
Steele, Doty M., Los Angeles, Calif. Assayer's scale. 2,381,086; Aug. 7.
Steele, Doty M., Los Angeles, Calif. Cupel muffle. 2,383,353; Aug. 21.
Steele, Frederick I.: *See*—
Eiss, C. R., and Steele.
Steele, Louise A., Los Angeles, Calif. Mechanical calculator of geographical position from celestial observations. 2,374,788; May 1.
Steel Heddle Manufacturing Company: *See*—
Hilton, George, assignor.
Kaufmann, Frank H., assignor.
Kaufmann, John J., assignor.
Steel Ingot Production, Inc.: *See*—
Lindemuth, Lewis B., assignor.
Steel Products Engineering Company, The: *See*—
Scholl, Clark, assignor.
Steen, Vernon E., Kansas City, Mo. Cream separating device for milk containers. 2,369,322; Feb. 13.
Steenbock, Fred W., Sylvan Grove, and W. P. Naegele, Lucas, Kans. Reaming and honing device. 2,366,158; Jan. 2.
Steeneck, Robert, assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph tape transmitter. 2,377,978; June 12.
Steffanson, Anne Y., now by judicial decree A. McB. Yandell, New York, N. Y. Stocking foot. 2,376,398; May 22.
Steffens, Robert N., New York, N. Y. Making thermoplastic joints. 2,379,500; July 3.
Steffens, Robert N., New York, N. Y. Apparatus for making thermoplastic joints. 2,389,560; Nov. 20.
Steffens, Walter L., and L. E. Whitaker, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Collapsible air conduit. 2,371,556; Mar. 13.
Stegeman, Raymond F. E.: *See*—
Brandt, J. F., and Stegeman.
Stegeman, Raymond F. E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical instrument. 2,369,761; Feb. 20.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens mount. 2,373,610; Apr. 10.
Stegeman, Raymond F. E., Greece, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Magnifying device. 2,389,282; Nov. 20.
Stegman, Raymond V.: *See*—
Lawson, E. L., and Stegman.
Steibel, James P., and S. Martinson, Racine, Wis. Measuring device. 2,391,075; Dec. 18.
Steiding, John B.: *See*—
Elvin, W. J., and Steiding.
Steigerwald, Libera L., Chicago, Ill. Bedcover. 2,374,712; May 1.
Stein, Elmer L., assignor of one-third to R. Kaczmarek, and one-third to H. F. Johnson, Milwaukee, Wis. Sealing method. 2,388,770; Nov. 13.
Stein, Gustav A., Plainfield, and W. J. Moran, Jr., Cranford, assignors to Merck & Co., Inc., Rahway, N. J. Production of tungstic acid. 2,368,580; Jan. 30.
Stein, Hall & Co. Inc.: *See*—
Bauer, Hans F., assignor.
Fenn, James E., assignor.
Gardner, Herbert F., assignor.
Stein, Hall & Company, Inc.: *See*—
Griffin, I. L., Truax, and Nuttall, assignors.
La Piana, F. G., and Bosland, assignors.
Stein, Irving M., assignor to Leeds and Northrup Company, Philadelphia, Pa. Recording apparatus. 2,389,827; Nov. 27.
Stein, Sara, Brooklyn, N. Y. Foundation garment bust pocket. 2,380,199; July 10.
Stein, William, Plano, and R. J. Wolf, assignor to Sears Roebuck and Co., Chicago, Ill. Spout. 2,367,809; Jan. 23.
Steinbock, Hans, Dusseldorf-Gerresheim, Germany; vested in the Alien Property Custodian. Binders for glass fiber threads. 2,371,933; Mar. 20.
Steinel, George E., Barberton, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Proofing tubes. 2,381,383; Aug. 7.
Steiner, Edward C., Oklahoma City, Okla., assignor to Wright Aeronautical Corporation. True motion connecting rod. 2,390,623; Dec. 11.
Steiner, Hans, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Free-piston internal-combustion engine. 2,383,625; Aug. 28.
Steiner, Hans, assignor to Sulzer Freres, Société Anonyme, Winterthur, Switzerland. Cylinder for internal-combustion engines. 2,383,626; Aug. 28.
Steiner, Harold K., Milwaukee, Wis., assignor to The Union Switch and Signal Company, Swissvale, Pa. Electric lock. 2,390,885; Dec. 11.
Steiner, John E., Cambridge, Minn., assignor to Hercules Powder Company, Wilmington, Del. Drying material. 2,383,694; Aug. 28.
Steiner, Louis, New York, and P. Settecasi, Brooklyn, N. Y., assignors, by mesne assignments, to Assets Realization Co. Article dispensing device. 2,379,501; July 3.
Steiner, Oscar: *See*—
Gorey, A. H., Nadel, Nitsch, and Steiner.
Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Flashlamp supporting and ejecting means. 2,371,479; Mar. 13.
Steiner Sales Company: *See*—
Walker, Glen, assignor.
Steiner, Waldo L.: *See*—
Lincoln, B. H., Byrkit, and Steiner.
Steinert, Emil F., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Movable core alternating current arc welder. Re. 22,609; Feb. 27.
Steinhoff, John R., Washington, D. C., Apparatus for sonic detection. 2,376,730; May 22.
Steinhorst, Theodore, et al., trustees: *See*—
Emerson, Arthur J., assignor.
Steinle, Leo C., Wimbledon, London, and C. H. Hanwell, Cogenhoe, England. Screw-thread generating method. 2,367,973; Jan. 23.
Steinle, Leo C., Wimbledon, London, S. W. 19, and C. H. Hanwell, Cogenhoe, England. Shaft bearing. 2,388,503; Nov. 6.
Steinle, Leo E.: *See*—
Kirby, W. G., and Steinle.
Steinmayer, Alwin G., assignor to Line Material Company, Milwaukee, Wis. Lamp adapter and receptacle. 2,385,478; Sept. 25.
Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Cutout. 2,390,670; Dec. 11.
Steinmetz, Harry G., Port Chester, assignor to E. V. Hadley, New York, N. Y. Drawing roll cleaning machine. 2,385,039; Sept. 18.
Steinmetz, Harry G., Port Chester, assignor to E. V. Hadley, New York, N. Y. Machine for applying strips of material to curved surfaces. 2,390,398; Dec. 4.
Steinmetz, Walter C., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Portable loader. 2,387,189; Oct. 16.
Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Air purifying and conditioning system. 2,383,423; Aug. 21.
Steinway & Sons: *See*—
Schutz, Michael, assignor.
Stellin, Domnic V., Bronx, N. Y. Interchangeable punch and die and retainer for same. 2,308,343; July 10.
Stellin, Domnic V., Bronx, N. Y. Interchangeable punch and die and retainer for same. 2,382,267; Aug. 14.
Stellin, Domnic V., New York, N. Y. Interchangeable punch and die and retainer for same. 2,378,806; June 19.
Stelnicki, John: *See*—
Hanak, Frank J., assignor.
Steltenpohl, William R.: *See*—
Webb, Cecil E., assignor.
Stelzel, Roderick W., East Orange, assignor to Bendix Aviation Corporation, Bendix, N. J. Fuel injection. 2,387,690; Oct. 23.
Stelzer, Earl E., Springfield, Ohio, assignor to The Parker Pattern & Foundry Company. Bearing extractor. 2,373,064; Apr. 3.
Stelzer, William, Detroit, Mich. Braking system. 2,373,272; Apr. 10.

Stelzer, William, Detroit, Mich. Hydraulic brake. 2,382,268; Aug. 14.
Stelzer, William, Detroit, Mich., assignor to Stoffel Seals Company, Incorporated, New York, N. Y. Seal. 2,371,414; Mar. 13.
Stelzer, William, Detroit, Mich., assignor, by mesne assignments, to Stoffel Seals Company, Incorporated, New York, N. Y. Sealing machine. 2,385,951; Oct. 2.
Stelzer, William, Summit, N. J. Brake. 2,375,392; May 8.
Stelzer, William, Summit, N. J. Brake. 2,377,277; May 29.
Stelzer, William, Summit, N. J. Brake. 2,385,168; Sept. 18.
Stelzer, William, East Orange, N. J. Hydraulic brake booster. 2,381,989; Aug. 14.
Stemar Displays Company: *See*—
Einzig, Henry, assignor.
Stemmler, Hans, and K. Kunzi, assignors to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhouse, Switzerland. Molding machine. 2,376,203; May 15.
Stempel, Laszlo M., Coraopolis, assignor to The Lithograph Press Manufacturing Company, Pittsburgh, Pa. Printing element attaching device. 2,388,193; Oct. 30.
Stengel, Leonard A., and F. E. Maple, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst and process for producing polyhydroxy compounds. 2,381,316; Aug. 7.
Stenger, Victor R.: *See*—
Dour, N. F., and Stenger.
Stenglein, Karl, Saginaw, Mich. Packaging apparatus. 2,376,289; May 15.
Stenhammer, Harold T., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Selector switch. 2,372,801; Apr. 3.
Stenhammer, Harold T., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Telephone system. 2,384,775; Sept. 11.
Stenhammer, Harold T., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Impulse sender. 2,389,695; Nov. 27.
Stenmark, George A.: *See*—
Hearne, G. W., and Stenmark, assignors.
Stenning Luis C.: *See*—
Bligh, N. R., Heller, and Stenning.
Stenographic Machines, Inc.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright, assignors.
Stentz, Ezekiel W., Shelby, Ohio. Adjustable electric gate. 2,376,630; May 22.
Stenwall, Robert, Newaygo, assignor to Muskegon Piston Ring Company, Muskegon, Mich. Ring shaping machine. 2,384,705; Sept. 11.
Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Adjusting device. 2,379,839; July 3.
Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Pump. 2,383,424; Aug. 21.
Stepanoff, Alexey J., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Pump for fuel systems. 2,388,939; Nov. 13.
Stephan, Ingo L., Delanco, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Drive for home recorders. 2,378,509; June 9.
Stephano Brothers: *See*—
Stephano, C. S., and Brightwell, assignors.
Stephano, Constantine S., Elkins Park, and R. R. Brightwell, assignors to Stephano Brothers, Philadelphia, Pa. Folding mechanism. 2,375,144; May 1.
Stephen, Samuel P., Denver, Colo. Four wheel drive assembly for trucks. 2,367,151; Jan. 9.
Stephen, William E.: *See*—
Knight, A. H., and Stephen.
Stephens, Fred J., Park Ridge, Ill., and W. T. Tillotson, Huntington Park, Calif., assignors to United States Gypsum Company, Chicago, Ill. Fixture holder for roll roofing. 2,375,502; May 8.
Stephens, Henry M., Montgomery, W. Va. Mining cutter bit. 2,379,044; June 26.
Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Electrical induction apparatus. 2,374,049; Apr. 17.
Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Electrical apparatus. 2,381,782; Aug. 7.
Stephens, Lee O.: *See*—
Roberts, John F., assignor.
Stephens, Leslie A., Hudson, and I. W. Lederer, Lakewood, Ohio. Recapping vehicle tires. 2,382,269; Aug. 14.
Stephens, Russell D., assignor to The Murray Corporation of America, Detroit, Mich. Metalworking tool. 2,378,871; June 19.
Stephens, Thomas J., et al.: *See*—
Ludwig, Frederick W., as trustee.
Stephens, Thomas J., New York, N. Y. Liquid fuel feed control. 2,381,372; Aug. 7.
Stephens, Thomas J., New York, N. Y., assignor to F. W. Ludwig, as trustee for the benefit of T. J. Stephens, H. A. Rudkin, and F. W. Ludwig. Roasting vegetable material. 2,388,298; Nov. 6.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Apparatus for controlling fluid pressure. 2,377,278; May 29.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic coupling. 2,382,114; Aug. 14.
Stephens, William T., assignor to Hydraulic Control Engineering Company, Cleveland, Ohio. Hydraulic fluid motor. 2,391,360; Dec. 18.
Stephenson, Arthur E., et al.: *See*—
Johnson, Clarence D., assignor.
Stephenson, Eugene A., assignor to The University of Kansas Research Foundation, Lawrence, Kans. Treating oil wells. 2,377,529; June 5.
Stephenson, Eugene A., assignor to The University of Kansas Research Foundation, Lawrence, Kans. Treating oil wells. 2,387,361; Oct. 23.
Stephenson, Hugh M., Ft. Wayne, Ind., assignor to General Electric Company. Clutch construction. 2,386,071; Oct. 2.
Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Brush rigging. 2,389,941; Nov. 27.
Stephenson, James R., assignor to General Motors Corporation, Dayton, Ohio. Gun cooling apparatus. 2,388,807; Nov. 13.
Stephenson, Willie P., et al.: *See*—
Johnson, Clarence D., assignor.
Stergis, Stergis M., Los Angeles, Calif. Landing gear protecting boot. 2,378,046; June 12.
Sterick, Harrison D., Pittsburgh, Pa. Burner. 2,376,520; May 22.
Sterling, John G.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright, assignors.
Sterling Tool Products Company: *See*—
Crosby, Stephen A., assignor.
Stern, Hilton S., Denver, Colo. Razor blade holder. 2,369,618; Feb. 13.
Stern, Louis: *See*—
Negbaur, H., and Lippincott, assignors.
Stern, Max, Kew Gardens, N. Y. Treating aluminum or aluminum alloy scrap. 2,391,752; Dec. 25.
Stern, Raphael L.: *See*—
Cairns, R. W., and Stern.
Stern, Raphael L., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Production of nitrocellulose. 2,366,880; Jan. 9.
Stern, Walter: *See*—
Hamilton, N., and Stern.
Sternad, Frank S., Cuyahoga Falls, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire building machine. 2,373,354; Apr. 10.
Sternad, Frank S., Cuyahoga Falls, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for building tires. 2,374,391; Apr. 24.
Sternberg, Albert, New York, N. Y. Hand tooling device for using sized gold and other decorative leaf. 2,366,293; Jan. 2.
Sternberg, Alexander G.: *See*—
Kolar, S. M., and Sternberg.
Sterne, Rita C., et al.: *See*—
Du Bois, Joseph E., assignor.
Sterrett, Charles C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drier for gas-cooling systems. 2,372,135; Mar. 20.
Sterrett, George C., Baltimore, Md. Truckman's handle. 2,367,627; Jan. 16.
Stertzbach, Harry W.: *See*—
Orr, C. L., and Stertzbach.
Sterzik, Adolf, St. Louis, Mo. Shoe construction. 2,367,537; Jan. 16.
Stetson, John B., Company: *See*—
Hodshon, A. E., and Tucker, assignors.
Stettler, Oskar, assignor to Philips Lampen A.-G., Zurich, Switzerland. Electrical remote control. 2,385,657; Sept. 25.
Stettner, Harlow J.: *See*—
Schubert, A. E. Hintz, and Stettner.
Steven, George, Buffalo, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Sight Glass assembly. 2,374,142; Apr. 17.
Steven, Ray L., Los Angeles, Calif. Heated food container. 2,373,611; Apr. 10.
Stevenhagen, John W.: *See*—
Hein, C. C., and Stevenhagen.
Stevens, Charles, Wellston, Ohio. Detecting structural flaws in sheet material. 2,381,990; Aug. 14.
Stevens, Daniel S., Chicago, Ill. Device for positioning colorimeter cells. 2,391,076; Dec. 18.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Gun carrier. 2,367,837; Jan. 23.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus. 2,381,379; Aug. 7.
Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire building apparatus (ply turndown). 2,381,401; Aug. 7.
Stevens, John C., assignor to Leupold & Stevens Instruments, Portland, Oreg. Fluid meter. 2,376,459; May 22.
Stevens, Jordan & Harrison, Inc.: *See*—
Vang, Alfred, assignor.
Stevens, Joseph R.: *See*—
Keresztesy, J. C., and Stevens.

Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control apparatus. 2,383,277; Aug. 21.

Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure control mechanism. 2,383,278; Aug. 21.

Stevens, Thomas B., Wilmington, Ill. Two row potato digger and harvester. 2,371,076; Mar. 6.

Stevens, Thomas F.: *See*—
Davis, E. E., and Stevens.

Stevens, Vernon E., Wellsville, N. Y. Control apparatus for aircraft. 2,373,065; Apr. 3.

Stevens, Walter H.: *See*—
Bedford, L. H., Jofeh, and Stevens.

Stevenson, Charlotte V., New York, N. Y. Combined bottle cap and stopper. 2,374,143; Apr. 17.

Stevenson, Edward E., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Safety brake mechanism. 2,371,857; Mar. 20.

Stevenson Engineering Corporation: *See*—
Stevenson, Robert, assignor.
Walley, Herbert H., Jr., assignor.

Stevenson, Francis W., Detroit, Mich. Conveyer for automotive vehicles. 2,381,783; Aug. 7.

Stevenson, George E., Coquille, Oreg. Tire inflating device. 2,391,652; Dec. 25.

Stevenson, Halsey B.: *See*—
Coffman, D. D., and Stevenson.
Pinkey, P. S., and Stevenson.
Smith, A. F., and Stevenson.

Stevenson, Jordan & Harrison, Inc.: *See*—
Vang, Alfred, assignor.

Stevenson, Prince A., Waterloo, S. C. Tension and bloom control device. 2,373,513; Apr. 10.

Stevenson, Robert, Providence, R. I., assignor to Stevenson Engineering Corporation. Rotary pump. 2,367,068; Jan. 9.

Stevenson, Robert, and A. W. Keema, Providence, R. I., assignors to Merit Engineering, Inc. Relief valve. 2,372,631; Mar. 27.

Stevenson, Walter J., Riverside, assignor to Watchemoket Optical Co., Inc., Providence, R. I. Goggle. 2,391,361; Dec. 18.

Stevenson, William H., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Chlorinated rubber. 2,375,958; May 15.

Stewart, Alexander, Mountain Lakes, N. J., and A. R. Pitrot, assignors to National Lead Company, Hempstead, N. Y. Composition for storage battery plates and preparing same. 2,389,465; Nov. 20.

Stewart, Arthur L., assignor to Gleason Works, Rochester, N. Y. Cutting gears. 2,384,499; Sept. 11.

Stewart, Benjamin H., Christopher, Ill. Lift. 2,377,279; May 29.

Stewart, C. T.: *See*—
Carter, Clyde C., assignor.

Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,369,989; Feb. 20.

Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Valve device. 2,376,521; May 22.

Stewart, Charles P., Los Angeles, Calif. Chuck attachment. 2,381,087; Aug. 7.

Stewart, Charles R., Charlotte, N. C. Check valve. 2,372,456; Mar. 27.

Stewart, Charles W., River Forest, Ill., assignor to Corn Products Refining Company, New York, N. Y. Paper-coating composition. 2,370,268; Feb. 27.

Stewart, Donald H., assignor to Eastman Kodak Company, Rochester, N. Y. Two-film camera. 2,384,655; Sept. 11.

Stewart, Earle: *See*—
Kupiec, H. P., and Stewart.

Stewart, Enos A., Canton, Ohio. Making sponge iron. 2,386,072; Oct. 2.

Stewart, George A., Bloomfield, N. J. Game apparatus. 2,368,896; Feb. 6.

Stewart, George F., Winchester, Mass. Servicing implement for beacons. 2,376,290; May 15.

Stewart, Horace Z., Mobile, Ala. Machine for shelling peas and beans. 2,374,466; Apr. 24.

Stewart, Hubert L., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Operating an electrolyzer. 2,377,823; June 5.

Stewart, James E., Rye, N. Y. Machine for vending bottles. 2,389,283; Nov. 20.

Stewart, James W., Donora, Pa., assignor to The American Steel & Wire Company of New Jersey. Ingot mold sprayer. 2,387,362; Oct. 23.

Stewart, James W. R., assignor to Stanley A. Hayes, Berkeley, Calif. Spraying proportioner. 2,388,445; Nov. 6.

Stewart, John B., St. Louis, Mo. Rotary engine. 2,373,791; Apr. 17.

Stewart, John H., Canton, Ohio. Reducing ores and oxides. 2,386,073; Oct. 2.

Stewart, John H. F., assignor to Indian Motocycle Company, Springfield, Mass. Carburetor. 2,372,532; Mar. 27.

Stewart, John M., Chicago, Ill. Bottle dispensing device. 2,379,112; June 26.

Stewart, John S., New York, N. Y. Blast furnace. 2,373,514; Apr. 10.

Stewart, Meredith M., Beacon, assignor to The Texas Company, New York, N. Y. Catalytic hydrocarbon conversion processes. 2,367,474; Jan. 16.

Stewart, Meredith M., Beacon, assignor to The Texas Company, New York, N. Y. Hydrocarbon conversion process. 2,381,522; Aug. 7.

Stewart, Meredith M., Beacon, assignor to The Texas Company, New York, N. Y. Isomerization of paraffin hydrocarbons. 2,381,562; Aug. 7.

Stewart, Nelson H., Fairmont, W. Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. X-ray tube anode seal. 2,381,625; Aug. 7.

Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for filling carbonated beverages. 2,367,899; Jan. 23.

Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Vacuum producing apparatus. 2,370,202; Feb. 27.

Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Packaging beverages. 2,372,457; Mar. 27.

Stewart, Robert J., and L. F. Pahl, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for sealing containers. 2,369,762; Feb. 20.

Stewart, Robert J., and J. S. Bartley, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cap feeding apparatus. 2,384,052; Sept. 4.

Stewart, Robert R., Findlay, and T. R. De Long, Van Buren, Ohio, assignors to W. E. Mize, Detroit, Mich. Lathe dog. 2,388,622; Nov. 6.

Stewart-Warner Corporation: *See*—
Allen, Arthur C., assignor.
Coxon, George E., assignor.
Davis, Ernest W., assignor.
Garancher, Marcel, assignor.
Garancher, M., and Raisch, assignors.
Gersch, Adolph E., assignor.
Heymann, Seymour E., assignor.
Johnston, Fred E., assignor.
Leslie, John H., II, assignor.
Malone, Homer F., assignor.
Marshall, William A., Jr., assignor.
Norman, Horace M., assignor.
Palm, George H., assignor.
Tramontini, Vernon N., assignor.
Whitted, John B., assignor.

Stewart, Wendell F.: *See*—
Jackson, L. R., and Stewart.

Stewart, William D.: *See*—
Browning, G. L., Jr., Stewart, and Zwicker.
Zwicker, B. M. G., and Stewart.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,380,473; July 31.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,380,474; July 31.

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Stewart, William D., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Catalysts for polymerization reaction. 2,380,710; July 31.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of butadiene-1,3 hydrocarbons. 2,380,905; July 31.

Stewart, William D., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Polymerization initiator. 2,381,702; Aug. 7.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polymerization of unsaturated organic compounds. 2,383,425; Aug. 21.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preserving latex and product thereof. 2,386,756; Oct. 16.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,388,372; Nov. 6.

Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Catalysts for the addition polymerization of unsaturated organic compounds. 2,388,373; Nov. 6.

Stewart, William D., and B. M. G. Zwicker, assignors, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Heavy metal catalysts for emulsion polymerization reactions. 2,380,617; July 31.

Stewart, William D., and B. M. G. Zwicker, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Catalysts for polymerization reactions. 2,380,618; July 31.

Stewart, William D., and B. M. G. Zwicker, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Butadiene-1,3 copolymers. 2,384,574; Sept. 11.
Stewart, William H., Beaumont, Tex., asignor to Sun Oil Company, Philadelphia, Pa. Method and apparatus for determining current flow in bore hole casing or the like. 2,371,658; Mar. 20.
Stewman, W. A., et al.: *See*—
Compton, Henry P., assignor
Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay testing system. 2,369,619; Feb. 13.
Sticelber, Merlin A., Kansas City, Mo. Combination dough mixer and water cooling device. 2,370,888; Mar. 6.
Sticht, Otto W., Orange, N. J. Making brushes. 2,391,077; Dec. 18.
Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Electrical apparatus. 2,379,602; July 3.
Stickney, Fernald S., West Caldwell, N. J. Spring winding mechanism. 2,373,427; Apr. 10.
Stieglitz, Albert, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Power regulation for aircraft engines. 2,384,353; Sept. 4.
Stienen, Ernest A., Yorktown, N. Y. Air current locking device. 2,391,107; Dec. 18.
Stiffler, Harold F., Medway, Ohio. Processing holder for photographic sheet material. 2,368,078; Jan. 23.
Stiffler, Harold F., Medway, Ohio. Photographic negative holder. 2,368,079; Jan. 23.
Stigen, Alf L., assignor to Aktiebolaget Separator, Stockholm, Sweden. Butyrometer. 2,377,586; June 5.
Stikeleather, Robert M., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Method of and machine for winding ribbons on heat exchange tubes. 2,374,144; Apr. 17.
Stiles, John W., New York, N. Y. Conveyer feeding system. 2,389,696; Nov. 27.
Stiller, Eric T., New York, N. Y. dl-tryptophane and producing the same. 2,380,479; July 31.
Stiller, Eric T., New York, N. Y., assignor to Merck & Co., Inc., Rahway, N. J. Intermediates for the production of vitamin B_6 and preparing the same. 2,372,690; Apr. 3.
Stiller, Eric T., New York, N. Y., assignor to Merck & Co., Inc., Rahway, N. J. Lactones of 2-alkyl-3-alkoxy-4-hydroxymethyl-5-carboxypyridine. 2,380,478; July 31.
Stillman, Albert L., Plainfield, N. J., assignor to Fuel Research Corporation. Coal paint. 2,370,428; Feb. 27.
Stillson, Gordon H., Oakmont, Pa., and J. B. Fishel, Hagerstown, Md., assignors to Gulf Research & Development Company, Pittsburgh, Pa. Dealkylation of alkylphenols. 2,383,279; Aug. 21.
Stillwagon, George B., Jr., assignor of one-half to K. G. Fraser, Dayton, Ohio. Universal joint. 2,369,810; Feb. 20.
Stilmar, Frederic B.: *See*—
Dettwyler, W., and Stillmar.
Stilson, Herbert A., Chicago, assignor to McGill Metal Products Corporation, Marengo, Ill. Animal trap. 2,368,581; Jan. 30.
Stilson, Herbert A., Chicago, assignor to McGill Metal Products Corporation, Marengo, Ill. Animal trap. 2,378,253; June 12.
Stilwell, David W., Los Angeles, Calif. Apparatus for treating petroleum. 2,389,328; Nov. 20.
Stilwell, Glenn E.: *See*—
Paxton, G. C., and Stilwell.
Stimpson, Edwin G.: *See*—
Weisberg, S. M., Stimpson, and Miller.
Stimson, Edward E., Spondon, near Derby, assignor to British Celanese Limited, London, England. Gas manufacture. 2,388,348; Nov. 6.
Stine, Carl A.: *See*—
Hunter, D. P., and Stine.
Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Tube cleaner. 2,367,900; Jan. 23.
Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Admixing and dispensing method and device. 2,371,720; Mar. 20.
Stine, Carl A., Van Nuys, assignor to Turco Products, Inc., Los Angeles, Calif. Piston cleaning apparatus. 2,376,945; May 29.
Stinson, Everson C., Woolwich, and E. D. Hall, Windham, Maine. Portable former. 2,383,923; Aug. 28.
Stinson, Jamie T., Jonesboro, La. Wire twisting plier. 2,381,703; Aug. 7.
Stinson, Karl W.: *See*—
Parker, H. F., and Stinson.
Stinson, William, Vancouver, British Columbia, Canada. Holder for finger nail files. 2,376,946; May 29.
Stirn, Frank E., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Soluble sulphur preparations. 2,390,746; Dec. 11.
Stitt, Roger H., Long Lake, assignor to United States Gypsum Company, Chicago, Ill. Manufacturing surface ornamented acoustical tile. 2,388,880; Nov. 13.
Stitz, Wilbur E., and D. C. Kennard, Dayton, Ohio. Engine mount. 2,367,697; Jan. 23.
Stober, Floyd B., Portland, Oreg. Vehicle direction indicating signal. 2,385,310; Sept. 18.
Stock, Arthur J., Rocky River, Ohio. Automatic apron fed hopper scale for bulk materials. 2,372,746; Apr. 3.
Stock, Arthur J., and N. Brewer; said Brewer assignor to said Stock, doing business as Stock Engineering Company, Cleveland, Ohio. Alarm device. 2,371,272; Mar. 13.
Stock Engineer Company: *See*—
Stock, A. J., and Brewer.
Stockelbach, Frits E., Verona, N. J., assignor to Fries Bros., Inc., New York, N. Y. Ultraviolet light filter compound. 2,369,084; Feb. 6.
Stocker, Closman P., et al.: *See*—
Huge, Henry M., assignor.
Pohm, George H., assignor.
Stocker, William M., Hollis, assignor to Cameron Machine Company, Brooklyn, N. Y. Slitting machine. 2,367,974; Jan. 23.
Stocking, Roderick P.: *See*—
Fickett, E. L., Leger and Stocking.
Stocking, Willard Y., Scarsdale, N. Y. Molding containers. 2,387,778; Oct. 30.
Stockman, William M., New York, N. Y. Cutting implement. 2,373,203; Apr. 10.
Stockstrom, Arthur, assignor to American Stove Company, St. Louis, Mo. Thermoresponsive device. 2,376,631; May 22.
Stockstrom, Arthur, E. H. Kahler, and V. Morrill, Jr., assignors to American Stove Company, St. Louis, Mo. Burner. 2,372,611; Mar. 27.
Stockton, Franklin: *See*—
Schoonmaker, J. M., Jr., and Stockton.
Stoeckert, Isidor, Ridgewood, N. Y. Sanitary detachable pocket. 2,389,697; Nov. 27.
Stoehr, Rolla G., Chatham, Ontario, Canada, assignor to Weaver Manufacturing Company, Springfield, Ill. Tire-casing spreading and inspecting machine. 2,375,595; May 8.
Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,366,757; Jan. 9.
Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,369,186; Feb. 13.
Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Making resistors. 2,385,386; Sept. 25.
Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor for spark plugs. 2,389,466; Nov. 20.
Stoffel, Lester L., Lakewood, and A. A. Stark, assignors to The Ohio Carbon Company, Cleveland, Ohio. Electrical connector. 2,389,467; Nov. 20.
Stoffel Seals Company, Incorporated: *See*—
Stelzer, William, assignor.
Stogner, Lawrence B.: *See*—
Dunlap, C. K., and Stogner.
Stogsdill, Sherman L., Webster Groves, assignor to Central Mine Equipment Co., St. Louis, Mo. Mining drill and bit. 2,372,612; Mar. 27.
Stohldreier, William C.: *See*—
Morris, J. J., and Stohldreier.
Stokes, F. J., Machine Company: *See*—
Flosdorf, E. W., Westin and Stokes, assignors.
Stokes, F. J., Jr., and Bailey, assignors.
Strauss, William, assignor.
Stokes, Francis J., Jr.: *See*—
Flosdorf, E. W., Westin, and Stokes.
Stokes, Francis J., Jr., Philadelphia, and L. H. Bailey, Cheltenham, assignors to F. J. Stokes Machine Company. Molding press. 2,389,561; Nov. 20.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Core taking apparatus. 2,381,844; Aug. 7.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Pressure core drilling apparatus. 2,381,845; Aug. 7.
Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Side hole coring device. 2,386,514; Oct. 9.
Stokes, Joseph, Rubber Co., Inc.: *See*—
Laning, Edwin R., assignor.
Stokes, Philip H., Stratford-on-Avon, assignor to H. M. Hobson (Aircraft & Motor) Components Limited, Somerset, England. Regulating device for controlling the supply of fuel to internal-combustion engines. 2,374,844; May 1.
Stokes, Roscoe N.: *See*—
Cobb, Everett H., assignor.
Stokes & Smith Company: *See*—
Federwitz, T. A., and Grotewold, assignors.
Sonneborn, J. R., and Albertson, assignors.
Stokes, Stanley C.: *See*—
Gee, G., and Stokes.
Stokes, William E., Garden City, and W. E. Barch, Farmingdale, assignors to Standard Brands Incorporated, New York, N. Y. Interstitially coated compound and making the same. 2,372,402; Mar. 27.
Stokoe, Edna B., Los Angeles, Calif. Ornament. 2,387,475; Oct. 23.
Stokoe, Frederick L., Chicago, Ill. Ash storage and conveying apparatus. 2,379,998; July 10.
Stolberg, William G.: *See*—
Kerr, W., and Stolberg.
Stoll, Charles C., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus and coating. 2,384,500; Sept. 11.

Stoll, Henry C., Jackson Heights, N. Y. Universal vise. 2,383,170; Aug. 21.
Stoll, Willy: *See*—
Grün, A., and Stoll.
Stolte, Richard C., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Steering by braking. 2,375,959; May 15.
Stoltenberg, Delbent H., Toledo, Ohio. Spark plug. 2,367,445; Jan. 16.
Stone, Albert L., Palos Verdes Estates, Calif. Building up tubular joint. 2,390,624; Dec. 11.
Stone, Albert L., Palos Verdes Estates, and J. H. Appleton, assignors to Hydril Company, Los Angeles, Calif. Lathe and turret mill. 2,368,499; Jan. 30.
Stone, Albert R., Belair, Md. Self-locking hydraulic linkage. 2,387,307; Oct. 23.
Stone, Arthur P.: *See*—
Poole, C. E., and Stone.
Stone, Carl R., assignor to Crane Co., Chicago, Ill. Valve indicator. 2,367,651; Jan. 16.
Stone, Charles, Brooklyn, N. Y. Girdle. 2,381,232; Aug. 7.
Stone, Earll R., Lansdowne, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Stoker apparatus. 2,391,600; Dec. 25.
Stone, Estella E., et al.: *See*—
Peters, M. F., and Stone.
Stone, Harry A., assignor to J. H. Gledhill, Philadelphia, Pa. Salesman's order pad or the like. 2,370,377; Feb. 27.
Stone, J., & Company, Limited: *See*—
Chilton, Alfred H., assignor.
Chilton, A. H., and Nixon, assignors.
Murphy, A. J., and Callis, assignors.
Nixon, Leslie R., assignor.
Stone, John T., Baltimore, Md. Cutting and beveling machine. 2,377,844; June 5.
Stone, John T., Baltimore, Md. Power scissors. 2,384,205; Sept. 4.
Stone, Morris D.: *See*—
Johnson, L., Jr., and Stone.
Stone, Morris D., and F. J. Gleve, assignors to United Engineering and Foundry Company, Pittsburgh, Pa. Hydraulic press. 2,387,190; Oct. 16.
Stone, Noah, Bronx, assignor to Setrite Products Corporation, New York, N. Y. Hair curler. 2,378,872; June 19.
Stone, Noah, assignor to Syndicate Products Co., New York, N. Y. Folding box. 2,379,665; July 3.
Stone, Obed W., Webster Groves, Mo. Insect killer. 2,373,428; Apr. 10.
Stone, R. Harry: *See*—
Peters, Melville F.
Stone, Ralph K., Elmhurst, Ill., and F. O. Brougham, assignors to United States Envelope Company, Springfield, Mass. Envelope. 2,389,747; Nov. 27.
Stone, Raymond. Chicago, Ill. Flexible coated sheet material. 2,371,001; Mar. 6.
Stone, Robert L.: *See*—
Thompson, L., and Stone.
Stone, Robert L., Orange, assignor to The Soundscriber Corporation, New Haven, Conn. Apparatus for controlling the speed of phonograph turntables. 2,369,085; Feb. 6.
Stone, Roslyn, and A. R. Levine, New York, N. Y. Nipple piercing needle for nurseries. 2,382,032; Aug. 14.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Metal cabinet hinge. 2,385,169; Sept. 18.
Stone, Seymour, assignor to R. L. Berenson, New York, N. Y. Electric steam iron. 2,368,048; Jan. 23.
Stone Wheel Inc.: *See*—
Moran, Edward L., assignor.
Stonehill, Albert A., Brooklyn, N. Y., assignor to Johnson & Johnson, New Brunswick, N. J. Dental floss. 2,381,142; Aug. 7.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Chuck. 2,372,691; Apr. 3.
Stoner, Arthur M., West Hartford, assignor to The Jacobs Manufacturing Company, Hartford, Conn. Collet. 2,374,245; Apr. 24.
Stoner, Marvin Le R., Elizabeth, N. J., assignor to Curtiss-Wright Corporation. Control mechanism for airplanes. 2,376,731; May 22.
Stoner-Mudge, Inc.: *See*—
Young, George H., assignor.
Stoner, Thomas A., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,372,860; Apr. 3.
Stookey, Kenneth W., assignor to The Gas Machinery Company, Cleveland, Ohio. Industrial furnace. 2,379,196; June 26.
Stoops, William N., South Charleston, C. E. Staff, Charleston, W. Va., and H. F. Wakefield, Bloomfield, N. J., assignors to Carbide and Carbon Chemicals Corporation. Electrical insulation. 2,375,960; May 15.
Stop-Motion Devices Corp.: *See*—
Vossen, Edward, assignor.
Storch, Harold A., Fairview Village, assignor to Harris Products Company, Cleveland, Ohio. Flexible mounting device. 2,389,562; Nov. 20.
Storm, Carl T. and L. H., Detroit, Mich. Motor vehicle identification tag holder. 2,388,349; Nov. 6.
Storm, Herbert F., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric governor. 2,376,522; May 22.
Storm, Louise H.: *See*—
Storm, Carl T. and L. H.
Storm Manufacturing Company, Inc.: *See*—
Olsson, Olov J. E., assignor.
Storment, Joseph E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Diolefin recovery. 2,386,366; Oct. 9.
Storrs, Kindred L., Salt Lke City, Utah. Smelter. 2,374,713; May 1.
Storrs, Kindred L., Salt Lake City, Utah. Mining coal. 2,390,562; Dec. 11.
Story, Edward B., Bethel Township, Allegheny County, assignor to A. M. Byers Company, Pittsburgh, Pa. Lining rotary furnaces. 2,368,270; Jan. 30.
Story, Le Roy G., White Plains, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of motor fuels. 2,373,612; Apr. 10.
Story, Thomas E., Cleveland, Ohio. Signal switch. 2,375,393; May 8.
Stott, Harold B., Glen Olden, Pa., assignor to Radio Corporation of America. Variable tuning system. 2,390,009; Nov. 27.
Stott, Harold R., Philadelphia, Pa. Dispensing bottle. 2,370,820; Mar. 6.
Stott, Harold R., Philadelphia, Pa. Paper roll holder. 2,370,821; Mar. 6.
Stoudt, Thearon G., West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Coil spring appliance. 2,370,111; Feb. 20.
Stough, Kenneth K.: *See*—
Carnagua, H. E., and Stough.
Stoughton, Roger W., Nashville, Tenn., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Derivatives of 2,4-oxazolidinedione. 2,372,861; Apr. 3.
Stout Houses, Incorporated: *See*—
Hill, Douglas G. B., assignor.
Stout, William E., Baltimore, Md. Cushioned shoe heel. 2,370,889; Mar. 6.
Stover, Albert M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of preparing aqueous dispersions of reclaimed rubber. 2,377,052; May 29.
Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for insulating electrical conductors. 2,387,191; Oct. 16.
Stover, Clyde N., Towson, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for wrapping elongated articles. 2,388,018; Oct. 30.
Stover, Harry E., Leonia, N. J., and J. G. Kosar, Ridgewood, N. Y., assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Method and apparatus for making closures. 2,369,763; Feb. 20.
Stover, Willard L., Amarillo, Tex. Winch cable guide. 2,380,801; July 31.
Stow, Clarence E., assignor of one-fourth to E. R. Guthrie, one-fourth to H. J. Anderson, and one-eighth to R. L. Fuller, Kansas City, Mo. Pouring attachment for bottles. 2,384,206; Sept. 4.
Stow Manufacturing Co.: *See*—
Eisenbeis, George G., assignor.
Stowe, Stephen C.: *See*—
Hooker, G. W., Drake, and Stowe.
Hooker, G. W., and Stowe.
Hooker, G. W., Stowe, and Drake.
Stowe, Stephen C., assignor to The Dow Chemical Company, Midland, Mich. Recovery of isoprene from hydrocarbon mixtures comprising same and piperylene. 2,381,409; Aug. 7.
Stowe, Vernon M.: *See*—
Riesmeyer, A. H., and Stowe, assignors.
Stowell, Harold T., Washington, D. C., assignor to Research Corporation, New York, N. Y. Air conditioning. 2,389,698; Nov. 27.
Stowill, Harold T.: *See*—
Kerschbaum, Friedrich P., assignor.
Stoye, Lothar H., San Leandro, Calif. Sand trap. 2,384,207; Sept. 4.
Stoyle, Gordon W., Wollaston, Mass. Hydrosol of Irish moss and preparing the same. 2,375,259; May 8.
Sträb, Hermann, Stuttgart, Germany; vested in the Alien Property Custodian. Metallized paper and making the same. 2,367,152; Jan. 9.
Strable, Joseph F., Strood, assignor to Gyproc Products Limited, London, England. Coating articles with an impermeable cloth, felt, or the like. 2,377,979; June 12.
Strachovsky, Nikita B., assignor to Lord Manufacturing Company, Erie, Pa. Mounting. 2,380,899; July 31.
Straight, Halver R., Adel, Iowa. Manufacture of ceramic wares. 2,388,446; Nov. 6.
Straight, Halver R., Adel, Iowa. Making graphite pencil leads and similar articles. 2,388,447; Nov. 6.
Strain, Daniel E.: *See*—
McAlevy, A., Strain, and Chance.
Strain, Franklin: *See*—
Muskat, I. E., and Strain.
Pollack, M. A., Muskat, and Strain.
Strain, Franklin, Norton Center, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Organic percarbonates. 2,370,588; Feb. 27.

Strain, Franklin, Barberton, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Organic peroxide. 2,374,789; May 1.
Strain, Franklin, Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated esters. 2,379,261; June 26.
Strain, Franklin, Barberton, and F. E. Küng, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbonate esters. 2,370,589; Feb. 27.
Strain, Franklin, Barberton, and F. E. Küng, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Unsaturated carbonate esters. 2,377,111; May 29.
Strain, Franklin, Barberton, and F. E. Küng, Akron, Ohio, assignors to Pittsburgh Plate Glass Company. Vinyl esters. 2,384,143; Sept. 4.
Strain, William H.: *See*—
Dickey, J. B., Towne, and Strain.
Strain, William H., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Producing morpholine compounds. 2,381,935; Aug. 14.
Strain, William H., Rochester, N. Y., J. T. Plati, Passaic, N. J., and S. L. Warren, Oak Ridge, Tenn., assignors of one-half to Noned Corporation, and one-half to Eastman Kodak Company, Rochester, N. Y. Bis esters of iodinated phenyl aliphatic carboxylic acids. 2,386,640; Oct. 9.
Straits, Lloyd A., Washington, D. C. Fracture apparatus. 2,387,192; Oct. 16.
Straka, Frank M.: *See*—
Johnson, J. M., and Straka.
Strand Ski Company: *See*—
Burr, J. H., and Driscoll, assignors.
Strandberg, Ray U., Brooklyn, assignor to Standard Brands Incorporated, New York, N. Y. Sheet cutter. 2,376,460; May 22.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,383,022; Aug. 21.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,384,406; Sept. 4.
Strang, Earl A., Waukegan, Ill. Tuyère block. 2,373,792; Apr. 17.
Strang, Harold E., Ardmore, Pa., assignor to General Electric Company. Electric switch. 2,379,761; July 3.
Strang, Harold E., Ardmore, Pa., assignor to General Electric Company. Control of electric switches. 2,380,802; July 31.
Strang, Harold E., Ardmore, G. M. Reed, Upper Darby, and L. J. Linde, Drexel Hill, Pa., assignors to General Electric Company. Circuit-interrupting device. 2,385,658; Sept. 25.
Strang, Harold E., Ardmore, Pa., and J. W. Butler, Schenectady, N. Y., assignors to General Electric Company. Protective system. 2,389,007; Nov. 13.
Strange, John P., Wilkinsburg, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Oxygen flow regulator. 2,378,047; June 12.
Strasburger & Siegel: *See*—
Woodward, Hiram W., assignor.
Strasdin, Raymond F.: *See*—
Andersen, B., and Strasdin.
Strasnick, Charles, Revere, Mass. Shoe. 2,379,384; June 26.
Strassberger, Lothar: *See*—
Serini, A., Köster, and Strassberger.
Strassburger, Julius H., Steubenville, Ohio., assignor to National Steel Corporation. Heating furnace. 2,369,419; Feb. 13.
Strassburger, William J., and V. W. Hunter, Pittsburgh, Pa., assignor to Grant Building, Incorporated. Luminaire for use with tubular fluorescent lamps. 2,385,040; Sept. 18.
Stratford, Charles W., assignor to Stratford Development Corporation, Kansas City, Mo. Atomizing evaporator. 2,368,049; Jan. 23.
Stratford Development Corporation: *See*—
Stratford, Charles W., assignor.
Stratford, William M., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,382,270; Aug. 14.
Strathmore Paper Company: *See*—
Riggs, H. E., and Griswold, assignors.
Stratton, Cleo C., Ballinger, Tex. Aircraft landing wheel. 2,377,280; May 29.
Stratton, Jerry L., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,378,807; June 19.
Stratton, Michael G., Weston, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe last. 2,370,502; Feb. 27.
Stratton, Michael G., Weston, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,385,554; Sept. 25.
Straub, Ralph: *See*—
Keuffel, A. W., and Straub.
Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Drawer suspension. 2,386,757; Oct. 16.
Straumann, Reinhard, Waldenburg, near Basel, Switzerland. Magnetic escapement for timepieces. 2,373,429; Apr. 10.
Straumann, Reinhard, Waldenburg, Switzerland. Magnetic escapement. 2,376,461; May 22.
Strauss, Alfred, and E. G. Feltman, Chicago, M. M. Hunt, Park Ridge, and W. D. Harbaugh, Evanston, Ill., assignors to A. F. Dormeyer Mfg. Co. Power unit for food processors. 2,372,862; Apr. 3.
Strauss, Charles, assignor to Arvey Corporation, Chicago, Ill. Dispensing rack. 2,389,092; Nov. 13.
Strauss, Edward E.: *See*—
Stechbart, B., and Strauss.
Strauss, Frank A., New Brighton, Staten Island, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Plastic compositions containing caprylic acid esters. 2,372,522; Mar. 27.
Strauss, Hermann M. A., Chicago, and W. D. Harbaugh, Evanston, Ill., assignors to A. F. Dormeyer Mfg. Co. Food mixer. 2,368,897; Feb. 6.
Strauss, Ray C., Madison, Wis. Carrier unit. 2,387,779; Oct. 30.
Strauss, Theodore O., New York, N. Y. Internal-combustion engine. 2,377,459; June 5.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Operation check and control system for molding machines. 2,371,077; Mar. 6.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Automatic molding press. 2,371,195; Mar. 13.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Push-off device. 2,380,084; July 10.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Loading device. 2,385,311; Sept. 18.
Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Operation check and control system for molding machines. 2,391,362; Dec. 18.
Straussberger, Hans J., Brooklyn, N. Y., assignor to Alfred Hofmann, Inc., West New York, N. J. Forming of welts in straight knitting machines. 2,387,780; Oct. 30.
Straussler, Nicholas, London, S. W. 1, England. Imparting buoyancy to vehicles. 2,390,747; Dec. 11.
Straw, Clayton, Henniker, N. H., assignor to H. R. Davis, Jr., Winchester, Mass. Staying paper boxes. 2,367,698; Jan. 23.
Straw, Jesse H., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,370,503; Feb. 27.
Straw, Jesse H., assignor to The Sheffield Corporation, Dayton, Ohio. Gauging device. 2,387,814; Oct. 30.
Strawn, Lynn R., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Catalytically converting hydrocarbons by the action of liquid aluminum halide-hydrocarbon complex. 2,389,651; Nov. 27.
Strean, Lyon P., Montreal, Quebec, Canada, assignor, by mesne assignments, to Ayerst, McKenna & Harrison (United States) Limited, Rouses Point, N. Y. Whooping cough endotoxin. 2,371,002; Mar. 6.
Strean, Lyon P., assignor to Ayerst, McKenna & Harrison Limited, Montreal, Quebec, Canada. Therapeutic substance for measles. 2,386,725; Oct. 9.
Streander, Philip B., Maplewood, N. J. Filter bed cleaning. 2,389,329; Nov. 20.
Streater, Edward C., Spring Park, assignor to John Brayley, Minneapolis, Minn., as trustee. Toy excavator. 2,382,346; Aug. 14.
Streater, Edward C., Spring Park, assignor to John Brayley, Minneapolis, Minn., as trustee. Toy helicopter. 2,382,347; Aug. 14.
Strebel, Charles J., et al.: *See*—
Plebanek, Leonard Z., assignor.
Strebinger, Richard R., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,376,732; May 22.
Streck, Clemens: *See*—
Von Glahn, W. H., Walsh, and Streck.
Street, Donald T., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic instrument. 2,386,012; Oct. 2.
Streeter-Amet Company: *See*—
Basquin, Olin H., assignor.
Brendel, Max E., assignor.
Roeser, Harry M., assignor.
Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Platinum metal catalysts and the manufacture thereof. 2,384,501; Sept. 11.
Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Preventing corrosion by phosphorus. 2,384,502; Sept. 11.
Streifeneder, Ludwig: *See*—
Hardt, L. L., and Streifeneder.
Streuber, Fred L., Astoria, N. Y. Apparatus for cleaning roller bearings. 2,369,498; Feb. 13.
Streuli, Emil, assignor to Groh & Co., A. G., Horgen, Switzerland. Heddle frame for looms. 2,380,124; July 10.
Streuli, Paul: *See*—
Graenacher, C., Streuli, and Meyer.
Strickarz, John J.: *See*—
Deyrup, A. J. Ballard, and Strickarz.
Strickhouser, Sherman I., Edgewood, and E. C. Uhlig, Greenwood, R. I., assignors to United States Rubber Company, New York, N. Y. Battery separator. 2,382,829; Aug. 14.
Strickland, Barney R., Roselle, N. J., assignor to Standard Oil Development Company. Refining mineral oils. 2,375,596; May 8.

Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Induction furnace construction. 2,373,719; Apr. 17.
Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Adjustable stop mechanism. 2,379,463; July 3.
Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Inductor apparatus. 2,381,143; Aug. 7.
Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Synchronous motor generator connection. 2,381,373; Aug. 7.
Strickland, John E., Madison, Fla. Tree scraper. 2,384,976; Sept. 18.
Strickland, Randolph L., Rochester, and A. B. Segall, assignors to Detroit Aluminum & Brass Corp., Detroit, Mich. Bearing. 2,388,019; Oct. 30.
Strickler, John C., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Sheet feeding and stacking apparatus. 2,373,149; Apr. 10.
Strickstrock, Hans: *See*—
Weiss, E., and Strickstrock.
Strid, Sven J., assignor to T & S Corporation, Chicago, Ill. Cotter pin assembly. 2,373,983; Apr. 17.
Strike, L. N.: *See*—
Pearson, Otto H., assignor.
Striker, George O., assignor to Zenith Radio Corporation, Chicago, Ill. Radio receiver. 2,378,663; June 19.
Striker, Hilda W.: *See* —
Eddy, Arnold, assignor.
Stringer, Charles E., Farnhamville, Iowa. Tongue for trailer vehicles. 2,366,294; Jan. 2.
Stringer, Charles E., Farnhamville, Iowa. Coupler. 2,366,295; Jan. 2.
Strobel, Charles K.: *See*—
Eskin, Samuel G., and Strobel.
Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for fuel burners. 2,379,113; June 26.
Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control apparatus for fuel burners. 2,379,114; June 26.
Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control for fuel burners. 2,380,125; July 10.
Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Control device. 2,381,784; Aug. 7.
Strobel, Charles K., Pittsburgh, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Safety control and ignition system. 2,391,753; Dec. 25.
Strobel, Howard M., New York, N. Y. Device for magnetic control of a discharge. 2,381,317; Aug. 7.
Stroben, George H., Detroit, Mich. Concrete form clamp. Re. 22,644; May 22.
Strobino, Louis J., Bethel, Conn. Making flexible protective shields. 2,367,446; Jan. 16.
Strobl, Samuel, Chicago, Ill. Die stop for punch presses. 2,377,824; June 5.
Stroh, George, Jr.: *See*—
Bourke, T. N., and Stroh.
Strom, Albert P., Forest Hills, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit interrupter. 2,389,392; Nov. 20.
Strom, Carl S., assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 2,368,620; Feb. 6.
Strom, Leonard G.: *See*—
Leach, L. D., and Strom.
Strome, Monte P., and J. Lieberman, New York, N. Y. Gum massager. 2,373,430; Apr. 10.
Stromeier, Gustav, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Axle box seal. 2,377,387; June 5.
Stromberg-Carlson Company: *See*—
Howell, Arthur S., assignor.
Powell, Winfred T., assignor.
Strong, James H., Highstown, N. J. Parachute canopy. 2,374,627; Apr. 24.
Strong, James H., Windsor, N. J. Low altitude bomb. 2,377,587; June 5.
Strong, Judson, Great Neck, N. Y., assignor to The H. A. Wilson Company, Newark, N. J. Bimetallic actuator. 2,382,182; Aug. 14.
Strong, Jules Q., Clayton, assignor of fifty-five percent to C. W. Mathieson, Sedalia, Mo., and fifteen percent to P. H. Lamphere, Denver, Colo. Shoe construction. 2,377,460; June 5.
Strosnider, Bush, Ashland, Ky. Door or gate closer. 2,385,590; Sept. 25.
Stross, Fred H.: *See*—
Anderson, A. P., and Stross.
Strother, Fred P., Minneapolis, Minn., assignor to Sears, Roebuck and Co., Chicago, Ill. Coffee maker. 2,386,278; Oct. 9.
Stroud, William F., Humber Bay, Ontario, Canada, assignor to Neptune Meters Limited. Magnetic lock. 2,384,208; Sept. 4.
Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Producing aluminum base alloys. 2,377,281; May 29.
Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment. 2,380,202; July 10.

Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Purification of magnesium. 2,373,515; Apr. 10.
Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Purification of magnesium. 2,373,516; Apr. 10.
Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Magnesium base alloy. 2,380,200; July 10.
Stroup, Philip T., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Manufacture of castings. 2,380,201; July 10.
Strout, Leeman F., assignor to F. A. Bartlett Tree Expert Company, Stamford, Conn. Hose coupling. 2,367,447; Jan. 16.
Structural Specialties, Inc.: *See*—
Rälston, Seymour E., assignor.
Strunk, John H., Abilene, Kans. Material handling apparatus. 2,377,112; May 29.
Strunk, Kenith G.: *See*—
Haas, S. V., Jr., and Strunk.
Strupp, Herbert A., Evansville, Ind. Shoe heel. 2,378,511; June 19.
Struthers Wells Corporation: *See*—
Gasche, Fred, assignor.
Stuart, Alexander H., assignor to John Widdicomb Company, Grand Rapids, Mich. Scarfing device. 2,375,447; May 8.
Stuart, Alfred A., Jr., Hasbrouck Heights, assignor to Bendix Aviation Corporation, Teterboro, N. J. Magnetic compass. Re. 22,699; Nov. 27.
Stuart, Clarence C., Pontiac, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Haulaway trailer construction. 2,385,115; Sept. 18.
Stuart, Clarence C., Pontiac, assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Transport vehicle. 2,391,363; Dec. 18.
Stuart, Fred W., Cincinnati, Ohio, assignor to Perfex Corporation, Milwaukee, Wis. Stoker damper control. 2,372,863; Apr. 3.
Stuart, G. A., et al.: *See*—
Bruen, George C., assignor.
Stuart, Henry J., Milford, assignor to I. Newman & Sons, Inc., New Haven, Conn. Tape and method of reinforcing. 2,387,416; Oct. 23.
Stuart, James L.: *See*—
Terraneau, R., and Stuart.
Stuart, James L., Sewickley, and O. Von Voigtlander, Mount Lebanon, Pa. Reinforced concrete pipe line construction. 2,378,593; June 19.
Stuart, Joseph, II: *See*—
Norman, G. M., and Stuart.
Stuart, Joseph, II, Wilmington, Del. Electric detonator. 2,389,086; Nov. 13.
Stuart, Kenneth E., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali halogen cells. 2,370,086; Feb. 20.
Stuart, Kenneth E., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali halogen cells. 2,370,087; Feb. 20.
Stuart, Robert W., Fort Sill, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Drill mud logging recording system or the like. 2,369,811; Feb. 20.
Stuart, Wallace A., et al.: *See*—
Perry, Edward W., assignor.
Stubbins, William L., Toronto, Ontario, Canada. Automatic control device for electric contacts. 2,379,197; June 26.
Stubner, Franz W., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealed reed contact unit. 2,370,203; Feb. 27.
Stuck, Harold D., Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Jordan engine lining. 2,366,367; Jan. 2.
Stucke, John, Philadelphia, Pa. Power plant. 2,383,996; Sept. 4.
Stucker, Joseph B., Wilmington, Del., assignor to The Pure Oil Company, Chicago, Ill. Lubricant. 2,382,115; Aug. 14.
Stuckey, Albert D. C.: *See*—
Decker, J., and Stuckey.
Studebaker Corporation, The: *See*—
Butzbach, Orville K., assignor.
Michailoff, Alexander, assignor.
Stuebing, William, Jr., Cincinnati, Ohio. Lift truck. 2,389,563; Nov. 20.
Stuebing, William, Jr., Cincinnati, Ohio. Binding strip apparatus. 2,389,699; Nov. 27.
Stueland, Harold M., East Moline, assignor to Deere & Company, Moline, Ill. Clutch and brake assembly. 2,381,318; Aug. 7.
Stuellein, William H.: *See*—
May, J. W., Stuellein, and Horn.
Stufft, Paul C., assignor to Pemco Corporation, Baltimore, Md. Production of super opaque vitreous enamels. 2,370,695; Mar. 6.
Stuhlfauth, George, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for bonding one article to another. 2,380,269; July 10.
Stuhlman, Frank A., Forest Park, and L. B. Berg, assignors to Borg-Warner Corporation, Chicago, Ill. Pinch type comb. 2,369,990; Feb. 20.

Stuhlman, Frank A., Forest Park, assignor to Borg-Warner Corporation, Chicago, Ill. Control for platens. 2,379,840; July 3.
Stuhlman, Frank A., Forest Park, and A. W. Doderer, assignors to Borg-Warner Corporation, Chicago, Ill. Adjusting mechanism for rolling machines. 2,382,517; Aug. 14.
Stull, John S.: *See*—
Sirp, E., and Stull.
Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Tape dispenser. 2,384,575; Sept. 11.
Stuller, Frank G.: *See*—
Lind, A. C., and Stuller.
Stults, Harold L.: *See*—
Stults, Ruth K. and H. L.
Stults, Ruth K. and H. L., New York, N. Y. Article for cleaning. 2,370,088; Feb. 20.
Stultz, Posy G., Roanoke, Va., assignor to C. M. O'Boyle, Wilmington, Del. Device for straightening freight car ends and the like. 2,371,659; Mar. 20.
Stumpf, Thea, Frankfort-on-the-Main, Germany; vested in the Alien Property Custodian. Pin for temporary fastening of buttons. 2,370,696; Mar. 6.
Stupakoff Ceramic & Manufacturing Co.: *See*—
Stark, Rawson E. and D. E., assignors.
Stupakoff, Semon H., assignor.
Stupakoff Laboratories, Inc.: *See*—
Bent, J. H., and Pearson, assignors.
Stupakoff, Semon H., Pittsburgh, assignor, by mesne assignments, to Stupakoff Ceramic and Manufacturing Co., Latrobe, Pa. Composite ceramic and metal structure and making of same. 2,373,720; Apr. 17.
Sturbelle, Lucien C., Brussels, Belgium. Leaching method and apparatus. 2,388,504; Nov. 6.
Sturgeon, Marmaduke T., Baltimore, Md. Folding chair. 2,368,498; Jan. 30.
Sturgess, Inc.: *See*—
Cushman, Everett B., assignor.
Sturgis, Henry F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Analyzing earth formations. 2,379,045; June 26.
Sturm, Fred A., Paterson, N. J. Marking crayon. 2,380,126; July 10.
Sturm, Walter A., Los Angeles, Calif. Screw thread repairing device. 2,374,393; Apr. 24.
Sturr, Margaret T., Haddon Heights, N. J. Jar lifter. 2,388,623; Nov. 6.
Sturrock, James, Cleveland Heights, Ohio, assignor to The Rotor Tool Company. Fluid power motor. 2,373,669; Apr. 17.
Sturrock, Murray G., and T. Lawe, assignors to Dominion Tar & Chemical Company Limited, Montreal, Quebec, Canada. Production of styrenes and other products. 2,373,982; Apr. 17.
Sturtevant, B. F., Company: *See*—
Curtis, Harold W., assignor.
Foss, Benjamin S., assignor.
Hagen, Harold F., assignor.
Hanson, Milton E., assignor.
Hanson, M. E., and Palmer, assignors.
Lincoln, Roland L., assignor.
Salt, Lloyd B., assignor.
Stikeleather, Robert M., assignor.
Young, George H., assignor.
Sturtevant, Paul A., Elmhurst, Ill. Force transmitting measuring mechanism. 2,385,591; Sept. 25.
Stutsman, Paul W., Waltham, assignor to Raytheon Manufacturing Company, Newton, Mass. Secondary electron discharge device. 2,381,012; Aug. 7.
Stutz, Robert C.: *See*—
Schoepflin, P. H., Deverall, and Stutz.
Styberg, E. C., Engineering Co.: *See*—
Styberg, Ernest C., assignor.
Styberg, Ernest C., assignor to E. C. Styberg Engineering Co., Racine, Wis. Grinder. 2,367,069; Jan. 9.
Styers, Paul R., Massillon, Ohio. Airplane pilot's seat. 2,379,385; June 26.
Styll, Harry H., assignor to American Optical Company, Southbridge, Mass. Light polarizing body. 2,387,308; Oct. 23.
Styri, Haakon, Philadelphia, Pa. Cage for roller bearings. 2,371,145; May 1.
Suarez, Luis, Rio de Janeiro, Brazil. Mosquito canopy for beds. 2,375,503; May 8.
Submarine Signal Company: *See*—
Batchelder, Laurence, assignor.
Grabau, William C., assignor.
Harrison, Bertram M., assignor.
Sucetti, Glenn: *See*—
Goodrich, H. R., and Sucetti.
Suda, John S.: *See*—
Bowden, J. J., and Suda.
Suelflow, Alfred G.; G. I. Hansen, executor of said A. G. Suelflow, deceased, assignor to Felins Tying Machine Company, Milwaukee, Wis. Vegetable root washer. 2,370,504; Feb. 27.
Suggate, Harold G.: *See*—
Kendall, J. D., Suggate, and Wood.
Suhm, Rosa: *See*—
Reidenbach, Ledger L., assignor.
Suhr, Fred W., and W. W. Warner, Fort Wayne, Ind., assignors to General Electric Company. Quick reversing single phase motor. 2,380,270; July 10.
Suits, Chauncey G., Schenectady, assignor to General Electric Company, New York, N. Y. High intensity light source. 2,390,816; Dec. 11.
Suits, Chauncey G., Schenectady, N. Y., and G. F. Lincks, Pittsfield, Mass., assignor to General Electric Company. Current limiting fuse. 2,382,271; Aug. 14.
Suk, Richard: *See*—
De Lubicz-Bakanowski, Z., and Suk.
Sukumlyn, Thomas W., Los Angeles, Calif. Producing optical wedges. 2,384,209; Sept. 4.
Sullivan, David J.: *See*—
Edgar, D. E., and Sullivan.
Sullivan, Frances J., Los Angeles, Calif. Cockroach capturing device. 2,372,747; Apr. 3.
Sullivan, George C.: *See*—
Ward, Earl M., assignor.
Sullivan, George C., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Aircraft. 2,367,538; Jan. 16.
Sullivan, James F., Brooklyn, and R. M. Bendett, Jackson Heights, N. Y., assignors to Bendix Aviation Corporation, Bendix, N. J. Electrical apparatus. 2,367,975; Jan. 23.
Sullivan, John D.: *See*—
Austin, C. R., and Sullivan.
Sullivan, John D., and A. E. Pavlish, Columbus, Ohio, assignor, by mesne assignments, to Battelle Development Corporation. Coating cupreous metal with tin. 2,369,620; Feb. 13.
Sullivan Machinery Company: *See*—
Baldwin, C. P., and Vanderzee, assignors.
Curtis, John C., assignor.
Dustin, Ralph C., assignor.
Hayward, John A., assignor.
Maxson, Louis A., assignor.
Osgood, C. F., assignor.
Paget, Win W., assignor.
Simmons, Leon E., assignor.
Wineman, Wade H., assignor.
Sullivan, Mathew D., Flint, Mich. Trailer suspension. 2,386,988; Oct. 16.
Sullivan, Norman M., assignor to Plastic Cases, Inc., Columbus, Ohio. Spectacle case. 2,371,557; Mar. 13.
Sullivan, Robert J., and J. Miller, Houston, Tex., assignors to Standard Oil Development Company. Obtaining high pressure distillate samples. 2,380,271; July 10.
Sullivan, Timothy J., assignor to Sullivan Valve and Engineering Company, Butte, Mont. Heating system. 2,376,632; May 22.
Sullivan Valve and Engineering Company: *See*—
Schrader, Harold D., assignor.
Sullivan, Timothy J., assignor.
Sullivan, Warren L., assignor to Paragon Revolute Corporation, Rochester, N. Y. Strip feeding mechanism. 2,376,204; May 15.
Sullman, Samuel D., London, England. Electric battery torch lamp and the like. 2,379,603; July 3.
Sullwold, Richard H., Los Angeles, Calif., assignor to North American Aviation, Inc. Hydraulic system. 2,384,706; Sept. 11.
Sulzer Freres, S. A.: *See*—
Volks, Herbert, assignor.
Sulzer, Frères, Société Anonyme: *See*—
Huber, Walter, assignor.
Kilchenmann, Walter, assignor.
Lieberherr, Hans, assignor.
Moessinger, Albert, assignor.
Steiner, Hans, assignor.
Traupel, Walter, assignor.
Waeber, Erwin, assignor.
Suman, Robert W., Chicago, Ill., assignor to Link-Belt Company. Stoker. 2,387,781; Oct. 30.
Summerbell, William, Washington, D. C. Firing mechanism. 2,366,758; Jan. 9.
Summerbell, William, Watervliet, N. Y. Fuse. 2,367,699; Jan. 23.
Summers, Ernest W.: *See*—
Jackson, Albert S., and Summers.
Summers, J Mills, Englewood, N. J., assignor to Camloc Fastener Corporation, New York, N. Y. Fastener construction. 2,381,233; Aug. 7.
Summers, J Mills, Englewood, N. J., assignor, by mesne assignments, to Camloc Fastener Corporation, New York, N. Y. Fastener. 2,382,518; Aug. 14.
Summers, Otto M., assignor to The Hydraulic Development Corp., Mount Gilead, Ohio. Radial pump with trunnion mounting of shift ring. 2,371,078; Mar. 6.
Summers, Otto M., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Precision pull-bar testing apparatus. 2,386,989; Oct. 16.
Sumner, John K., Langhorne, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of α-β-dichloropropionitrile. 2,390,470; Dec. 4.
Sun Manufacturing Co.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C.
Sun Oil Company: *See*—
Banks, Daniel B., assignor.
Bruun, J. H., and Hicks-Bruun, assignors.
Jolly, Samuel E., assignor.
Stewart, William H., assignor.
Vose, Richard S., assignor.

Sun Oil Company: *See*—
Barton, P. D., and Dougherty, assignors.
McCorquodale, Wilmer E., Jr., assignor.
Moore, Morton E., assignor.
Perrine, John H., assignor.
Sun Oil Company et al.: *See*—
Thayer, C. H., and Lassiat, assignors.
Sun Rubber Company: *See*—
Rempel, Dietrich G., assignor.
Sun Rubber Company, The: *See*—
Chisnell, John B., assignor.
Fenton, Frank, assignor.
McDermott, Bernard A., assignor.
Smith, Thomas W., Jr., assignor.
Sunbury, Herbert E., Rutherford, N. J., assignor to United States Rubber Company, New York, N. Y. Ironing board cover. 2,382,830; Aug. 14.
Sunday, James J., Detroit, Mich. Refrigeration unit. 2,384,210; Sept. 4.
Sunderland, Oswald O., Fairfield, Conn. Constant torque clutch. 2,371,855: Mar. 20.
Sunderland, Oswald O., Fairfield, Conn. Gun. 2,387,691; Oct. 23.
Sundstrand Machine Tool Co.: *See*—
Granberg, B. R., and Ekstrom, assignors.
Swenson, A. H., and Anderson, assignors.
Wahlmark, Gunnar A., assignor.
Sundstrand, Oscar J., and O. W. Swanson, West Hartford, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Carriage drive mechanism. 2,366,368; Jan. 2.
Sundstrand, Oscar J., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and accounting machine. 2,370,505; Feb. 27.
Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and accounting machine. 2,371,558; Mar. 13.
Sundstrom, Harold C., Chicago, Ill. Applying tubular rivets. 2,387,692; Oct. 23.
Sundt, Edward V., Arcadia, and J. Purcell, El Monte, Calif., assignors to Littlefuse, Inc., Chicago, Ill. Indicator. 2,388,448; Nov. 6.
Sundt, Edward V., Arcadia, and J. Purcell, El Monte, Calif., assignors to Littlefuse, Inc., Chicago, Ill. Indicator. 2,388,449; Nov. 6.
Sundt, Vigo von K., assignor to Gisholt Machine Company, Madison, Wis. Lead screw gear threading box. 2,387,417; Oct. 23.
Sundt, Vigo von K., assignor to Gisholt Machine Company, Madison, Wis. Clutch adjustment. 2,387,418; Oct. 23.
Sunlite Mfg. Company, The: *See*—
Smith, Alva T., assignor.
Sunnen, Joseph, Clayton, Mo. Honing device. 2,376,850; May 22.
Sunnen, Joseph, Clayton, Mo. Honing device. 2,376,851; May 22.
Sunnen, Joseph, Clayton, Mo. Honing machine. 2,377,588; June 5.
Super Electric Products Corp.: *See*—
Goldberg, Simon, assignor.
Super Mold Corporation of California: *See*—
Fuller, Charles M., Jr., assignor.
Glynn, Edwin A., assignor.
Super, Ralph K.: *See*—
Alden, Herbert W., Buckendale, and Super.
Spiller, W. R., Alden, and Super.
Super Vent Window Company: *See*—
Gargiulo, Giuseppe, assignor.
Superba Manufacturing Co., Inc.: *See*—
Katz, J., and Majoros, assignors.
Superdraulic Corporation: *See*—
Hoffer, James F., assignor.
Superheater Company, The: *See*—
Guirl, Howard P., assignor.
Williams, Arthur, assignor.
Williams, A., and Henkel, assignors.
Superior Concrete Accessories: *See*—
Hillberg, Bror, assignor.
Superior Electric Company: *See*—
Conrad, Albert G., assignor.
Superior Oil Company, The: *See*—
McNamee, Bernard F., assignor.
Superior Railway Products Corporation: *See*—
Butts, Armstrong C., assignor.
Superior Steel Corporation: *See*—
Carlson, William A., assignor.
Keene, W. L., and Carlson, assignors.
Superior Valve Manufacturing Company: *See*—
Du Charme, William S., assignor.
Supple, Gilbert, Waban, Mass. Boots and shoes and outsoles therefor. 2,381,937; Aug. 14.
Supplee, Franklin N. P., Philadelphia, Pa. Subirrigation device for the propagation of plants. 2,379,549; July 3.
Supplee, George C., O. G. Jensen, and G. E. Flanigan, Bainbridge, assignors to The Borden Company, New York, N. Y. Liquid treating method. 2,382,033; Aug. 14.
Sunstein, David E., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Tone compensated volume control. 2,388,505; Nov. 6.
Sunstein, David E., Elkins Park, assignor to Philco Corporation, Philadelphia, Pa. Electrical system. 2,389,564; Nov. 20.
Surber, Kenneth F., assignor of one-half to D. L. Miller, Des Moines, Iowa. Tool and holder for turret lathes, screw machines, and the like. 2,366,810; Jan. 9.
Surerus, Victor M., assignor to Inland Steel Company, Chicago, Ill. Reinforcing bar. 2,377,980; June 12.
Surface Combustion Corporation: *See*—
Munford, Theodore W., assignor.
Turin, John J., assignor.
Weller, Harvey C., assignor.
Surrey, Alexander R., Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of malononitrile. 2,389,217; Nov. 20.
Susie, Alfred G., Melrose, assignor, by mesne assignments, to Fuel Research Development Corporation, Boston, Mass. Recovery of sulphonic acids from a reaction mixture resulting from sulphuric acid treatment of aromatic oils. 2,373,793; Apr. 17.
Sussman, Harry: *See*—
Cunningham, O. B., Sussman, and Gubin.
Susunaga, Salustiano L., San Sebastian, Spain. Electrical or mechanical dry shaving apparatus. 2,370,331; Feb. 27.
Suszholz, Armin, Cleveland, Ohio. Shoe tree. 2,378,337; June 12.
Sutcliffe, Edgar R., Lowton, Newton-le-Willows, and W. E. Edwards, Leigh, assignors to Sutcliffe, Speakman & Company Limited, Leigh, Lancashire, England. Adsorption filter. 2,379,321; June 26.
Sutcliffe, Speakman & Company Limited: *See*—
Sutcliffe, E. R., and Edwards, assignors.
Sutcliffe, William M., Bay Village, Ohio. Automatic aiming control. 2,377,589; June 5.
Suter, Alexander, Basel, Switzerland, assignor to "Spiku"-Trust, Vaduz, (Liechtenstein). Cylinder lock. 2,390,471; Dec. 4.
Sutherland, Clarence R., Dayton, Ohio. Coin receptacle. 2,370,204; Feb. 27.
Sutherland, David B.: *See*—
Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.
Sutherland, Edwin M., East Cleveland, and C. H. Endress, Cleveland Heights, assignors to Willard Storage Battery Company, Cleveland, Ohio. Storing and filling batteries. 2,382,675; Aug. 14.
Sutherland, Ernest E.: *See*—
Barnsteiner, A., and Sutherland.
Sutherland, Ernest E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating apparatus. 2,375,047; May 1.
Sutherland, John G., Toronto, Ontario, Canada. Battery terminal connection. 2,384,211; Sept. 4.
Sutherland Paper Company: *See*—
Buttery, Kenneth T., assignor.
Rutledge, Robert E., assignor.
Sutliffe, Frank C., Mill Valley, and R. Ashley, Almonte, assignors to Air Balance Instrument Co., San Francisco, Calif. Pressure gauge. 2,372,864; Apr. 3.
Sutphen, Robert M.: *See*—
Couse, K. W., Young, and Sutphen.
Sutter, Edward R., assignor to Beau-T-Form Foundations, Inc., Chicago, Ill. Detachable shield for foundation garments. 2,377,050; May 29.
Sutter, Edward R., assignor to Beau-T-Form Foundations, Inc., Chicago, Ill. Detachable shield for foundation garments. 2,379,762; July 3.
Sutter, Edward R., assignor to Beau-T-Form Foundations, Inc., Chicago, Ill. Anchoring means for foundation garments. 2,380,272; July 10.
Sutter, Frederick E.: *See*—
Romanelli, E., and Sutter.
Sutter, Otto W., Fond du Lac, Wis., assignor to American Type Founders, Inc., Elizabeth, N. J. Bookbinding. 2,366,572; Jan. 2.
Sutterfield, Noel H.: *See*—
Wilson, J. A., and Sutterfield.
Sutton Engineering Company: *See*—
Sutton, John B., assignor.
Sutton, Frank G., Key West, Fla. Chain mandrel for bending pipes. 2,380,344; July 10.
Sutton, John B., assignor to Sutton Engineering Company, Pittsburgh, Pa. Round straightener. 2,376,401; May 22.
Sutton, Mack, Hammond, and C. W. Nysewander, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion system. 2,379,550; July 3.
Sutton, Mack, Hammond, and C. W. Nysewander, Highland, Ind., assignors to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion system. 2,382,815; Aug. 14.
Sutton, Otis B., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,377,051; May 29.
Suwa, Ignaz F.: *See*—
Yawitz, M., and Suwa.
Suwa, Ignaz F., Jackson Heights, assignor to Fish-Schurman Corporation, New York, N. Y. Universal type grinding tool. 2,388,020; Oct. 30.
Suydam, Clinton H., Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Device for testing crystals. 2,375,260; May 8.
Sveda, Michael, Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,383,752; Aug. 28.

Svenska Aktiebolaget Bromsregulator: *See*—
Alexandersson, H. V., and Hagren, assignors.
Browall, Bert H., assignor.
Diurson, Axel R. K., assignor.
Nilsson, Ragnar H., assignor.
Svenska Aktiebolaget Philips: *See*—
Falk, S. G., assignor.
Svenska Kassaregisteraktiebolaget: *See*—
Lindstein, Vigo W., assignor.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Material working apparatus. 2,372,692; Apr. 3.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Fluid pumping mechanism. 2,382,452; Aug. 14.
Svenson, Ernest J., Rockford, assignor, by mesne assignments, to Odin Corporation, Chicago, Ill. Valve mechanism. 2,388,716; Nov. 13.
Svensson, Bror W., Ostersund, Sweden. Folding ski. 2,375,504; May 8.
Svikhart, Miles L., Garden City Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Material applying apparatus. 2,376,832; May 22.
Svirsky, Bennett, Glendale, Calif. Water control for toilet tanks. 2,376,402; May 22.
Svirsky, Bennett, Glendale, Calif. Ball cock valve structure. 2,390,134; Dec. 4.
Svoboda, Antonin, Forest Hills, N. Y. Analyzer. 2,366,658; Jan. 2.
Svoboda, Antonin, Forest Hills, N. Y. Fire director for antiaircraft guns. 2,372,613; Mar. 27.
Svoboda, Antonin, Forest Hills, N. Y. Fire director apparatus for antiaircraft guns. 2,385,952; Oct. 2.
Swahn, Charles J., et al.: *See*—
Bakke, Robert, assignor.
Swain, Frank E., Ewell, England. Fluid-pressure engine. 2,387,540; Oct. 23.
Swain, Robert C.: *See*—
Caldwell, W. F., Swain, and Paden.
Swain, Robert C., Riverside, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of cyanamide reaction products. 2,371,480; Mar. 13.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Alkylated melamine-formaldehyde coating compositions. 2,378,363; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Batavia dammar resin coating compositions. 2,378,364; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing methyl methacrylate. 2,378,365; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Rosin-modified phenol-formaldehyde resin coating compositions. 2,378,366; June 12.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing benzyl cellulose. 2,379,604; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Benzyl cellulose coating compositions. 2,379,605; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Cycloparaffin polymer coating compositions. 2,379,606; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing cycloparaffin type polymers. 2,379,607; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing cycloparaffin type polymers and octylated melamine-formaldehyde resins. 2,379,608; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing coumarone-indene polymers. 2,379,609; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing hydrocarbon polymers. 2,379,610; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Hydrocarbon polymer-containing coating compositions. 2,379,611; July 3.
Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing benzylated melamine-formaldehyde resins. 2,379,612; July 3.
Swalheim, Donald A., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing fluorides. 2,372,032; Mar. 20.
Swallow, Joseph L., Lombard, assignor to Wells-Gardner & Co., Chicago, Ill. Automatic radio tuner. 2,366,573; Jan. 2.
Swan, Donald R.: *See*—
Beguin, A. E., and Swan.
Swan, Donald R., and J. M. Calhoun, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilizing of nitrocellulose. 2,378,594; June 19.
Swan, Donald R., assignor to Eastman Kodak Company, Rochester, N. Y. Gelatin coating composition. 2,388,881; Nov. 13.
Swan, Moranus A., Los Angeles, Calif. Rearview reflector for attachment to eye glasses. 2,371,196; Mar. 13.
Swaney, Miller W.: *See*—
Morrell, C. E., and Swaney.
Robey, R. F., and Swaney.
Swaney, Miller W., Cranford, and L. K. Beach, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Producing olefinic compounds. 2,376,205; May 15.
Swaney, Robert C., Newton, Mass. Adjustable and collapsible floating crane. 2,378,254; June 12.
Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car wall. 2,382,519; Aug. 14.
Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Wall structure. 2,390,472; Dec. 4.
Swanson, Albert N., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Coating for and method of scale formation control on slabs and the like. 2,378,338; June 12.
Swanson, Alfred J., Los Angeles, Calif. Hydraulic control. 2,385,891; Oct. 2.
Swanson, Arthur H.: *See*—
Spangenberg, C. B., and Swanson.
Swanson, Bernard A., Port Angeles, Wash. Fluid power transmission mechanism. 2,379,938; July 10.
Swanson, David A., Chicago, Ill. Front hanger for convertible tandem bicycles. 2,385,892; Oct. 2.
Swanson, Earl C., P. C. Gaskell, and H. A. Smothermon, assignors to Andersen Corporation, Bayport, Minn. Window structure. 2,378,255; June 12.
Swanson, Earnest F.: *See*—
Shaw, B. E., and Swanson.
Swanson, Edward V., San Francisco, Calif. Making a wood preserving composition. 2,370,378; Feb. 27.
Swanson, Edwin C.: *See*—
Abramson, J. H., and Swanson, assignors.
Swanson, Frank, and E. I. Erikson, assignors to Linotype Parts Company, Weatherly, Pa. Grinding material. 2,390,967; Dec. 11.
Swanson, George W., Denver, Colo. Tractor cultivator. 2,372,403; Mar. 27.
Swanson, Nels H., Chicago, Ill. Combined coin purse and billfold. 2,390,748; Dec. 11.
Swanson, Oscar W.: *See*—
Sundstrand, O. J., and Swanson.
Swanson, Ray, et al.: *See*—
Wade, John L., assignor.
Swanstrom, Carl A., Maplewood, assignor to Elastic Stop Nut Corporation, Elizabeth, N. J. Nut. 2,385,851; Oct. 2.
Swanstrom, Klas A., assignor to Elastic Stop Nut Corporation, Union, N. J. Self locking coupling nut. 2,385,953; Oct. 2.
Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way carrier wave signal transmission system. 2,386,515; Oct. 9.
Swarthout, William N., Washington, D. C. Pile cap. 2,390,625; Dec. 11.
Swartwout Company, The: *See*—
Mastenbrook, H. J., and Swartwout III, assignors.
Wiseman, Earl L., assignor.
Swartwout, Denton K., III: *See*—
Mastenbrook, H. J., and Swartwout III.
Swartz, Alexander G., and F. K. Moore, assignors to Albert Specialty Company, Chicago, Ill. Coil winding machine and making wire coils. 2,379,666; July 3.
Swartz, Charles A.: *See*—
Searles, A., and Swartz, assignors.
Swartz, Frank C., Youngstown, Ohio, assignor to Carnegie-Illinois Steel Corporation. Hot-blast stove. 2,376,099; May 15.
Swartz, George W.: *See*—
McElhoe, C. B., and Swartz.
Swartz, William L., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Revolver crane lock. 2,382,676; Aug. 14.
Swartzbaugh Manufacturing Company, The: *See*—
Baunach, Roy J., assignor.
Swartzwelder, Alvin H., Santa Monica, Calif. File sharpening machine. 2,375,703; May 8.
Swayze, Myron A., Hudson, assignor to Lone Star Cement Corporation, New York, N. Y. Portland cement and retarding the setting rate thereof. 2,374,628; Apr. 24.
Swazy, Earl F.: *See*—
Larsen, E. I., Heil, and Swazy.
Swearingen, Clair V., Chattanooga, Tenn. Valve mechanism. 2,384,977; Sept. 18.
Swebilius, Carl G., Hamden, Conn. Box-magazine construction for repeating firearms. 2,372,614; Mar. 27.
Swebilius, Carl G., Hamden, Conn. Gas-operated self-loading firearm. 2,373,204; Apr. 10.
Swebilius, Carl G., Hamden, Conn. Repeating firearm. 2,373,794; Apr. 17.

Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator and tray construction. 2,386,150; Oct. 2.
Sweeney, Beauregard: *See*—
Thurston, A. L., and Sweeney.
Sweeney, Hugh J.: *See*—
Neely, Charles A., assignor.
Sweeney, John H., Philadelphia, Pa. Rubber cutting machine. 2,367,243; Jan. 16.
Sweeney Lithograph Company, Inc.: *See*—
Salussolia, Battista, assignor.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Separation of hydrocarbons. 2,378,808; June 19.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,387,309; Oct. 23.
Sweeney, William J., Summit, N. J., assignor to Standard Oil Development Company. Carrying out isomerization reactions. 2,387,541; Oct. 23.
Sweet, Alva L., and M. O. Bassett, Schenectady, N. Y., assignors to General Electric Company. Resilient support. 2,379,763; July 3.
Sweet, Carroll V., Madison, Wis., dedicated to the free use of the people in the territory of the United States. Building panel. 2,381,469; Aug. 7.
Sweet, Laurence A., Huntington Park, Calif. Automatic center punch. 2,384,707; Sept. 11.
Sweet, Reginald C., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Gravity meter. 2,383,997; Sept. 4.
Swenarton, Waitstill H., Montclair, N. J. Method of and apparatus for sandblasting of ship's hulls. 2,387,193; Oct. 16.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Automatic transmission. 2,371,574; Mar. 13.
Swenson, Arthur H., and P. A. Anderson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Hydraulic system. 2,386,990; Oct. 16.
Swenson, Carl E.: *See*—
Dodge, Adiel Y., and Swenson.
Swenson, Carl E., Rockford, Ill. One-way clutch. 2,386,013; Oct. 2.
Swertfager, William A., and C. L. Clark, Warren, assignors to Mullins Manufacturing Corporation, Salem, Ohio. Stripper mechanism. 2,369,187; Feb. 13.
Swett, Adelbert P.: *See*—
Beckwith, E. L., and Swett.
Swezey, Burdette S., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph apparatus. 2,367,901; Jan. 23.
Swezey, John W.: *See*—
Jones, P. W., and Swezey.
Swickard, Andrew E., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Piezoelectric crystal. 2,386,916; Oct. 16.
Swift, Bert, Tulsa, Okla. Steam trap governor. 2,390,749; Dec. 11.
Swift Business Machines Corporation: *See*—
Llorens, Louis M., assignor.
Swift, Cyrus, Chicago, Ill. Timer. 2,377,461; June 5.
Swift, Cyrus, Chicago, Ill. Electric motor. 2,383,828; Aug. 28.
Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Goldbeater lubrication material. 2,391,653; Dec. 25.
Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Goldbeater's lubricant. 2,391,654; Dec. 25.
Swift, Ernest H., Pasadena, Calif. Staining concrete. 2,379,502; July 3.
Swift, Gilbert: *See*—
Scherbatskoy, S. A., Fearon, Neufeld, and Swift.
Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,372,748; Apr. 3.
Swift, Howard E., and E. R. Davis, assignors to Foster Machine Company, Westfield, Mass. Winding machine. 2,372,136; Mar. 20.
Swift, John F., Detroit, Mich., assignor to Hydraulic Brake Company. Fluid coupling. 2,381,187; Aug. 7.
Swift, Lawrence M., Tulsa, Okla., assignor to Engineering Laboratories, Incorporated. Recorder. 2,389,828; Nov. 27.
Swift, M., & Sons, Inc.: *See*—
Kohler, John, assignor.
Swift, Donald D., assignor.
Swift Rifle Company Limited, The: *See*—
De Lubicz-Bakanowski and Minns, assignors.
Swift, Rodney B., West Alexandria, Ohio. Portable oxygen-acetylene generator. 2,381,319; Aug. 7.
Swift, Roy D., Jr., Terril, Iowa. Spoon holder. 2,368,898; Feb. 6.
Swift, Walter G., Detroit, Mich. Smoking pipe. 2,385,312; Sept. 18.
Swift, Willard E., Jr., Worcester, Mass. Antibacklash device. 2,372,693; Apr. 3.
Swift, Willard E., Jr., Worcester, Mass. Two-way overrunning clutch. 2,378,954; June 26.
Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Envelope. 2,389,748; Nov. 27.
Swindin, Norman, assignor to Nordac Limited, London, England. Deformable diaphragm for pumps and the like. 2,372,302; Mar. 27.
Swindle, John A., Whittier, Calif. Chart changer. 2,381,188; Aug. 7.
Swindle, John A., Whittier, Calif. Liquid meter. 2,383,226; Aug. 21.
Swinehart, Carl F., University Heights, and J. O. Hay, Cleveland Heights, assignors to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of cupric chloride. 2,267,153; Jan. 9.
Swiss Company of Society of Chemical Industry in Basle: *See*—
Graenacher, C., Streuli, and Meyer, assignors.
Swiss firm of Society of Chemical Industry in Basle: *See*—
Albrecht, Otto, assignor.
Switlik Parachute Company: *See*—
Dearstyne, L., and Rutkowski, assignors.
Switlik, Stanley, Trenton, N. J. Parachute canopy. 2,367,244; Jan. 16.
Switzer, Asa O., Melrose, Ohio. Lamp tube changer. 2,381,563; Aug. 7.
Switzer, Joseph L., et al.: *See*—
Ellis, Greer, assignor.
Williams, David H., assignor.
Switzer, Robert C., et al.: *See*—
Ellis, Greer, assignor.
Williams, David H., assignor.
Swope, Joen E., Jr., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for forming corrosion resisting films. 2,384,576; Sept. 11.
Swyers, Tamplin H., St. Albans, W. Va. Tube flanging tool. 2,370,089; Feb. 20.
Sydenham, Harold G., U. S. Army, H. W. Clowe, U. S. Army, Pittsburgh, Pa., and A. E. Du Bois, Washington, D. C. Protective cover. 2,368,272; Jan. 30.
Sykes, James E., Seattle, Wash. Ship, 2,374,467; Apr. 24.
Sykes, Robert E., and B. H. Moser, assignors to The De Vilbiss Company, Toledo, Ohio. Spray coating machine. 2,383,023; Aug. 21.
Sykes, Roger A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave filter. 2,373,431; Apr. 10.
Sylvania Electric Products Inc.: *See*—
Baxter, Clement T., assignor.
Betts, Mazeppa D., assignor.
Carnahan, Chalon W., assignor.
Demb, Kenneth, assignor.
Gates, Paul E., assignor.
Gaun, H. M., and Gessford, assignors.
Ishler, Harry K., assignor.
Kingston, Walter E., assignor.
Maurette, René G., assignor.
McCarthy, Henry J., assignor.
Ratchford, H. L., and Smithgall, assignors.
Sylvania Industrial Corporation: *See*—
Clark, James A., assignor.
Cornwell, Ralph T. K., assignor.
Kiser, Nathaniel L., assignor.
Little, John W., assignor.
Reichel, F. H., and Cornwell, assignors.
Wallach, R. N., and Zender, assignors.
Sylvester, Evander W.: *See*—
Clinkscale, R. W., Hague, and Sylvester.
Symmes, Daniel D.: *See*—
Ramstedt, E., and Symmes.
Symmes, Daniel D., West Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Strand engaging drum. 2,389,878; Nov. 27.
Symmes, Ernest M., Wilmington, Del. Photography. 2,381,234; Aug. 7.
Symons, Arthur H., assignor to Symons Clamp & Mfg. Company, Chicago, Ill. Shore. 2,368,385; Jan. 30.
Symons Clamp & Mfg. Company: *See*—
Symons, Arthur H., assignor.
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Power plant for vibrating screens. 2,367,070; Jan. 9.
Symons, William J., Van Nuys, Calif. Propeller pitch control. 2,381,991; Aug. 14.
Synan, Francis J.: *See*—
Vincent, G. P., Dubeau, and Synan.
Synben Aktiengesellschaft: *See*—
Coupard, Christian J., assignor.
Synchromatic Air Conditioning Corporation: *See*—
Jaye, Richard C., assignor.
Synchrome Corporation: *See*—
Wright, Walter L., assignor.
Syndicate Products Co.: *See*—
Stone, Noah, assignor.
Synnestvedt, Kenneth P., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Rotative winged aircraft. 2,376,523; May 22.
Synochem Corporation: *See*—
Kreidl, I. and W., assignors.
Syntron Company: *See*—
Burt, Ralph, assignor.
Syracuse Chilled Plow Co., Inc.: *See*—
Young, Austin E., assignor.
Syrovy, Augustin J.: *See*—
Neracher, C. A., Dunn, Iavelli, and Syrovy.

Syz, Werner, Neuhausen-on-the-Rheinfall, assignor to Aluminium Industrie Aktien-Gesellschaft, Chippis, Switzerland. Producing burnt dolomite. 2,380,480; July 31.
Szalay, Ferenc, Budapest, Hungary; vested in the Alien Property Custodian. Current collector for electric vehicles. 2,382,751; Aug. 14.
Szeglin, Andrew, Hempstead, and J. Kreisler, New Rochelle, N. Y., assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Expansible wrist watch band, bracelet, or the like. 2,376,633; May 22.
Szegvari, Andrew, Fairlawn, and A. H. Feikert, Wadsworth, assignors to American Anode Inc., Akron, Ohio. Composition for treating fibrous materials. 2,373,613; Apr. 10.
Szegvari, Andrew, Fairlawn, and A. H. Feikert, Wadsworth, assignors to American Anode, Inc., Akron, Ohio. Aqueous dispersion. 2,373,614; Apr. 10.
Szegvari, Andrew, Fairlawn, and A. H. Feikert, Wadsworth, assignors to American Anode, Inc., Akron, Ohio. Aqueous dispersion. 2,373,615; Apr. 10.
Szekely Company, Inc., The: *See*—
Szekely, Otto E., assignor.
Szekely, Otto E., assignor to The Szekely Company, Inc., Philadelphia, Pa. Aircraft supercharger drive. 2,390,626; Dec. 11.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Power, voltage, or current regulator. 2,368,582; Jan. 30.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Frequency modulation detector. 2,373,616; Apr. 10.
Sziklai, George C., Princeton, N. J., assignor to Radio Corporation of America. Color television. 2,386,074; Oct. 2.
Sziklai, George C., Bloomington, Ind., assignor to Radio Corporation of America. Signal recording and reproducing method. 2,373,273; Apr. 10.
Szogren, Walter O., Worcester, Mass. Cylinder covering mechanism. Re. 22,655; July 3.
Szymlek, Wladyslav, Techny, Ill. Picture album. 2,367,381; Jan. 16.
T. I. (Group Services) Limited: *See*—
Hackett, George, assignor.
T & S Corporation: *See*—
Strid, Sven J., assignor.
Tabb, Warner T.: *See*—
Purdy, E. M., and Tabb.
Tabb, Warner T., assignor to Eisemann Corporation, Brooklyn, N. Y. Lubrication system for fuel injecting pumps. 2,370,506; Feb. 27.
Tabb, Warner T., Brooklyn, assignor to Reconstruction Finance Corporation, New York, N. Y. High-pressure fluid pump. 2,372,694; Apr. 3.
Tabb, Warner T., and E. M. Purdy, Brooklyn, assignors, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Fuel injection nozzle. 2,376,292; May 15.
Tabellione, Michael, Meriden, Conn. Wrecking bar. 2,382,831; Aug. 14.
Taber, Frederic H., New Bedford, Mass. Apparatus for applying wearing surface coatings to tires. 2,368,172; Jan. 30.
Taber, Ralph F., North Tonawanda, N. Y. Edging machine. 2,383,896; Aug. 28.
Taber, Roscoe M., Kalamazoo, Mich. Apparatus for treating wood and dip treating various articles. 2,377,053; May 29.
Taberlet, Fred R., Forest Hills, N. Y. Nonmetallic separable fastener and making the same. 2,389,565; Nov. 20.
Tabor-Hedges Company: *See*—
Wallace, F. R., and Hedges, assignors.
Tabor Manufacturing Company: *See*—
Eastwood, Abraham B., assignor.
Taborski, Alfred F., Buffalo, N. Y. Necktie. 2,391,655; Dec. 25.
Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,368,621; Feb. 6.
Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Rotor brake. 2,377,190; May 29.
Tack, Carl E., and L. G. Vree, assignors to American Steel Foundries, Chicago, Ill. Rotor. 2,380,085; July 10.
Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake head balancing device. 2,380,803; July 31.
Tackett, Elijah, High Splint, Ky. Railroad track cleaner. 2,374,312; Apr. 24.
Tacoma Tent and Awning Company: *See*—
Wallace, Milton S., assignor.
Taft, George H., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stabilizer for polyvinyl chloride compositions. 2,378,739; June 19.
Taft Raymond C., Wallingford, Vt., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Ski pole construction. 2,387,194; Oct. 16.
Taft-Pierce Manufacturing Company, The: *See*—
Miller, Paul V., assignor.
Tager, Frank, New York, N. Y. Rotary mold filling machine. 2,387,782; Oct. 30.
Taggart, Thomas R., Salem, Oreg. Scoop loader. 2,386,410; Oct. 9.
Tagliabue, Charles J., Mfg. Co.: *See*—
Erbguth, Paul F. K., assignor.
Tait, John, San Francisco, Calif. Periodical dispenser. 2,380,345; July 10.
Takac, Louis P., Jr., Chicago, Ill. Adjustable dog stop release for turret lathes. 2,386,014; Oct. 2.
Talalay, Joseph A., Boston, assignor to Converse Rubber Company, Malden, Mass. Apparatus for determining hardness. 2,377,590; June 5.
Talbert, Henry A., Churchill, and C. E. Staples, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,390,010; Nov. 27.
Talbot, Alfred H., and H. H. Kroh, Flint, Mich.; said Kroh assignor of one-sixth to said Talbot. Boring tool setting gauge. 2,375,448; May 8.
Talbott, John H., and W. R. Christensen, U. S. Army, Lawrence, Mass. Drawstring fastener. 2,388,717; Nov. 13.
Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Rail drill and chuck therefor. 2,376,524; May 22.
Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Single rail grinder. 2,378,512; June 19.
Talboys, Henry H., and H. E. Erickson, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Drill chuck. 2,389,749; Nov. 27.
Talge, Foster L., et al.: *See*—
Landry, William J., assignor.
Talge, Henry J., et al.: *See*—
Landry, William J., assignor.
Taliaferro, William R., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system. 2,385,041; Sept. 18.
Taliaferro, William R., Edgewood, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Circuit breaker control system. 2,385,042; Sept. 18.
Talley, Henry A. E., London, England. Apparatus for mixing gases. 2,379,551; July 3.
Talley, Henry A. E., assignor to Medical & Industrial Equipment Limited, London, England. Apparatus for administering anaesthetics. 2,384,354; Sept. 4.
Tama, Manuel and M., Morrisville, Pa., assignors to Ajax Engineering Corporation, Trenton, N. J. Slag removal. 2,375,049; May 1.
Tama, Manuel and M., Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Submerged resistor type induction furnace. 2,381,523; Aug. 7.
Tama, Manuel and M., Morrisville, Pa., assignors to Ajax Engineering Corporation, Trenton, N. J. Cooling system for induction furnaces. 2,389,218; Nov. 20.
Tama, Mario: *See*—
Tama, Manuel and M.
Tama, Mario, Morrisville, Pa., assignor to Ajax Engineering Corporation, Trenton, N. J. Twin coil furnace. Re. 22,602; Feb. 13.
Tama, Mario, Morrisville, Pa., and J. L. Hoff, Pennington, assignors to Ajax Engineering Corporation, Trenton, N. J. Tilting furnace. 2,368,173; Jan. 30.
Tambini, Eugene, Milford, Conn. Shoe. 2,382,272; Aug. 14.
Tamburro, Francis P.: *See*—
Townsend, N. F., and Tamburro.
Tanaka, Nawokich, New York, N. Y. Reflection means for presenting pictures. 2,374,566; Apr. 24.
Tanaka, Nawokich, New York, N. Y. Refraction means for presenting pictures. 2,386,075; Oct. 2.
Tandetzke, Karl, Berlin, Germany; vested in the Alien Property Custodian. Automobile roof. 2,390,193; Dec. 4.
Tanenbaum, Joseph, Toronto, Ontario, Canada. Automobile crane. 2,383,426; Aug. 21.
Tangerman, William J., Hammond, Ind., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Operating means for railway car doors. 2,369,323; Feb. 13.
Tangerman, William J., Hammond, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car structure. 2,380,086; July 10.
Tann, Beue, Washington, D. C. Cryptographic machine. 2,389,093; Nov. 13.
Tann, William E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Composition of matter. 2,381,388; Aug. 7.
Tannehill, Vernon L., Fort Wayne, Ind. Valve. 2,386,726; Oct. 9.
Tannenbaum, Henry, New York, N. Y. Baby carriage. 2,390,671; Dec. 11.
Tannenberg, Joseph, Batavia, N. Y. Method and apparatus for treating pipettes and the like. 2,366,369; Jan. 2.
Tanner, Charles A., Jr.: *See*—
Cauwenberg, W. J., and Tanner.
Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,381,013; Aug. 7.
Tanner, Elo C., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,387,622; Oct. 23.
Tanner, Howard A.: *See*—
Hunter, W. F., Jr., Tanner, and Gillmor.

Tanner, Howard A., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of cellulose mixed esters. 2,370,332; Feb. 27.

Tanner, Robert R., Birmingham, assignor to Parker Rust-Proof Company, Detroit, Mich. Apparatus for rust-proofing sheet metal. 2,373,432; Apr. 10.

Tanner, Robert R., Birmingham, assignor to Parker Rust Proof Company, Detroit, Mich. Expediting chemical coatings on metal. 2,373,433; Apr. 10.

Tanner, Robert R., Bloomfield Village, assignor to Parker Rust-Proof Company, Detroit, Mich. Treated metal sheet and making same. 2,391,656; Dec. 25.

Tannous, Richard: *See*—
Burdett, A. W., Tannous, and Tolley.

Taplin, Kenneth W., Minneapolis, Minn. Toy. 2,373,205; Apr. 10.

Taplin, Kenneth W., Minneapolis, Minn. Sounding toy. 2,380,273; July 10.

Tapp, Ernest T. J.: *See*—
Van den Bosch, F. J. G., and Tapp.

Tapp, John R., et al.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C., assignors.

Tappan, Charles O., deceased, Brooklyn, N. Y., E. J. S. Farrell, administrator, assignor to K. H. Tappan, East Hartford, Conn. Stemming device for explosive charges. 2,388,232; Oct. 30.

Tappan, Kirby H.: *See*—
Tappan, Charles O., assignor.

Tappan Stove Company, The: *See*—
Hoff, John G., assignor.

Tappin, James: *See*—
Raw, Charles, assignor.

Tarbox, John P., Philadelphia, Pa., assignor, by mesne assignments, to Industrial Rayon Corporation. Method of and device for treating threads and the like. 2,368,386; Jan. 30.

Tarbox, L. A., Cranford, N. J. Sign device. 2,383,024; Aug. 21.

Tarbox, Leon A., Cranford, N. J., assignor to The Lummus Company, New York, N. Y. Filtration. 2,385,238; Sept. 18.

Tariff, George E., Beechurst, N. Y. Making laminated structures. 2,386,821; Oct. 16.

Tarlitz, Leo, Brooklyn Heights, Ohio. Articulated frame. 2,367,071; Jan. 9.

Tarnopol, Milton S., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass tank. 2,385,954; Oct. 2.

Tarof, Ernest L., Cupsaw Lake, assignor to Kerlow Steel Flooring Company, Jersey City, N. J. Grating. 2,390,194; Dec. 4.

Tarr, Roderic D., Biddeford, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Textile drawing mechanism. 2,389,581; Nov. 20.

Tartaglia, Richard A.: *See*—
Remington, F., and Tartaglia.

Tarvin, Eugene R., assignor to Frantz Manufacturing Company, Sterling, Ill. Window sash operator. 2,368,622; Feb. 6.

Tarwater, Lawson, and W. R. McKenzie, assignors of ten per cent to Six Wheels, Inc., Los Angeles, Calif. Lock nut. 2,391,279; Dec. 18.

Tascher, Eugene S., Ingleside, Ill., assignor to National Biscuit Company, New York, N. Y. Flour duster. 2,390,195; Dec. 4.

Tashjian, Armen H., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Cantilever retaining wall structure and making the same. 2,388,624; Nov. 6.

Tasso, Antonio, Genoa, Italy; vested in the Alien Property Custodian. Automatic silk-titre regulating device. 2,378,595; June 19.

Tate, Bertram C., Brooklyn, N. Y. Removable bottle cap. 2,373,434; Apr. 10.

Tate, Virgil R., assignor to Perfex Corporation, Milwaukee, Wis. Burner control apparatus. 2,370,205; Feb. 27.

Tate, Virgil R., assignor to Perfex Corporation, Milwaukee, Wis. Stoker control system. 2,373,150; Apr. 10.

Tatge, Robert W., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket having a copy mass containing a bile salt. 2,368,583; Jan. 30.

Tatlow, Percy: *See*—
Hulbert, I. J., and Tatlow.

Tatlow, Percy, and I. J. Hulbert, assignors to Rotax Limited, Willesden Junction, London, England. High-tension spark ignition magneto. 2,390,338; Dec. 4.

Tator, Kenneth, Fairfax County, Va., and G. Holmgren, Washington, D. C. Paper dispenser. 2,390,399; Dec. 4.

Taurman, Alphonso, Birmingham, Ala., and L. H. Hyneman, Atlanta, Ga. Container holder. 2,370,822; Mar. 6.

Tauscher, Vernon A., Inglewood, Calif. Cable tension regulator. 2,375,050; May 1.

Tauser, Charles H., Venita Park, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Self-contained die set. 2,384,708; Sept. 11.

Tavelin, Jacob E., Saratoga Springs, N. Y. Train booster. 2,391,657; Dec. 25.

Tawney, Gereld L., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electromagnetic apparatus. 2,381,320; Aug. 7.

Tawney, Gereld L., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Transmission line. 2,387,783; Oct. 30.

Tawney, Gereld L., Hempstead, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrical time delay line. 2,390,563; Dec. 11.

Taylor, Albert, Detroit, Mich. Combined canopy and garment protector. 2,384,212; Sept. 4.

Taylor, Arthur W. C.: *See*—
Bremner, J. G. M., Reynolds, and Taylor.
Bremner, J. G. M., Stanley, Jones, and Taylor.

Taylor, Auburn, Charleston, W. Va., and E. W. Worthington, assignors to The Goss Printing Press Company, Chicago, Ill. Printing press inking means and mechanism. 2,368,500; Jan. 30.

Taylor, August M., Clarendon, Tex., assignor of one-half to B. Wilkinson, Fort Collins, Colo. Reflector element. 2,367,154; Jan. 9.

Taylor, Carl R., Cleveland Heights, assignor to The Cream Cone Machine Company, Cleveland, Ohio. Confection handling apparatus. 2,366,941; Jan. 9.

Taylor, Charles B., Buffalo, N. Y. Muffler. 2,387,476; Oct. 23.

Taylor, Charles C., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio receiving system. 2,375,051; May 1.

Taylor, Charles H., Springfield, Mass., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. Re. 22,594; Jan. 23.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,372,033; Mar. 20.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,372,404; Mar. 27.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mounting means for motor fan units of suction cleaners. 2,372,749; Apr. 3.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaner apparatus. 2,373,274; Apr. 10.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,375,331; May 8.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaning apparatus. 2,382,348; Aug. 14.

Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Suction cleaning apparatus. 2,390,196; Dec. 4.

Taylor, Clarence C.: *See*—
Leo, H. T., and Taylor.
Leo, H. T., Taylor, and Lindsey.

Taylor, Clarence G., Alliance, Ohio. Making self-aligning bearings. 2,382,349; Aug. 14.

Taylor, Claude C., et al.: *See*—
Gaffey, Edgar W., assignor.

Taylor, Clyde B.: *See*—
Allen, F. M., and Taylor.

Taylor, David E., Philadelphia, Pa. Cigarette humidifier. 2,371,919; Mar. 20.

Taylor, Daniel D., Altadena, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Analytical system. 2,373,151; Apr. 10.

Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Pressure actuated valve. 2,376,525; May 22.

Taylor, Daniel G., Minneapolis, and W. H. Gille, St. Paul, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control system. 2,385,426; Sept. 25.

Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,388,350; Nov. 6.

Taylor, Dell G., assignor of one-half to A. W. Tondreau, Los Angeles, Calif. Filter. 2,372,865; Apr. 3.

Taylor, Edmund R.: *See*—
Staples, E. M., Taylor, and Michael.

Taylor, Edward S., Lincoln, Mass., assignor to Wright Aeronautical Corporation. Gear systems. 2,386,367; Oct. 9.

Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,367,382; Jan. 16.

Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,370,206; Feb. 27.

Taylor Engineering Company, et al.: *See*—
Hill, Robert H.

Taylor, Ernest W., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Bridge crane. 2,366,574; Jan. 2.

Taylor, Ernest W., and P. Nielsen, assignors to Industrial Brownhoist Corporation, Bay City, Mich. Boom head. 2,368,333; Jan. 30.

Taylor, Eugene C., Chevy Chase, Md., assignor to Carter Carburetor Corporation, St. Louis, Mo. Motor pump unit. 2,370,590; Feb. 27.

Taylor, Eugene D., Pasadena, Calif. Life raft. 2,367,902; Jan. 23.

Taylor Fibre Company: *See*—
Rose, William, assignor.

Taylor, Florence E., et al.: *See*—
Du Bois, Joseph E., assignor.

Taylor, Frank W., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hydraulic system for stabilizers. 2,381,162; Aug. 7.

Taylor, Fred P., Auburn, Maine, assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel breasting machine. 2,383,025; Aug. 21.

Taylor, Galen M., U. S. Army, Cooper, Tex. Apparatus for loading guns. 2,385,387; Sept. 25.

Taylor, George E.: *See*—
Dvornikoff, M. N., and Taylor.

Taylor, George E., Chicago, Ill., assignor to S. E. Sosna and G. E. Taylor, jointly, as trustees. Spring assembly. 2,388,882; Nov. 13.

Taylor, George E., Anniston, Ala., assignor to Monsanto Chemical Company. Production of sodium phosphates. 2,390,400; Dec. 4.

Taylor, Guy B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,374,145; Apr. 17.

Taylor, H. P., et al.: *See*—
Overbey, Herman T., assignor.

Taylor, Harden F., New York, and C. H. Robinson, Jackson Heights, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Conditioning apparatus. 2,386,368; Oct. 9.

Taylor, Harold: *See*—
Dawson, E. L., and Taylor.

Taylor, Harold, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Preparing dichlorodiethyl ether-alkali metal polysulphide condensation products in pulverulent form. 2,390,853; Dec. 11.

Taylor, Harold F., et al.: *See*—
Maroney, Thomas A., assignor.

Taylor, Harden F., and V. A. Nedzvedsky, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for coating. 2,373,721; Apr. 17.

Taylor, Harden F., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Making a molded product. 2,374,246; Apr. 24.

Taylor, Harden F., and V. A. Nedsvedsky, assignors to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for removing individual units. 2,386,076; Oct. 2.

Taylor, Harold O.: *See*—
Boies, O. W., and Taylor.

Taylor, Henry A., Dorchester, Mass. Structural connector. 2,385,893; Oct. 2.

Taylor, Herbert L.: *See*—
Dowling, P. H., and Taylor.

Taylor Instrument Companies: *See*—
Detwiler, Joseph S., assignor.
Hermann, Arthur, assignor.
Hubbard, K. H., Mason, and Leach, assignors.
Olson, Raymond E., assignor.
Ziegler, John G., assignor.

Taylor, J. E., et al.: *See*—
Hill, Robert H., assignor.

Taylor, James A., Glen Ridge, N. J. Automobile lamp reflector. 2,367,475; Jan. 16.

Taylor, James E.: *See*—
Richardson, A. S., and Taylor.

Taylor, Joseph I., and K. T. Schaefer, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Thread and/or fabric. 2,375,261; May 8.

Taylor, Lorenzo D.: *See*—
MacMahon, J. D., and Taylor.

Taylor, Louis: *See*—
Silvasy, J. E., and Taylor.

Taylor, Maravene S., et al.: *See*—
Young, William D., assignor.

Taylor, Morris P., Stanford University, Calif. Freight handling apparatus on vehicle. 2,387,542; Oct. 23.

Taylor, Myron L., West Englewood, N. J., assignor to The B. F. Goodrich Company, New York, N. Y. Protective means. 2,375,146; May 1.

Taylor, Owen L.: *See*—
Ellis, D., and Taylor.

Taylor, Paul H., North Tonawanda, N. Y., assignor to Curtiss-Wright Corporation. Quick release mechanism. 2,368,899; Feb. 6.

Taylor, Percy W., Finchley, London, N. 12, assignor of one-half to Fraser and Glass Limited, London, England. Electric accumulator. 2,384,978; Sept. 18.

Taylor, Ralph W., U. S. Navy. Extraoral fracture appliance. 2,371,197; Mar. 13.

Taylor, Raymond G., Jr., and E. D. Wilde, assignors to The Guiberson Corporation, Dallas, Tex. Well flowing means. 2,377,981; June 12.

Taylor, Raymond L., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrolytic device. 2,368,688; Feb. 6.

Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone or like system. 2,369,086; Feb. 6.

Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,369,868; Feb. 20.

Taylor, Richard: *See*—
Caldwell, S. H., Jaeger, and Taylor.

Taylor, Richard W.: *See*—
Bruce, Malcolm, assignor.

Taylor, Robert F., Terre Haute, Ind. Reaction products of 1,4-dichloro-2-butene. 2,391,849; Dec. 25.

Taylor, Robert H., Mayfield, Ky. Solar heater. 2,388,940; Nov. 13.

Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Handling filamentary materials. 2,385,894; Oct. 2.

Taylor, Robert J., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Device for collecting filamentary materials. 2,386,411; Oct. 9.

Taylor, Roland C., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Multichannel carrier transmission system. 2,374,567; Apr. 24.

Taylor, Ross E., assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,377,591; June 5.

Taylor, Shepard, Gresham, S. C. Fan attachment. 2,389,700; Nov. 27.

Taylor, Smith & Taylor Company, The: *See*—
Bower, James A., assignor.

Taylor, Taylor & Hobson Limited: *See*—
Clifford, Thomas W., assignor.
Cox, Arthur, assignor.
Reason, Richard E., assignor.
Warmisham, Arthur, assignor.

Taylor, Thomas B., et al.: *See*—
Young, William D., assignor.

Taylor, Tracy B., Windsor, Conn., assignor, by mesne assignments, to Federal Electric Products Company, Inc., Newark, N. J. Fuse terminal clip. 2,388,883; Nov. 13.

Taylor, Walter K., Jersey City, N. J., assignor to American Houses, Inc., New York, N. Y. Adjustable stop. 2,381,564; Aug. 7.

Taylor, William I.: *See*—
Dreyfus, H., Finlayson, and Taylor.

Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of thermoplastic materials in fibrous or cellular form. 2,372,695; Apr. 3.

Taylor, William I., Spondon, near Derby, assignor to British Celanese Limited, London, England. Protective headgear. 2,381,524; Aug. 7.

Taylor, William I., and J. F. Levers, Spondon, near Derby, England. Fabrics and like materials. 2,376,983; May 29.

Taylor-Winfield Corporation, The: *See*—
Coates, Clyde E., assignor.
Hansen, Hans H., assignor.
Keller, John D., assignor.
Mikhalapov, George S., assignor.
Seeloff, Melvin M., assignor.
Seltzer, C. S., and Humphrey, assignors.

Tcimpidis, George E.: *See*—
McKee, G. K., and Tcimpidis.

Tea, Clark A., Detroit, and K. H. Luther, Dearborn Township, Wayne County, assignors to The Murray Corporation of America, Detroit, Mich. Burring tool. 2,377,462; June 5.

Teachout, Frank E., Minneapolis, Minn. Drawing die. 2,377,191; May 29.

Teaf, John H., Colwick, Delaware Township, Camden County, assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Rotor mounting means for variable tuning devices. 2,373,859; Apr. 17.

Teager, Stephen R., Canton, Ohio. Sander. 2,379,503; July 3.

Teagle, William T., Blackwater, Saint Agnes, England. Machine for planting potatoes. 2,385,740; Sept. 25.

Teagno, Joseph R., assignor to Hydraulic Brake Company, Detroit, Mich. Turbotransmission. 2,376,462; May 22.

Teagno, Joseph R., Detroit, Mich. Turbotransmission. 2,377,825; June 5.

Teagno, Joseph R., Detroit, Mich. Turbotransmission. 2,377,826; June 5.

Teague, Hubert M.: *See*—
Dunham, L. R. S., and Teague.

Teague, Merwyn C., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Resilient seat construction. 2,367,628; Jan. 16.

Teague, Merwyn C., Ridgewood, N. J., assignor to United States Rubber Company, New York, N. Y. Gas mask. 2,375,147; May 1.

Teahan, Charles J., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of trinitro-tertiary-butyl-meta-xylene. 2,377,727; June 5.

Teal, Gordon K., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Forming layers for electronic cathodes. 2,391,280; Dec. 18.

Tech Equipment Company: *See*—
Williams, Bradlee W. and H. S., assignors.

Technical Oil Tool Corporation, Ltd., et al.: *See*—
Dale, Clarence R., assignor.

Technical Service, Incorporated: *See*—
Ditty, Allan V., and Bradford, assignors.

Technicolor Motion Picture Corporation: *See*—
Andreas, John M., assignor.
Carlson, Adolphe E., assignor.
Gunn, F. G., and Hague, assignors.
Kienninger, John F., assignor.
Rackett, Gerald F., assignor.

Tedd, James R., Willamette, Oreg. Steering spindle bearing for automobiles. 2,385,170; Sept. 18.

Tedrow, Roy B., San Francisco, Calif. Molding machine. 2,390,564; Dec. 11.

Teegarden, Otto V., Goshen, Ind. Tire tool. 2,378,955; June 26.

Teeter, Howard M.: *See*—
Cowan, J. C., and Teeter.

Teeter, Wilford H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,383,354; Aug. 21.

Teetor, Macy O., Newcastle, assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring. 2,369,263; Feb. 13.

Teicher, Abraham, assignor of one-half to the firm: Beith Haroshet l'Ma'tofot "Doar" Loewy & Kuehl, Tel Aviv, Palestine. Writing paper. 2,366,575; Jan. 2.

Teichmann, Charles F., Mount Vernon, A. R. Goldsby, Beacon, N. Y., G. A. Kessler, Ridgewood, N. J., and M. Neuhaus, Bronxville, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Production of gasoline hydrocarbons. 2,370,507; Feb. 27.

Teichner, Robert W., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Talcum powder stick. 2,390,473; Dec. 4.

Teichner, Rudolph R., Jackson Heights, assignor to Western Electric Company, Incorporated, New York, N. Y. Valve. 2,378,596; June 19.

Telefonaktiebolaget, L. M. Ericsson: *See*—
Bjergel, Sven A., assignor.
Engquist, Erik I., assignor.

Telephone Answering and Recording Corporation: *See*—
Shively, J. J., and Van Deventer, assignors.

Teleregister Corporation: *See*—
Marshall, J. C., and May, assignors.
May, H. F., and Marshall, assignors.

Teletype Corporation: *See*—
Anderson, Howard M., assignor.
Gemmel, Wilbur R., assignor.
Goetz, Maurus T., assignor.
Grey, Victor, assignor.
Gubisch, Erwin A., assignor.
Lake, Ross A., assignor.
Potts, Louis M., assignor.
Wahlstrand, Harold A., assignor.
Zenner, Walter J., assignor.

Telkes, Maria, Cambridge, Mass., assignor to Research Corporation, New York, N. Y., Thermoelectric alloy. 2,366,881; Jan. 9.

Tellander, Frederic, Franklin Park, and O. E. Wagenknecht, assignors to Zenith Radio Corporation, Chicago, Ill. Telescopic rod antenna. 2,391,202; Dec. 18.

Tellier, Andre: *See*—
Bartho, John C., assignor.

Tellkamp, Bernhard F., Whitefish Bay, assignor to Allen-Bradley Company, Milwaukee, Wis. Edge-wound tubular expansible member. 2,376,634; May 22.

Tellkamp, Bernhard F., Whitefish Bay, assignor to Allen-Bradley Company, Milwaukee, Wis. Expansible member mounting. 2,376,635; May 22.

Tellkamp, Frederick W., Woodhaven, N. Y. Rotary assembly of interfitting counterparts. 2,374,845; May 1.

Temple, George L., Rosedale Heights, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,373,517; Apr. 10.

Temple, John C., Washington, D. C. Cargo hatch. 2,373,355; Apr. 10.

Temple, L. Ray: *See*—
Knox, Julia S. M., assignor.

Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Regulator. 2,372,345; Mar. 27.

Temple, Robert B.: *See*—
Eksergian, C. L., and Temple.

Templeton, William E., Transfer, Pa. Harvesting combine for potatoes and the like. 2,379,198; June 26.

Templin, Richard L., New Kensington, Pa. Compression testing jig. 2,368,900; Feb. 6.

Temp-R-Lens Corporation: *See*—
Vent, Bruce R., assignor.

Ten Brink, Karl C., and A. R. Salley, assignors to Hudson Engineering Corporation, Houston, Tex. Wooden splash plate assembly. 2,369,264; Feb. 13.

Tenenbaum, Berko, London, England. Piezoelectric crystal. 2,377,827; June 5.

Ten Eyck, Hugh S., and J. Chocholak, North Plainfield, and J. H. Coleman, Plainfield, N. J., assignors to Southern Phosphate Corporation, New York, N. Y. Manufacture of crude phosphoric acid. 2,384,856; Sept. 18.

Tennent, John, executor et al.: *See*—
Burt, John W.

Tennessee Coal, Iron, and Railroad Company: *See*—
Auten, Claude I., assignor.
Fairley, F. E., Lindquist, Michaels, and Rodgers, assignors.
Huey, James G., assignor.
McWilliams, J. W., and Moss, assignors.

Tennessee Corporation: *See*—
Moore, George F., assignor.

Tennessee Research Corporation, University of, The: *See*—
Marcovitch, Simon, assignor.

Tennessee Valley Authority: *See*—
Elmore, Kelly L., assignor.
Frear, George L., assignor.
Rushton, Eugene R., assignor.
Walthall, John H., assignor.

Tenney, William G., Chicago, Ill. Battery terminal. 2,381,938; Aug. 14.

Tension Envelope Corporation of Kansas City: *See*—
Berkowitz, Eugene B., assignor.

Teppema, Jan, Cambridge, and J. F. Manning, assignors to B. B. Chemical Co., Boston, Mass. Adhesives. 2,367,629; Jan. 16.

Teppema, Jan, Cambridge, and J. F. Manning, assignors to B. B. Chemical Co., Boston, Mass. Adhesive compositions. 2,379,552; July 3.

Ter Horst, William P., Pompton Plains, N. J., assignor to United States Rubber Company, New York, N. Y. Parasiticidal preparations. 2,378,597; June 19.

Terman, Frederick E., Stanford University, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Frequency modulation system. 2,372,231; Mar. 27.

Ter Meer, Herman: *See*—
Quigley, H., and Ter Meer.

Ternstedt Manufacturing Company: *See*—
Ward, Robert N., assignor.

Terpak, Stephen, and L. Wetherill, Pittsfield, Mass., assignors to General Electric Company. Bushing. 2,381,787; Aug. 7.

Terraneau, Randal, Kingston Hill, and J. L. Stuart, London W. 1, England. Photographic printing. 2,372,346; Mar. 27.

Terray, Edward, Hubbard, Ohio. Gardening tool. 2,370,208; Feb. 27.

Terrell, Kendel J., St. Louis, Mo. Combination trunk and cot. 2,371,481; Mar. 13.

Terrill, Franklin E., assignor to Industrial Brownhoist Corporation, Bay City, Mich. Steering mechanism for tractor cranes. 2,380,619; July 31.

Terry, Augustus P., Berkeley, Calif. Fastener for duct forms and the like. 2,389,468; Nov. 20.

Terry, Bennett F., Stamford, Conn., assignor to International Business Machines Corporation. Sensing means. 2,374,790; May 1.

Terry, Bennett F., Stamford, Conn. Preparing printing plates. 2,381,704; Aug. 7.

Terry, Bennett F., Stamford, Conn. Printing apparatus and preparing and using the same. 2,384,857; Sept. 18.

Terry, Bennett F., Stamford, Conn. Camera. 2,391,044; Dec. 18.

Terry, Charles H., West Palm Beach, Fla. Collapsible core for plastic molding. 2,375,148; May 1.

Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Automatic valve mechanism. 2,374,568; Apr. 24.

Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Automatic valve mechanism. 2,387,363; Oct. 23.

Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Automatic valve mechanism. 2,387,364; Oct. 23.

Terry, Daniel H., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of sterol derivatives. 2,376,563; May 22.

Terry, Donald M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric control circuit. 2,379,262; June 26.

Terry, Edward B., Jr., Laurelton, N. Y. Collapsible bed. 2,370,269; Feb. 27.

Terry, Rex A., Berkeley, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body unit. 2,380,557; July 31.

Terry, Robert A., Lodi, Calif. Air-cushion knee pad. 2,368,433; Jan. 30.

Terry, Robert H.: *See*—
Boegehold, A. L., and Terry.

Terry, Willard B., Salt Lake City, Utah. Traffic signal 2,387,953; Oct. 30.

Ter Veen, Louis A. G.: *See*—
White, J. W., and ter Veen.

Terwilliger, George E., assignor to Welch Tool Engineering Company, Los Angeles, Calif. Boring bar holder. 2,366,370; Jan. 2.

Terwilliger, Ivan M., Pasadena, Calif. Producing motion picture films. 2,375,962; May 15.

Terzian, Harutyun G.: *See*—
Hall, E. L., and Terzian, assignors.

Terziev, George N.: *See*—
Julien, A. P., and Terziev.

Tessier, Joseph D., Worcester, Mass. Fastener. 2,374,394; Apr. 24.

Tessier, Joseph D., Worcester, Mass. Baling machine. 2,375,876; May 15.

Tessier, Joseph D., Worcester, Mass. Emergency tool. 2,379,387; June 26.

Tested Appliance Company: *See*—
Dick, Herbert L., assignor.

Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Blade dispensing container. 2,376,206; May 15.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,377,388; June 5.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Cigarette dispenser. 2,382,350; Aug. 14.
Testi, Nicholas, assignor to Gillette Razor Company, Boston, Mass. Magazine for safety razors. 2,384,503; Sept. 11.
Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,386,727; Oct. 9.
Testin, Vladimir N., Plainfield, N. J. Gas neutralizing device. 2,376,733; May 22.
Testo, Henry, Lakewood, Ohio. Jig-appliance bushing. 2,369,869; Feb. 20.
Teter, John W.: *See*—
Apgar, F. A., and Teter.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,376,833; May 22.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,470; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,471; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Production of organic compounds containing nitrogen. 2,381,472; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalyst. 2,381,473; Aug. 7.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Nitrilation of hydrocarbons. 2,385,741; Sept. 25.
Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Purification of nitriles. 2,388,506; Nov. 6.
Teter, John W., and W. J. Merwin, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Dehydration of nitriles. 2,388,507; Nov. 6.
Tetlow, Max W., Sharon, assignor to B. B. Chemical Co., Boston, Mass. Attaching soles to shoes. 2,373,922; Apr. 17.
Tetzlaff, Edwin F., and H. L. Fitch, assignors to Eastman Kodak Company, Rochester, N. Y. Drier for photographic material. 2,376,207; May 15.
Tewell, Alma L., Greenwich, Conn. Coat hanger. 2,372,458; Mar. 27.
Texaco Development Corporation: *See*—
Carlson, Lawrence, assignor.
Garrison, Allen D., assignor.
Hare, Donald G. C., assignor.
Texas Company, The: *See*—
Arnold, George B., assignor.
Atwell, Harold V., assignor.
Barron, Joseph M., assignor.
Bruner, F. H., Clarke, and Sawyer, assignors.
Callaway, John R., assignor
Callaway, J. R., and Skelton, assignors.
Clarke, Louis A., assignor.
Coghlan, C. A., and Korpi, assignors.
Dowding, Leonard F., assignor.
Eastman, D. B., and Richker, assignors.
Eris, Wilson G., assignor.
Garrison, Allen D., assignor.
Goldsby, Arthur R., assignor.
Gross, H. H., and German, assignors.
Hare, Donald G. C., assignor.
Haskell, Nelson B., assignor.
Herzog, Gerhard, assignor.
Kemp, Lebbeus C., assignor.
Kemp, Lebbeus C., Jr., assignor.
Kiersted, Wynkoop, Jr., assignor.
McCleary, Rush F., assignor.
McCleary, R. F., and Fields, assignors.
McCleary, R. F., and Morris, assignors.
McCoy, F. C., and Towne, assignors.
McMillan, Wallace A., asignor.
McNealy, Eddins W., assignor.
Morris, J. R., and McCleary, assignors.
Patterson, J. A., and McCleary, assignors.
Pevere, Ernest F., assignor.
Richker, Charles, assignor.
Robinson, William W., Jr.
Roden, Harry, assignor.
Ryan, W. J., and Kendall, assignors.
Scherer, L. F., and South, assignors
Sensel, Eugene E., assignor.
Shields, Hardin O., assignor.
Stewart, Meredith M., assignor.
Story, Le Roy G., assignor.
Stratford, William M., assignor.
Strawn, Lynn R., assignor.
Teichmann, C. F., Goldsby, Kessler, and Neuhaus, assignors.
Towne, Charles C., assignor.
Uren, Lester C., assignor.
Veltman, Preston L., assignor.
Walker, H. H., and Mostyn, assignors.
Warrick, Halsted R., assignor.
Watson, Claude W., assignor.
Weetman, Bruce, assignor.
Texas Company, The: *See*—Continued
Weetman, B., and Agnew, assignors.
West, Frank S., assignor.
Wilson, Howard, assignor.
Winkelmann, Samuel A., assignor.
Wolf, A., and Herzog, assignors
Wood, J. T., Jr., and Davis, assignors.
Yarnall, Willis A., assignor.
Texas Gulf Sulphur Company: *See*—
Bencowitz, Isaac, assignor.
Texfan Company: *See*—
Morrison, Hackley, assignor.
Texproof Limited: *See*—
Czeczowitzka, Rudolf H., assignor.
Textile Machine Works: *See*—
Brumbach, Alvin L., assignor.
Stoudt, Thearon G., assignor.
Zwicky, Melchior, assignor.
Textron, Incorporated: *See*—
Little, R., and Jehu, assignors.
Thacker, Carlisle M.: *See*—
Bell, R. T., Folkins, and Thacker.
Bell, R. T., and Thacker.
Folkins, H. O., and Thacker.
Thacker, Carlisle M., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Preparing sulphur compounds. 2,369,377; Feb. 13.
Thacker, Ralph S., West Los Angeles, assignor to L. M. Harvey, La Canada, Calif. Impact welder. 2,383,695; Aug. 28.
Thaden Engineering Company: *See*—
Thaden, Herbert V., assignor.
Thaden, Herbert V., assignor to Thaden Engineering Company, Roanoke, Va. Apparatus for producing laminated structures. 2,383,227; Aug. 21.
Thames Board Mills Limited: *See*—
Brammer, F. C., and West, assignors.
Tharratt, George: *See*—
Klemperer, W. G., and Tharratt.
Thatcher, Frederick M.: *See*—
Cooper, H. G., and Thatcher.
Thaxton, Green O., assignor of one-fourth to D. Carroll, Washington, D. C. Washing machine. 2,374,247; Apr. 24.
Thaxton, Green O., Washington, D. C. Rinsing and drying apparatus. 2,377,192; May 29.
Thaxton, Green O., Washington, D. C. Dining table. 2,382,183; Aug. 14.
Thayer, Clarence H., Media, and R. C. Lassiat, Swarthmore, assignors of one-half to Sun Oil Company, Philadelphia, Pa., and one-half to Houdry Process Corporation, Wilmington, Del. Temperature control of contacting reactions. 2,384,858; Sept. 18.
Thayer, Clarence W., Erie, Pa. Anchor. 2,377,054; May 29.
Thayer Company: *See*—
Troendle, William C., assignor.
Thayer, Howard C., Jersey City, N. J., assignor to Quigley Company, Inc., New York, N. Y. Heat-resisting wall construction. 2,384,859; Sept. 18.
Thayer, Richard N., Cleveland Heights, Ohio, assignor to General Eelectric Company. Starting control for electric discharge devices. 2,379,115; June 26.
Thayer, Sidney A.: *See*—
Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee.
Theiler, Casimir, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Device for the construction of tight flange joints in lined apparatus. 2,383,089; Aug. 21.
Theiler, Hans J., assignor to Whitin Machine Works, Whitinsville, Mass. Yarn tension system. 2,373,066; Apr. 3.
Theisen, Joseph L., Marblehead, Mass., assignor to General Electric Company. Wave expansion arrangement for cathode ray oscilloscopes. 2,386,728; Oct. 9.
Thelander, W. Vincent, Auburn, Ind. Clutch plate. Re. 22,635; Apr. 17.
Thelander, W. Vincent, Auburn, Ind. Two-way clutch. 2,379,024; June 26.
Theler, Frederick J.: *See*—
Binns, G. W., and Theler.
Theler, Frederick J., G. W. Binns, and J. Decker, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Grinding machine and grinding. 2,377,982; June 12.
Then, Edward O., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,369,188; Feb. 13.
Theobald, Clement W., Christiana Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making halocetyl halides. 2,378,048; June 12.
Thermek Corporation: *See*—
Manning, Lucius B., assignor.
Thermoid Company: *See*—
Hall, William H., Jr., assignor.
Sallé, Maurice, assignor.
Smith, Walter G. L., assignor.
Thermoloys Limited: *See*—
Adeline, Pierre, assignor.
Thew Shovel Company, The: *See*—
Zeilman, Roy H., assignor.
Zeilman, R. H., and Smythe, assignors.
Thexton, Arthur L., assignor to Clopay Corporation, Cincinnati, Ohio. Venetian blind. 2,387,419; Oct. 23.

Thexton Manufacturing Company: *See*—
Worel, Glen J., assignor.
Thias, Edwin P., Hollywood, Calif. Resonant circuit. 2,384,504; Sept. 11.
Thibodeau, Wilfred E.: *See*—
Church, J. H., and Thibodeau.
Thibodeau, Wilfred E., Cleveland, Ohio, and G. J. Kessenich, Madison, Wis. Impact firing mechanism. 2,367,245; Jan. 16.
Thibodeau, Wilfred E., Clèveland, Ohio, and G. J. Kessenich, Madison, Wis. Firing mechanism barrier. 2,367,246; Jan. 16.
Thiegs, Bernard J.: *See*
Lynn, G. E., and Thiegs.
Thiel, Otto, Detroit, Mich. Valve control means. 2,369,870; Feb. 20.
Thiel, Otto, Detroit, Mich. Float control. 2,381,626; Aug. 7.
Thiel, Otto, Detroit, Mich. Valve control means. 2,384,213; Sept. 4.
Thiel, Philip, Jr., Ipswich, Mass. Sectional ship. 2,369,265; Feb. 13.
Thiele, Berthold R.: *See*—
Wagner, R. S., and Thiele, assignors.
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Stop hinge. 2,372,303; Mar. 27.
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Strap handle holder. 2,374,629; Apr. 24.
Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Latch. 2,379,613; July 3.
Thiele, Hazel L., St. Louis, Mo. Food frying unit. 2,367,448; Jan. 16.
Thiele, William F., and W. E. Beadle, Sr., deceased, Wisconsin Rapids, by W. E. Beadle, Jr., administrator, Biron, assignors to Consolidated Water Power and Paper Company, Wisconsin Rapids, Wis. Paper coating device. 2,369,378; Feb. 13.
Thielemann, Rudolf H., Portland, Oreg., assignor to General Electric Company. Copper bearing stainless steel. 2,382,273; Aug. 14.
Thielemann, Rudolf H., Schenectady, N. Y., assignor to General Electric Company. Fabricating molds. 2,388,299; Nov. 6.
Thielker, Henry J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating. 2,378,598; June 19.
Thies, Herman R., Kent, assignor to Wingfoot Corporation, Akron, Ohio. Synthetic rubber compositions. 2,379,464; July 3.
Thies, Herman R., Kent, and C. M. Carson, Cuyahoga Falls, assignors to Wingfoot Corporation, Akron, Ohio. Moistureproofed kraft paper. 2,370,090; Feb. 20.
Thiesen, Hugo A. J., St. Louis, Mo. Work-producing speed control. 2,381,321; Aug. 7.
Thoele, Lawrence J., assignor to I. Spinner, Chicago, Ill. Binder. 2,371,198; Mar. 13.
Thoele, Lawrence J., assignor to Plastic Binding Corporation, Chicago, Ill. Binder. 2,374,395; Apr. 24.
Thoenen, Marie, et al.: *See*—
Bruen, George C., assignor.
Tholand, Nils K. G., Bethlehem, Conn. Powder metallurgy. 2,366,371; Jan. 2.
Tholand, Nils K. G., Bethlehem, Conn. Powder metallurgy of high-speed steel. 2,372,696; Apr. 3.
Tholl, John F., Needham, assignor to American Tool & Machine Co., Hyde Park, Mass. Centrifugal separator. 2,384,784; Sept. 11.
Tholstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Transcribing apparatus. 2,378,371; June 12.
Tholstrup, Henry L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Signal controlled printing apparatus. 2,388,351; Nov. 6.
Tholstrup, Poul, Roskilde, Denmark; vested in the Alien Property Custodian. Snow fence. 2,389,395; Nov. 20.
Thoma, Meinard F., Fitchburg, Mass. Roll cleaning apparatus for spinning frames and the like. 2,391,754; Dec. 25.
Thomander, Veron S.: *See*—
Young, D. A., and Thomander.
Thomander, Veron S., Maplewood, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical measuring instrument. 2,389,393; Nov. 20.
Thomander, Veron S., Maplewood, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Identification device. 2,390,817; Dec. 11.
Thomann, Robert A., Clayton, Mo., and J. A. Hyle, Detroit, Mich., assignors, by mesne assignments, of fifteen per cent to Forbes National Bank, Pittsburgh, Pa. Rail anchor. 2,373,923; Apr. 17.
Thomas, Albert G., Lynchburg, Va. Electric iron. 2,382,587; Aug. 14.
Thomas, Albert R., deceased, by The National City Bank of Evansville, Ind., administrator, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,384,860; Sept. 18.
Thomas, Alexander, Weston, assignor to Polaroid Corporation, Cambridge, Mass. Manufacturing light-polarizing material. 2,375.963; May 15.
Thomas, Allan H., assignor of one-half to J. L. Lenz, Butte, Mont. Electric mathematical educational appliance. 2,389,394; Nov. 20.
Thomas, Alton B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bridging conductor. 2,379,047; June 26.
Thomas, Arthur, Wallington, assignor to Powers Accounting Machines Limited, London, England. Web-feeding mechanism. 2,381,322; Aug. 7.
Thomas, Berkley A., et al.: *See*—
Bushnell, Elizabeth W., assignor.
Thomas, Charles A., Mad River Road, and C. A. Hochwalt, Rahn Road, Ohio, assignors to Monsanto Chemical Company. Ethers of styrene glycol. 2,372,615; Mar. 27.
Thomas, Charles L.: *See*—
Ahlberg, J. E., and Thomas.
Bloch, H. S., and Thomas.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of vinylaromatics. 2,376,734; May 22.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,377,113; May 29.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrogenation of hydrocarbonaceous materials. 2,377,728; June 5.
Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,387,477; Oct. 23.
Thomas, Charles L., and J. E. Ahlberg, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic reforming. 2,371,079; Mar. 6.
Thomas, Charles L., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,384,505; Sept. 11.
Thomas, Charles W., Wayne, and W. A. Robinson, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Antenna. 2,368,174; Jan. 30.
Thomas, David E. F.: *See*—
Komives, L. I., Courtis, and Thomas.
Thomas, Edward B., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture and use of new amine salts. 2,384,053; Sept. 4.
Thomas, Elbert F., Wichita Falls, Tex. Foot corrective attachment for shoes. 2,381,846; Aug. 7.
Thomas, Frank E., Chicago, Ill. Animated figure. 2,366,576; Jan. 2.
Thomas, Frederick M.: *See*—
Fedden, A. H. R., Owner, Thomas, and Mansell.
Thomas, Frederick M., assignor to The De Havilland Aircraft Company Limited, Hatfield Aerodrome, Hertfordshire, England. Variable pitch airscrew. 2,368.950; Feb. 6.
Thomas, Frederick M., North Adams, Mass., and P. R. Price, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Airscrew. 2,388,718; Nov. 13.
Thomas, George N., Manketo, Minn. Leader control for fish lines. 2,382,677; Aug. 14.
Thomas, George W., Athens, Ga. Sanding device. 2,384,656; Sept. 11.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Mechanically tuned loop antenna. 2,373,206; Apr. 10.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Voltage converter system. 2,373,275; Apr. 10.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation detection. 2,379,764; July 3.
Thomas, Harry E., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical coupling network. 2,390,474; Dec. 4.
Thomas, Harry W., Miami Beach, Fla. Screen of composite material. 2,368,689; Feb. 6.
Thomas, Harry W., Miami Beach, Fla. Making screen material. 2,375,597; May 8.
Thomas, Harry W., Miami Beach, Fla., assignor to Radio Patents Corporation, New York, N. Y. Combined screen frame and weather stripping. 2,378,163; June 12.
Thomas, Haydon P., East Moline, assignor to Deere & Co., Moline, Ill. Belt-tightening device. 2,366,159; Jan. 2.
Thomas, Heinz: *See*—
Voss, A., Dietz, and Thomas.
Thomas, Henry, Chingford, England, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,378,664; June 19.
Thomas, Heyward D.: *See*—
Campbell, H. C., and Thomas.
Thomas, Howard W.: *See*—
Harris, Emory, assignor.
Thomas, J. R., and Associates: *See*—
Eppenstein, James F., assignor.
Thomas, J. Stephens, New York, N. Y., assignor to F. W. Ludwig, as trustee for the benefit of T. J. Stephens, H. A. Rudkin, and F. W. Ludwig. Apparatus for roasting coffee and the like. 2,389,650; Nov. 27.
Thomas, James C., Detroit, assignor to Thomas Tool & Machine Company, Pontiac, Mich. Gauge. 2,379,048; June 26.
Thomas, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,384,577; Sept. 11.

Thomas, John J., Newport News, Va. Hinge construction. 2,388,021; Oct. 30.
Thomas, John W., Dublin, Ga. Decorative handbag material. 2,377,656; June 5.
Thomas, John W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Closure. 2,367,317; Jan. 16.
Thomas, Joseph R., Chicago, Ill. Folding bed rail. 2,370,890; Mar. 6.
Thomas, Llewellyn H.: *See*—
Cape, A. T., Brassert, and Thomas.
Thomas, Mildred: *See*—
Yates, J. H., and Thomas.
Thomas, Milfred K., Birmingham, Ala. Antifreeze device. 2,390,475; Dec. 4.
Thomas, Moyer D., and J. O. Ivie, Salt Lake City, Utah, assignors to American Smelting and Refining Company, New York, N. Y. Wind recording apparatus. 2,391,601; Dec. 25.
Thomas, Pacific J., Wyoming, assignor to U. S. Textile Machine Company, Scranton, Pa. Yarn feed control means for textile machines. 2,386,822; Oct. 16.
Thomas, Parke E., assignor to Republic Steel Corporation, Cleveland, Ohio. Solids feeder. 2,389,566; Nov. 20.
Thomas, Paul V., Joinville-Le-Pont, France; vested in the Alien Property Custodian. Pressing device with an endless strip. 2,369,089; Feb. 6.
Thomas, Ray G.: *See*—
Hollatz, A. C., and Thomas.
Thomas, Richard, Bromborough, and H. Whitham, deceased, Upton, Wirral, by M. Whitham, executrix, Upton, Wirral, England, assignors to Lever Brothers Company, Cambridge, Mass. Brushless shaving preparation. 2,366,759; Jan. 9.
Thomas, Robert M.: *See*—
Sparks, W. J., and Thomas.
Thomas, Robert M., Union, and W. J. Sparks, Crawford, N. J., assignors to Standard Oil Development Company. Polymers of unsaturated acid compound and alpha olefinic compound. 2,373,067; Apr. 3.
Thomas, Robert M., Union, D. C. Field, Linden, and H. C. Reynolds, Jr., Roselle Park, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Polymerization catalyst. 2,383,627; Aug. 28.
Thomas, Robert M., Union, and J. F. Nelson, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Polymerization catalysts. 2,387,543; Oct. 23.
Thomas, Robert M., Union, N. J., and H. C. Reynolds, Jr., Belmont, Mass., assignors to Standard Oil Development Company. Polymerization process for normal olefins. 2,387,784; Oct. 30.
Thomas, Samuel B.: *See*—
Luten, D. B., Jr., and Thomas.
Thomas, Stanley R., Lyons, Mich., assignor to The Torrington Company, South Bend, Ind. Needle roller construction. 2,368,175; Jan. 30.
Thomas Steel Company, The: *See*—
Davis, E. E., and Stevens, assignors.
Thomas, Thomas M.: *See*—
Mitchell, R. H., and Thomas.
Thomas, Thomas W., San Rafael, Calif. Boom stop. 2,376,019; May 15.
Thomas Tool & Machine Company: *See*—
Thomas, James C., assignor.
Thomas, Vallie A., Washington, D. C. Bucket hanger. 2,381,189; Aug. 7.
Thomas, Walter E., Jefferson, assignor of one-half to L. W. Griswold, Cooper, Iowa. Boiler feed pump. 2,379,841; July 3.
Thomas, William D., Jr.: *See*—
Cook, E. W., and Thomas, assignors.
Thomes, Frank E., South Portland, Maine. Fuel feeding apparatus. 2,386,991; Oct. 16.
Thomlinson, Fred, Langley, England. Apparatus for heating air or other fluid. 2,380,346; July 10.
Thompson, Albert R., San Jose, assignor to Pacific Machinery Company, San Francisco, Calif. Continuous peach pitter. 2,376,526; May 22.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Valve mechanism for pressure cooker. 2,389,330; Nov. 20.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for treating evaporated milk. 2,391,203; Dec. 18.
Thompson, Albert R., Los Gatos, and R. D. Fox, assignors to Food Machinery Corporation, San Jose, Calif. Method and apparatus for preparing asparagus or the like. 2,383,228; Aug. 21.
Thompson, Alfred A., Dayton, Ohio. Convertible ladder. 2,381,525; Aug. 7.
Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Facsimile telegraph system. 2,368,387; Jan. 30.
Thompson, Almer J.: *See*—
Melton, R. L., and Thompson, assignors.
Thompson, Boyce, Institute for Plant Research, Inc.: *See*—
Harvill, Edward, assignor.
Thompson, Charles L., Oakland, Calif. Retractable auxiliary wing for airplanes. 2,376,636; May 22.
Thompson, Charles W., Sullivan, Colo. Machine gun hanger. 2,386,015; Oct. 2.
Thompson, Earl A., Bloomfield Hills, assignor to General Motors Corporation, Detroit, Mich. Clutch and control. 2,380,680; July 31.
Thompson, Edward S., Marblehead, Mass., assignor to General Electric Company. Filter control for aircraft engines and superchargers. Re. 22,656; July 31.
Thompson, Edward S., Marblehead, Mass., assignor to General Electric Company. Filter control for aircraft engines and superchargers. 2,368,501; Jan. 30.
Thompson Electric Company, The: *See*—
Farrington, T. B. and R. K., and Dalzell, assignors.
Farrington, T. B. and R. K., and Keller, assignors.
Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Dolly. 2,386,516; Oct. 9.
Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Voltage regulator. 2,378,873; June 19.
Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Two-speed motor. 2,388,884; Nov. 13.
Thompson, Ernest H., Winnetka, Ill. Empty lock for vending machines. 2,383,229; Aug. 21.
Thompson, Ernest H., Winnetka, assignor to Johnson Fare Box Company, Chicago, Ill. Fare registering mechanism. 2,366,882; Jan. 9.
Thompson, Ernest H., Winnetka, and L. W. Doggett, assignors to Automatic Canteen Company of America, Chicago, Ill. Electric selective drink vending machine. 2,376,403; May 22.
Thompson, Evelyn J., New York, N. Y. Animal toilet. 2,390,854; Dec. 11.
Thompson, Foarde, Dallas, Tex. Expansion tool. 2,370,333; Feb. 27.
Thompson, Francis E., Lawrence, Mass. Lawn mower gear and locking device. 2,383,696; Aug. 28.
Thompson, Friar M., Jr., assignor to Hercules Powder Company, Wilmington, Del. Insecticidal composition. 2,367,155; Jan. 9.
Thompson, George C., Falls Church, Va., and E. F. Seaman, Washington, D. C. Terminal stuffing tube. 2,367,700; Jan. 23.
Thompson, Glenn S., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,388,450; Nov. 6.
Thompson Grinder Company, The: *See*—
Baldenhofer, William G., assignor.
Wilson, John C., assignor.
Thompson, Harris A., Detroit, Mich., assignor to General Electric Company. Expansion circuit for oscilloscope. 2,375,709; May 8.
Thompson, Harry H.: *See*—
Moore, D. V., and Thompson.
Thompson, Harry H., assignor to Wingfoot Corporation, Akron, Ohio. Plasticizing copolymers. 2,391,281; Dec. 18.
Thompson, Harry L., Cooperstown, N. Dak. Sheet-retaining attachment for platen presses. 2,370,591; Feb. 27.
Thompson, Herbert H.: *See*—
Riggs, A. S., and Thompson.
Thompson, Howard A., Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,367,742; Jan. 23.
Thompson, Howard A., Edgewood, and J. J. Van Horn, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,370,091; Feb. 20.
Thompson, James F.: *See*—
Fisher, H. C., and Thompson.
Thompson, Jesse S., assignor to The Huber Manufacturing Company, Marion, Ohio. Synchronized hydraulic control valve. 2,369,324; Feb. 13.
Thompson, John B. D.: *See*—
Kassler, A., and Thompson.
Thompson, John R.: *See*—
Kirkpatrick, William C., assignor.
Thompson, Joseph J.: *See*—
Lindow, Carl W., and Thompson.
Thompson, Judson L.: *See*—
Havener, Arthur R., assignor.
Thompson, Kenneth M., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Resinous materials and production thereof. 2,382,184; Aug. 14.
Thompson, Leland E., Merchantville, N. J., assignor to Radio Corporation of America. Ultra-high frequency converter circuit. 2,370,758; Mar. 6.
Thompson, Le Roy, Blakely, Ga., assignor to Locomotive Economizer Corporation, New York, N. Y. Smoke box structure. 2,384,407; Sept. 4.
Thompson, Leslie E., and A. Jenkins, London, N. 1, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating current rectifier of the selenium type. 2,378,513; June 19.
Thompson, Leslie E., and A. Jenkins, King's Cross, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating electric current rectifiers of the selenium type. 2,380,880; July 31.
Thompson, Leslie E., and A. Jenkins, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Manufacture of alternating current rectifiers of the selenium type. 2,389,008; Nov. 13.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Control circuit for sound recording apparatuses. Re. 22,606; Feb. 20.

Thompson, Lincoln, Cheshire, assignor to The Soundscriber Corporation, New Haven, Conn. Variable resistance equalizer. 2,369,088; Feb. 6.

Thompson, Lincoln, Cheshire, and R. L. Stone, Orange, assignors to The Soundscriber Corporation, New Haven, Conn. Spring hinge mounting for sound recording and reproducing heads. 2,369,087; Feb. 6.

Thompson, Lonnie L., Iowa Park, Tex. Filter. 2,381,627; Aug. 7.

Thompson, Loren E., Parkersburg, W. Va. Abrading machine work support. 2,367,156; Jan. 9.

Thompson, Loren E., Parkersburg, W. Va. Abrading machine knee. 2,375,149; May 1.

Thompson, Loren E., Parkersburg, W. Va. Abrading apparatus. 2,383,829; Aug. 28.

Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Electric regulating and control system. 2,366,577; Jan. 2.

Thompson, Marian, executrix: *See*—
Thompson, Milton E., assignor.

Thompson, Marvin R.: *See*—
Martin, G. J., and Thompson.

Thompson, Milton E., Ridgway, Pa.; M. Thompson, executrix of said M. E. Thompson, deceased, assignor, by mesne assignments, to M. Thompson. Control of speed and power transmission for internal-combustion engines. 2,367,976; Jan. 23.

Thompson, Morris J., Los Angeles, Calif. Hydrocolloid dispensing syringe. 2,370,759; Mar. 6.

Thompson, Morris J., Los Angeles, Calif. Dental hydrocolloid conditioning apparatus. 2,379,504; July 3.

Thompson, Morris J., Los Angeles, Calif. Dental hydrocolloid syringe. 2,381,785; Aug. 7.

Thompson, Nellie, Los Angeles, Calif. Box wrench clip. 2,368,902; Feb. 6.

Thompson, Norman A., London, S. W. 1, England. Aircraft. 2,376,834; May 22.

Thompson, Norman C., Auburn, A. Y. Gunter, Larchmont, W. A. Shaw, Forest Hills, and W. E. Roe, deceased, Kirkland, by V. B. Roe, administratrix, Clinton, assignors to American Locomotive Company, New York, N. Y. Welding machine for fin tubes. 2,390,855; Dec. 11.

Thompson, Orville I., assignor to De Forest's Training, Inc., Chicago, Ill. Device for maintaining a fixed bias. 2,375,877; May 15.

Thompson, Paul H., Wheaton, Ill. Collapsible book rest and holder. 2,388,771; Nov. 13.

Thompson Products, Inc.: *See*—
Booth, James H., assignor.
Bredenbeck, Bill C., assignor.
Caserta, Michele, assignor.
Colwell, Archie T., assignor.
Cummings, Robert E., assignor.
Jacobus, Harland E., assignor.
Kerwin, J. M., and Norton, assignors.
McDill, Rex D., assignor.
Snyder, Jacob R., assignor.
Townhill, Arthur, assignor.
Venditty, Anthony, assignor.

Thompson, Robert B., Wilton, and E. J. Roberts, Westport, Conn., assignors to The Dorr Company, New York, N. Y. Calcium stannate refining. 2,383,427; Aug. 21.

Thompson, Robert J., assignor to The W. O. Hickok Mfg. Co., Harrisburg, Pa. Paper feeding apparatus. 2,387,954; Oct. 30.

Thompson, Robert K., and K. E. Dixon, Detroit, Mich., assignors to G. M. and E. Holley. Mixture control. 2,389,219; Nov. 20.

Thompson, Robert M., Seattle, Wash. Continuous pressure separating device. 2,382,453; Aug. 14.

Thompson, Ross, Durham, N. C., assignor of one-third to H. D. Armstrong. Tamper for cigarette machine feeders. 2,388,772; Nov. 13.

Thompson, Russell H., Indianapolis, Ind. Envelope stuffing machine. 2,384,506; Sept. 11.

Thompson, Seth W., Essex Fells, N. J. Transmission gearing. 2,390,228; Dec. 4.

Thompson, Seth W., Essex Fells, N. J. Transmission gearing for crankshafts. 2,390,229; Dec. 4.

Thompson, Thomas, Bothell, Wash. Foldable vehicle tent and bed. 2,378,448; June 19.

Thompson, Walter S., Los Angeles, assignor to Radio Corporation of America. Electronic compressor control. 2,390,856; Dec. 11.

Thompson, William, Cleveland Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Nail cleaning apparatus. 2,390,011; Nov. 27.

Thompson, William G., Sutton Coldfield, assignor to The General Electric Company Limited, London, England. Electromagnetic pump for electrically conducting liquids. 2,386,369; Oct. 9.

Thompson, William H., Chatham, assignor to Davis Engineering Corporation, Elizabeth, N. J. Evaporator. 2,388,773; Nov. 13.

Thompson, Willis F., Portland, Maine, assignor to The Alden Speare's Sons Co., Cambridge, Mass. Pump. 2,391,806; Dec. 25.

Thompson, Wilma: *See*—
Kirkpatrick, William C., assignor.

Thoms, Charles D., New York, N. Y. Valved container. 2,376,404; May 22.

Thoms, Charles D., New York, N. Y. Apparatus for treating liquids. 2,383,522; Aug. 28.

Thoms, Louis, Birmingham, and D. L. Maker, Pleasant Ridge, assignors to General Motors Corporation, Detroit, Mich. Motor vehicle. 2,373,356; Apr. 10.

Thomsen, Alfred M., San Francisco, Calif. Method of and apparatus for compressing air and the like. 2,366,160; Jan. 2.

Thomsen, Alfred M., San Francisco, Calif. Making magnesia from dolomite. 2,377,592; June 5.

Thomsen, Alfred M., San Francisco, Calif. Processing of molasses and the like. 2,380,087; July 10.

Thomsen, Alfred M., San Francisco, Calif. Apparatus for power development. 2,391,078; Dec. 18.

Thomsen, William A. V.: *See*—
Grant, H. C., Jr., and Thomsen.

Thomson, E. Craig, Boston, Mass. System of tubular electrodes. 2,387,365; Oct. 23.

Thomson-Gibb Electric Welding Company: *See*—
Cutter, George A., assignor.
Seifert, Charles E., assignor.
Southwick, William S., assignor.

Thomson, John, Paisley, Scotland. Decorticating of flax and other bast fibers. 2,385,427; Sept. 25.

Thomson, John B.: *See*—
Ferger, Hulbert K., assignor.

Thomson, John B., Manhasset, and S. G. Thomson, assignors to Zimmer-Thomson Corporation, Flushing, N. Y. Folding litter. 2,378,809; June 19.

Thomson, Judson L., Manufacturing Company: *See*—
Paterson, Leslie M., assignor.

Thomson, Robin H. K., Kilwinning, Scotland, assignor to Imperial Chemical Industries Limited. Viscous solutions of vegetable globulins. 2,381,088; Aug. 7.

Thomson, Samuel G.: *See*—
Thomson, John B. and S. G.

Thomson, S. H., Manufacturing Company, The: *See*—
Gravenstine, George E., assignor.

Thomson, Thomas: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.
Whitworth, E., and Thomson.

Thoren, Josef H. E.: *See*—
Gothberg, K. E. A., Ruist, and Thoren.

Thoren, Norman T., Beloit, Wis. Sanitary waste receptacle. 2,384,709; Sept. 11.

Thoresen, Einar, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Bearing seal. 2,385,388; Sept. 25.

Thoresen, Einar, Pittsburgh, and W. H. Marsh, Crafton, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Predetermining dispensing apparatus. 2,382,454; Aug. 14.

Thornbery, John H., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Manifold assembly. 2,379,116; June 26.

Thornburg, Herbert W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Spooling device for cable tool drills. 2,372,232; Mar. 27.

Thornburgh, Ivan D., Leonia, N. J., assignor to American Can Company, New York, N. Y. Flattened can body manufacturing machine. 2,383,523; Aug. 28.

Thornburgh, Ivan D., Leonia, N. J., assignor to American Can Company, New York, N. Y. Preparing tubing for transportation. 2,386,823; Oct. 16.

Thorne, John B.: *See*—
Cooper, B. P., and Thorne.

Thorner, Marvin E.: *See*—
Lieber, E., and Thorner.

Thorner, Robert H., Detroit, Mich. Torque wrench or like tool. 2,378,956; June 26.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Shock absorber. 2,367,977; Jan. 23.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Shock absorber. 2,372,137; Mar. 20.

Thornhill, Peter W., Leamington Spa, assignor to J. H. Onions, Coventry, England. Liquid damped telescopic shock absorber. 2,379,388; June 26.

Thornhill, Peter W., Leamington Spa, and J. H. Onions, Coventry, England; said Thornhill assignor to said Onions. Ball and roller bearings, particularly those for rectilinear motion. 2,369,926; Feb. 20.

Thornhill, William H., Montreal, Quebec, Canada. Baby carriage. 2,391,658; Dec. 25.

Thornley, Joseph H., Evanston, Ill. Foundation and constructing the same. 2,373,276; Apr. 10.

Thornley, Joseph H., Evanston, Ill. Pile cap. 2,377,055; Mary 29.

Thornley, Joseph H., Evanston, Ill. Foundation and forming same. 2,381,014; Aug. 7.

Thornquist, Jonas E., St. Paul, Minn. Draft control device for oil burners. 2,370,891; Mar. 6.

Thornton, Alfred M., and W. F. Baly, assignors to Standard Telephones and Cables Limited, London, England. Gain control circuits for carrier systems. 2,382,588; Aug. 14.

Thornton, Charles W., Framingham, Mass. Signal device for vehicles. 2,382,832; Aug. 14.

Thornton, Harry E.: *See*—
Amidon, M., and Thornton.
Thornton, Harry E., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material coating apparatus. 2,378,599; June 19.
Thornton, John T., Parrott, Ga. Peanut harvester. 2,389,567; Nov. 20.
Thornton, Ray F., Dearborn, Mich. Vehicle construction. 2,378,810; June 19.
Thornton, Ray F., Dearborn, Mich. Driving axle construction. 2,386,917; Oct. 16.
Thorpe, Herbert, Jr., South Bend, Ind. Switch. 2,378,514; June 19.
Thorpe, Jack B., Long Beach, Calif. Extensometer. 2,382,351; Aug. 14.
Thorpe-Woods, Henry, assignor to International Marine Radio Company Limited, London, England. Pump. 2,381,628; Aug. 7.
Thorsberg, Eric A., Mahopac, N. Y. Measuring implement. 2,367,743; Jan. 23.
Thorsen, E. M., et al.: *See*—
Bruen, George C., assignor.
Thorsson, Matthew, assignor to The Howe Scale Company, Rutland, Vt. Scale. 2,389,108; Nov. 13.
Thorsten, Thorleif, Pittsburgh, Pa., and J. E. Geue and R. F. Kellogg, Sr., Power, W. Va. Apparatus for the disposition of flue dust and the like. 2,370,207; Feb. 27.
Threedy, Clarence E., trustee: *See*—
Patzer, William, assignor.
Threeton, Clay L., Birmingham, Ala. Suit cover and carrier. 2,378,665; June 19.
Threlkeld, Clarence D., Bellingham, Wash. Twine holder. 2,391,364; Dec. 18.
Thresh, Frank R., Beverly, assignor to United Shoe Machinery Corporation, Flemington, N. J. Time delay mechanism. 2,374,846; May 1.
Throckmorton, John W.: *See*—
Wallis, J. S., and Throckmorton.
Throckmorton, John W., Wilton, and J. S. Wallis, Darien, Conn., assignors to Petro-Chem Process Company Incorporated. Boiler construction. 2,375,505; May 8.
Throdahl, Monte C., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizable polymerization products. 2,381,526; Aug. 7.
Thum, Walter A., St. Louis, Mo. Heel gluing machine. 2,378,256; June 12.
Thumim, Carl and E. J. Frank, Yeadon, and A. C. Boisseau, Lansdowne, Pa., assignors to General Electric Company. Circuit breaker operating system. 2,390,942; Nov. 27.
Thurber, Elmer A., Brooklyn, N. Y., and L. A. Wooten, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Preparing a coating suspension. 2,385,313; Sept. 18.
Thurlow, Thomas L., Venice, Calif. Observation instrument. 2,384,507; Sept. 11.
Thurman, Carl C.: *See*—
Eddins, W. N., and Thurman.
Thurmond, Charles D.: *See*—
Cohen, S. A., Thurmond, and Read.
Thurmond, Gilbert L., Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,369,190; Feb. 13.
Thurmond, Gilbert L., Asheville, assignor to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,369,191; Feb. 13.
Thurnauer, Hans., assignor to American Lava Corporation, Chattanooga, Tenn. Electrically conductive ceramic thread guide. 2,369,266; Feb. 13.
Thurston, Arthur L., Wantagh, and B. Sweeney, Great Neck, N. Y., assignors to Cox and Stevens Aircraft Corporation. Computer. 2,369,420; Feb. 13.
Thurston, Charles E., Merchantville, N. J., assignor to The Easterbrook Steel Pen Manufacturing Co., Camden, N. J. Pen and reservoir attachment therefor. 2,367,539; Jan. 16.
Thurston, Frank M.: *See*—
Justice, G. E., Thurston, and Young.
Thurston, Jack T.: *See*—
Kaiser, D. W., and Thurston.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Azo dyestuffs and their manufacture. 2,367,072; Jan. 9.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Arylazoaroylguanylureas and their salts. 2,367,073; Jan. 9.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Purification of fluid media. 2,372,233; Mar. 27.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Difuryl sulphonates. 2,373,152; Apr. 10.
Thurston, Jack T., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Furyl sulphonates. 2,385,314; Sept. 18.
Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Textile finishing. 2,385,765; Sept. 25.
Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Guanamines in textile finishing. 2,385,766; Sept. 25.
Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Hydroxy-substituted aryl guanamines. 2,386,517; Oct. 9.
Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Sulphoaliphatic guanamines. 2,390,476; Dec. 4.
Thurston, Jack T., and D. W. Kaiser, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Salts of ω-cyanoguanidodithiocarbonic acid. 2,368,903; Feb. 6.
Thurston, Jack T., Cos Cob, Conn., and J. M. Grim, assignors to American Cyanamid Company, New York, N. Y. α-Naphthylmethyl esters of hydroxy-aliphatic acids. 2,383,897; Aug. 28.
Thurston, Jack T., Riverside, and R. L. Sperry, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Production of refined cyanogen chloride. 2,391,490; Dec. 25.
Thurston, Paul L., and D. Nagley, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Tubular knit fabric and making the same. 2,369,927; Feb. 20.
Thurston, Paul L., Martinsburg, W. Va., and D. Nagley Philadelphia, Pa., assignors to Interwoven Stocking Company, New Brunswick, N. J. Tubular knit fabric and making the same. 2,369,928; Feb. 20.
Thyer, Percy J., Nottingham, England. Type bar operating mechanism for typewriters. 2,372,616; Mar. 27.
Thylefors, Henric: *See*—
Lindgren, H. O., and Thylefors.
Thyreen, Paul I.: *See*—
Brooksieker, H. H., and Thyreen.
Tibbetts, Raymond E.: *See*—
Hallstrom, C. A., and Tibbetts.
Tibbetts, Raymond W., Camden, Maine. Piezoelectric device. 2,386,279; Oct. 9.
Tibbetts, Raymond W., Camden, Maine, assignor, by mesne assignments, to Stator Corporation. Manufacture of double walled vessels. 2,368,273; Jan. 30.
Tice, Hedwig, administratrix: *See*—
Tice, John T.
Tice, John T., deceased, Atlanta, Ga.; H. Tice, administratrix. Lap pin. 2,388,774; Nov. 13.
Tichota, Vencel J., Dodge, Nebr. Draft equalizer. 2,389,094; Nov. 13.
Tickell, Herbert J., Chicago, Ill. Stereoscopic apparatus. 2,380,088; July 10.
Tickometer Company, The: *See*—
Scher, Louis, assignor.
Tidd, Arthur H.: *See*—
Johnson, J. P., and Tidd.
Tiddy, William, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Ammonium sulphate production. 2,368,901; Feb. 6.
Tiddy, William, assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Ammonium salt production. 2,383,171; Aug. 21.
Tide Water Associated Oil Company: *See*—
Butler, D. E., Herold, and Zacher, assignors.
Galstaun, Lionel S., assignor.
Lazar A., Ruedrich, and Frazier, assignors.
Ruedrich, Paul M., assignor.
Stanfield, R. S., and Doolan, assignors.
Viland, C. K., and Hyde, assignors.
Winding, Charles C., assignor.
Zellner, Carl N., assignor.
Tidwell, Hubert, Washington, D. C. Adjustable rib. 2,378,515; June 19.
Tiede, Arthur J., assignor to G. C. Bear, Detroit, Mich. Producing a dispersive agent. 2,381,939; Aug. 14.
Tiedemann, Hans, Tokyo, Japan; vested in the Alien Property Custodian. Decomposition of sodium aluminate liquor. 2,380,804; July 31.
Tierney, Ava L.: *See*—
Harrison, Charles W., assignor.
Tierney, Samuel, Jr., Westfield, assignor to Breeze Corporations, Inc., Newark, N. J. Radio shielding manifold. 2,379,322; June 26.
Tietig, Chester, Covington, Ky. Process and apparatus for military and naval mining. 2,369,325; Feb. 13.
Tietig, Chester, Covington, Ky. Method and apparatus for fluid contact. 2,383,946; Sept. 4.
Tiffany, Frank E., Claremont, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Safety means for power-operated tools. 2,387,478; Oct. 23.
Tilbrook, Gilmore L., Washington, D. C. Rhythmeter for determining sterility and fertility. Re. 22,692; Nov. 13.
Tillett, Stanley H., Wanstead, England. Jig for use in drilling and like operations. 2,389,243; Nov. 20.
Tilley, Frank W., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Preparing hog cholera vaccine. 2,369,267; Feb. 13.
Tillitson, Edward, W., Grosse Pointe Farms, assignor to Parke, Davis & Company, Detroit, Mich. Organic amine derivatives and obtaining same. 2,370,092; Feb. 20.
Tillitson, Edward W., Grosse Pointe Farms, assignor to Parke, Davis & Company, Detroit, Mich. Organic amine derivatives and obtaining same. 2,374,791; May 1.
Tillman, George, Kingsville, Tex. Sanitary sugar bowl and extractor. 2,387,623; Oct. 23.
Tillotson, Neil E., Watertown, Mass. Resin composition. 2,369,379; Feb. 13.

Tillotson, Neil E., Watertown, Mass. Rubber or rubber-like composition and method. 2,379,389; June 26.
Tillotson, Neil E., Watertown, Mass. Apparatus for making hollow rubber articles. 2,389,009; Nov. 13.
Tillotson Manufacturing Company, The: *See*—
Phillips, Bernard C., assignor.
Tillotson, Wesley T.: *See*—
Stephens, F. J., and Tillotson.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Optical means. 2,370,697; Mar. 6.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,391,045; Dec. 18.
Tillyer, Edgar D., Southbridge, Mass., and J. W. Ford, Snyder, N. Y., assignors to American Optical Company, Southbridge, Mass. Glass annealing and method. 2,369,189; Feb. 13.
Tillyer, Edgar D., W. J. Joyce, and H. R. Moulton, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,380,481; July 31.
Tilson, Donald H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Tamperproof closure. 2,387,955; Oct. 30.
Tilson, Donald H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Tamperproof closure. 2,387,956; Oct. 30.
Tilton, Russell G., Mountain Lakes, N. J., assignor to Otis Elevator Company, New York, N. Y. Working platform for elevator hoistways. 2,379,553; July 3.
Timber Engineering Company: *See*—
Kimbell, Richard G., assignor.
Lank, Everett S., assignor.
Winkel, Victor J., assignor.
Timberlake, Josephine B.: *See*—
Schoolfield, L. D., and Timberlake.
Timbs, Edward, Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Precision timer. 2,382,833; Aug. 14.
Time, Incorporated: *See*—
Coleman, Roy E., assignor.
Times Telephoto Equipment Inc.: *See*—
Shonnard, John R., assignor.
Timken-Detroit Axle Company, The: *See*—
Alden, H. W., Buckendale, and Super, assignors.
Buckendale, Lawrence R., assignor.
Buckendale, L. R., Brownyer, and Keese, assignors.
Keese, B. W., and Blair, assignors.
Keese, B. W., and Hazen, assignors.
Rockwell, W. F., and Keese, assignors.
Spiller, W. R., Alden, and Super, assignors.
Wilber, Carl L., assignor.
Wilson, J. A., and Sutterfield, assignors.
Timken Roller Bearing Company, The: *See*—
Baker, John B., assignor.
Boden, Ernest G., assignor.
Bonte, Frederick R., assignor.
Buckwalter, Tracy V., assignor.
Buckwalter, T. V., and Scribner, assignors.
Edwards, Herbert C., assignor.
Haines, Harry F., assignor.
Reese, Carl N., assignor.
Timm Aircraft Corporation: *See*—
Powell, Reginald A., assignor.
Timm, Roy C., Buffalo, and J. Rothfuss, Orchard Park, assignors to Trico Products Corporation, Buffalo, N. Y. Inspection machine. 2,390,012; Nov. 27.
Timmerman, Paul E., Elizabeth, and C. V. Johanson, Cranford, N. J., assignors to The Linde Air Products Company. Manufacture of heating heads and blow-pipe nozzles. 2,378,516; June 19.
Timpson, Lewis G. M., Plainfield, N. J. Nozzle. 2,388,508; Nov. 6.
Timpson, Lewis G. M., Plainfield, N. J. Extinguishing fires and fluid used therein. 2,389,652; Nov. 27.
Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene Development Corporation. Method and apparatus for projecting liquid jets. 2,386,918; Oct. 16.
Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene Development Corporation. Apparatus for projecting liquid jets. 2,390,280; Dec. 4.
Tiner, Walter J., and D. G. Phillips, Long Beach, Calif. Trailer connection. 2,381,190; Aug. 7.
Tinius Olsen Testing Machine Company: *See*—
Sivertsen, Jens, assignor.
Tinker, Walter H., Boston, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Steam jet pump. 2,369,692; Feb. 20.
Tinkey, Cecil C.: *See*—
Neilson, W. E., Jr., and Tinkey.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastener. Re. 22,659; Aug. 7.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening means. Re. 22,673; Sept. 11.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,366,942; Jan. 9.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,369,380; Feb. 13.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,378,257; June 12.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,378,258; June 12.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,378,957; June 26.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,381,144; Aug. 7.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,382,520; Aug. 14.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,382,521; Aug. 14.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,382,678; Aug. 14.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,384,508; Sept. 11.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,386,824; Oct. 16.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,390,750; Dec. 11.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,390,751; Dec. 11.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,390,752; Dec. 11.
Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,391,046; Dec. 18.
Tinnerman Products, Inc.: *See*—
Hartman, Richard A., assignor.
Judd, Charles H., assignor.
Tinnerman, George A., assignor.
Tinsley, John S., assignor to Hercules Powder Company, Wilmington, Del. Molding composition. 2,368,788; Feb. 6.
Tinsley, John S., assignor to Hercules Powder Company, Wilmington, Del. Plastic composition. 2,375,708; May 8.
Tippie, George W.: *See*—
Miller, C., and Tippie, assignors.
Tip Top Toy Company: *See*—
Robins, Adolf, assignor.
Tirrell, Leslie L., Benton Harbor, Mich. High-pressure mixing nozzle. 2,369,326; Feb. 13.
Tiryakian, John H. H., Mount Vernon, N. Y. Folding book rest. 2,373,617; Apr. 10.
Tischler, Richard J.: *See*—
Ahlstrom, W. M., Tischler, and Parsons.
Tiscornia, James A., San Jose, Calif. Bib. 2,367,383; Jan. 16.
Tishler, Max: *See*—
Weijlard, J., Messerly, and Tishler.
Tishler, Max, assignor to Merck & Co., Inc., Rahway, N. J. Substituted benzoquinones and their production. 2,376,984; May 29.
Tishler, Max, assignor to Merck & Co., Inc., Rahway, N. J. Extraction of actinomycin A and manufacture of its diacetates. 2,378,449; June 19.
Tishler, Max, Rahway, N. J., and J. W. Wellman, Cleveland Heights, Ohio, assignors to Merck & Co. Inc., Rahway, N. J. Intermediates for the synthesis of riboflavin and producing such intermediates. 2,370,093; Feb. 20.
Tishler, Max, Rahway, and R. H. Beutel, Newark, assignors to Merck & Co., Inc., Rahway, N. J. Resolution of racemic alpha-hydroxy-β,β-dimethyl-gamma-butyrolactone. 2,383,524; Aug. 28.
Tishler, Max, Rahway, and R. H. Beutel, Newark, assignors to Merck & Co., Inc., Rahway, N. J. Brucine-lactone compound. 2,390,281; Dec. 4.
Tisza, Edmond T., and B. F. Duesel, Yonkers, and W Oroshnik, Brooklyn, assignors, by mesne assignments, to Nepara Chemical Co., Inc. Producing isocytosine. 2,376,637; May 22.
Titan Tool Company: *See*—
Walker, John V., assignor.
Titanium Alloy Manufacturing Company, The: *See*—
Wainer, Eugene, assignor.
Wainer, E., and Salomon, assignors.
Titcomb, Albert C., Boston, and M. D. Cronan, Belmont, assignors to New England Foundation Company, Inc., Boston, Mass. Sectional pile shell. 2,371,784; Mar. 20.
Titeflex, Inc.: *See*—
Ingals, David, assignor.
Peters, M. F., and Stone, assignors.
Titelox Manufacturing Company: *See*—
Lord, Francis Le B., assignor.
Titus, Charles H., Philadelphia, Pa., assignor to General Electric Company. Overload protective device. 2,379,323; June 26.
Tjaarda, John, Detroit, and K. Knibbe, Grosse Pointe Park, assignors to Briggs Manufacturing Company, Detroit, Mich. Coupling. 2,387,195; Oct. 16.
Tjorn, Curt: *See*—
Cook, A. A., Tjorn, and Zaparanick.

Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,373,618; Apr. 10.
Tobey, Raymond E., Springfield, Mass., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Refrigeration apparatus. 2,386,919; Oct. 16.
Tobias, Herrmann B., Washington, D. C. Double swivel bracket for outboard motors. 2,390,135; Dec. 4.
Tobiasson, George T., assignor to Universal Oil Products Company, Chicago, Ill. Reactor. 2,388,451; Nov. 6.
Tocci-Guilbert, Berne, San Francisco, Calif. Mining machine. 2,366,222; Jan. 2.
Tocci-Guilbert, Berne, San Francisco, Calif. Ore concentrator. 2,366,223; Jan. 2.
Todd Company, Inc., The: *See*—
Smith, Burgess W., assignor.
Todd, Emerson D., Detroit, Mich. Screen. 2,372,915; Apr. 3.
Todd, Floyd, Drexel Hill, Pa. Apparatus for the fractional condensation of mixed vapors. 2,387,479; Oct. 23.
Todd, Garry W., Charlotte, N. C. Tractor plow hitch. 2,372,459; Mar. 27.
Todd Shipyards Corporation: *See*—
Haynes, Charles A., assignor.
Toelle, August, and C. R. Salet, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Voltage regulator. 2,391,526; Dec. 25.
Toepper, George, and J. F. P. Farrar, assignors to Chicago Metal Hose Corporation, Maywood, Ill. Tubing construction. 2,385,389; Sept. 25.
Toffiemire, Benjamin F., Bremerton, Wash. Fracture appliance. 2,372,866; Apr. 3.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug. 2,372,867; Apr. 3.
Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Coil. 2,380,203; July 10.
Toland, William C., trustee: *See*—
Bassist, Ellis, assignor.
Toland, William C., and E. Bassist, Brookline, Mass., assignors to W. C. Toland, trustee. Making printing plates. 2,373,357; Apr. 10.
Toledo Scale Company: *See*—
Hart, Norman E., assignor.
Hem, Halvor O., assignor.
Hem, Halvor W., assignor.
Leonard, Henry K., assignor.
Marshall, Charles O., assignor.
Marshall, C. O., and Williams, assignor.
Mefferd, Paul H., assignor.
Williams, Lawrence S., assignor.
Wood, George R., assignor.
Tollefson, Richard C., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Revivification of spent phosphate catalysts. 2,369,693; Feb. 20.
Tollefson, Richard C., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,373,153; Apr. 10.
Toleik, John A., Berwyn, Ill. Aluminum alloys. 2,383,026; Aug. 21.
Tolley, Albert E.: *See*—
Burdett, A. W., Tannous, and Tolley.
Tolley, Donald B., and D. H. Hill, Macomb, Ill., assignors to Globe American Corporation, Kokomo, Ind. Fuel reservoir for oil burning heaters. 2,368,585; Jan. 30.
Tollison, Paul L.: *See*—
Corbin, W. S., Wesley, Chilson, Tollison, Caffrey, and Pilon.
Tolliver, Arthur S. A., Tuskegee, Ala. Embalming apparatus. 2,385,428; Sept. 25.
Tollman, Jerry J., Chicago, Ill. Hinge joint for artificial limbs. 2,382,679; Aug. 14.
Tolmie, Edger S., Fairfield, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Shaver motor. 2,368,951; Feb. 6.
Tolson, William A., Princeton, N. J., assignor to Radio Corporation of America. Remote control circuit. 2,371,415; Mar. 13.
Tomalis, Joseph J., deceased; L. D. Tomalis, administratrix, assignor to American Screw Company, Providence, R. I. Stake bolt. 2,377,114; May 29.
Tomalis, Joseph J., Providence, and H. G. Muenchinger, South Foster, assignors to American Screw Company, Providence, R. I. Locking screw and making. 2,371,365; Mar. 13.
Tomalis, Lillian D., administratrix: *See*—
Tomalis, Joseph J.
Tomes, Gilbert A. R.: *See*—
Graves, A., and Tomes.
Tomey, Earl H., Detroit, Mich. Trap. 2,380,127; July 10.
Tomkins-Johnson Company: *See*—
Ward, Loyd A., assignor.
Tomkinson, Henry L., Sayreville, N. J., assignor to Hercules Powder Company, Wilmington, Del. Chlorinating rubber. 2,382,353; Aug. 14.
Tomlinson, George H., Westmount, Quebec, Canada. Manufacture of sulphite pulp. 2,377,282; May 29.
Tomlinson, George H., Westmount, Quebec, Canada. Manufacture of sulphite pulp. 2,385,955; Oct. 2.
Tomlinson, John R.: *See*—
Bollo, F. G., and Tomlinson.
Tompkins, Edwin H., New York, N. Y. Power-operated tooth brush. 2,379,049; June 26.
Tompkins, Wallace W., Ridgely, Md. Internal-combustion engine. 2,373,924; Apr. 17.
Tompkins, Wilfred C., and A. Doe, assignors to Boulton Paul Aircraft Limited, Codsall, Wolverhampton, England. Friction clutch. 2,372,750; Apr. 3.
Tomsek, Frank J., Detroit, Mich. Closure plug wrench. 2,383,573; Aug. 28.
Tondreau, Albert W.: *See*—
Taylor, Dell G., assignor.
Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film registering mechanism. 2,366,578; Jan. 2.
Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Camera for color photography. 2,372,405; Mar. 27.
Tone, Frank J., Niagara Falls, O. L. Mahlman, Kenmore, and F. Brown, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of adhesive tapes. 2,389,469; Nov. 20.
Tongberg, Carl O.: *See*—
Linn, N. F., and Tongberg.
Tontrup, Robert H., Baden Station, Mo. Inspection lamp. 2,377,056; May 29.
Tooke, James W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,367,701; Jan. 23.
Tooke, James W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separation of hydrocarbons. 2,368,050; Jan. 23.
Toone, B., (Nottingham) Limited: *See*—
Cole, Bernard T., assignor.
Toone, Ralph N., assignor.
Toone, R. N., and Allen, assignors.
Toone, Ralph N., Wollaton Park, assignor to B. Toone (Nottingham) Limited, Nottingham, England. Knitting machine. 2,384,214; Sept. 4.
Toone, Ralph N., Wollaton Park, Nottingham, and T. L. Allen, Nuthall, assignors to B. Toone (Nottingham) Limited, Nottingham, England. Knitting and knitting machine. 2,377,729; June 5.
Tootal Broadhurst Lee Company Limited: *See*—
Hall, A. J., and Wood, assignors.
Toothaker, Fred E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shank stiffener and making the same. 2,371,322; Mar. 13.
Topalov, Michael I., Detroit, 7, Mich. Stream motor. 2,379,324; June 26.
Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Last lathe. 2,376,947; May 29.
Topjian, Daniel. Watertown, Mass. Inhibiting odors. 2,387,957; Oct. 30.
Topjian, Daniel, Watertown, Mass., assignor, by mesne assignments, to himself, as trustee. Garment protector. 2,390,565; Dec. 11.
Topp, William H.: *See*—
Martinelli, L. A., and Topp.
Topping, Tom P., Ragland, W. Va. Mine door. 2,376,638; May 22.
Torbett, Horace A., Knoxville, Tenn. Steam and water mixer. 2,372,533; Mar. 27.
Torigian, John, New York, N. Y. Liquid filling apparatus. 2,373,435; Apr. 10.
Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Record controlled accounting machine. 2,375,332; May 8.
Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Method of defoliating. 2,368,274; Jan. 30.
Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Defoliation of plants. 2,368,275; Jan. 30.
Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Plant defoliation. 2,368,276; Jan. 30.
Torley, Robert E., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Defoliating growing plants. 2,368,601; Jan. 30.
Tornberg, Isidor, assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web accelerating mechanism. 2,385,659; Sept. 25.
Torneböhm, Hilding V.: *See*—
Bjorklund, G. A., and Törnebohm.
Toro Manufacturing Corporation of Minnesota: *See*—
Speiser, Ralph W., assignor.
Torok, Julius J., assignor to Corning Glass Works, Corning, N. Y. Electric insulator. 2,383,090; Aug. 21.
Torpie, John F., Floral Park, N. Y., assignor to American Telephone and Telegraph Company. Selective signaling system. 2,375,048; May 1.
Torrence, George W., and W. A. Calkins, Peoria, Ill. Card index. 2,384,355; Sept. 4.
Torresen, Carel T., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Bearing. 2,373,860; Apr. 17.
Torrey, Joseph, assignor to Wingfoot Corporation, Akron, Ohio. Balancing apparatus. 2,375,171; May 1.

Torrington Company, The: *See*—
Lewis, Donald E., assignor.
Thomas, Stanley R., assignor.
Torrington Manufacturing Co.: *See*—
Williams, Edmond B., assignor.
Torrington Manufacturing Co., The: *See*—
Bergevin, Charles R., assignor.
Place, Charles I., assignor.
Troendly, H. P., and Bares, assignors.
Upson, Walter L., assignor.
Williams. Edmond B., assignor.
Torstenson, Henry A., et al.: *See*—
Krantz, Edward, assignor.
Tor-Vel Associates: *See*—
Watson, Sydney C., assignor.
Tosterud, Martin, New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Brightening surfaces of aluminum silicon alloys. 2,375,394; May 8.
Tóth, Sándor, Budafok, near Budapest, Hungary; vested in the Alien Property Custodian. Recording scale. 2,382,752; Aug. 14.
Totzek, Friedrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Inc. Regenerative gas heater. 2,391,491; Dec. 25.
Touceda, Enrique G., Loudonville, and R. P. De Vries, Menands, N. Y., assignors to Allegheny Ludlum Steel Corporation. Chromium-free air-hardening alloy steels and articles of manufacture produced therefrom. 2,380,711; July 31.
Touceda, Enrique G., and R. P. De Vries, Albany, N. Y., assignors to Allegheny Ludlum Steel Corporation. Beryllium cobalt alloy steels and articles of manufacture produced therefrom. 2,382,680; Aug. 14.
Touhey, Leo F., Minneapolis, Minn. Wind driven electric generator. 2,373,207; Apr. 10.
Toulmin, Harry A., Jr.: *See*—
Bench, D. E., Crosby, and Toulmin.
Toulmin, Harry A., Jr., Oakwood, Ohio, assignor to H-P-M Development Corporation, Wilmington, Del. Powder metallurgy. 2,384,215; Sept. 4.
Toulon, Pierre M. G., Neuilly sur Seine, France; vested in the Alien Property Custodian. Orientation system. 2,369,622; Feb. 13.
Touloumis, Simon, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Facing sleeves. 2,384,216; Sept. 4.
Tour, Sam: *See*—
Valyi, E. I., and Tour.
Tour, Sam, and A. E. Howe, New York, N. Y., assignors, by mesne assignments, to said Tour. Electrolytic barrel pickling and polishing. 2,390,282; Dec. 4.
Toussaint, Norbert F.: *See*—
Hennion, G. F., and Toussaint.
Toussaint, Walter J., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Pyrolysis of pyran derivatives. 2,387,366; Oct. 23.
Toussaint, Walter J., South Charleston, W. Va., and L. G. MacDowell, Jr., Lakeland, Fla., assignors to Carbide and Carbon Chemicals Corporation. Making halogenated ethers. 2,383,091; Aug. 21.
Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Conditioning tobacco. 2,379,117; June 26.
Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Apparatus for conditioning tobacco. 2,379,118; June 26.
Towler, Frank H.: *See*—
Towler, John M., and F. H.
Towler, John M., Summerbridge, near Harrogate, and F. H. Towler, Otley, England. Reciprocating ram pump. 2,370,760; Mar. 6.
Towler & Son Limited: *See*—
Porteous, William K., assignor.
Porteous, W. K., and Marchment, assignors.
Towne, Charles C.: *See*—
McCoy, F. C., and Towne.
Towne, Charles C., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,366,817; Jan. 9.
Towne, Edmund B.: *See*—
Dickey, J. B., Towne, and Strain.
Towne Robinson Nut Company: *See*—
De Loe, Paul, assignor.
Towner, George F., Joppa, assignor to The Glenn L. Martin Company, Baltimore, Md. Bomb control unit. 2,378,259; June 12.
Towner Manufacturing Co.: *See*—
Heckathorn, Loyd.
Townhill, Arthur, assignor to Thompson Products, Inc., Cleveland, Ohio. Band controlled piston. 2,373,518; Apr. 10.
Townhill, Arthur, Cleveland, Ohio, assignor to Thompson Products, Inc. Coupling seal construction. 2,373,925; Apr. 17.
Townhill, Arthur, Cleveland, Ohio, assignor to Thompson Products, Inc. Piston. 2,377,463; June 5.
Townsend, Albert J., Lima, Ohio. Locomotive suspension. 2,371,323; Mar. 13.
Townsend, Mark A., Cleveland Heights, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,372,149; Mar. 20.
Townsend, Norman F., Port Chester, and F. P. Tamburro, Ozone Park, assignors to Wilcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,384,509; Sept. 11.
Townsend, Robert E., Jr.: *See*—
Choate, C. E., and Townsend.
Townsend, Robert J., Donelson, Tenn. Rivet bucker. 2,373,277; Apr. 10.
Townsend, Samuel P., Maplewood, N. J. Measuring scale. 2,375,150; May 1.
Townsend, Wilbur T., Washington, D. C. Bed for infants. 2,387,196; Oct. 16.
Townshend, Stanley C.: *See*—
Wallis, A. E., and Townshend.
Townsley, Fredie, Toronto, Ontario, Canada, assignor to Holgate Brothers Company, Kane, Pa. Figured wheeled toy. 2,389,568; Nov. 20.
Toy, Arthur D. F., Chicago, Ill., assignor to Victor Chemical Works. Glycol esters of phenylphosphonic acid. 2,382,622; Aug. 14.
Toy Kraft, Inc.: *See*—
Olson, Charles S., assignor.
Tozer, Clayton N., Julian, Calif. Incinerator combined hopper and door means. 2,371,785; Mar. 20.
Trackson Company: *See*—
Erdahl, Nicholas M., assignor.
Tracy, Atlee H., Sarasota, Fla. Suspension insulator. 2,387,480; Oct. 23.
Tracy, Edward N., et al.: *See*—
Anderson, William R., assignor.
Tracy, Harris A., Stoughton, Mass. Crutch. 2,388,374; Nov. 6.
Tracy, Parker C., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Molding machine. 2,391,527; Dec. 25.
Trafford, Charles F., Binghamton, N. Y. Firearm attachment. 2,391,659; Dec. 25.
Trafton, Warren L., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener device for electrical conductors. 2,382,945; Aug. 14.
Trailer Company of America, The: *See*—
Black, James J., assignor.
Trainer, James E., Fairlawn, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid cooled wall. 2,391,108; Dec. 18.
Tramblie, Harry I., Aurora, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,374,053; Apr. 17.
Tramm, Heinrich: *See*—
Martin, F., and Tramm.
Tramontini, Vernon N., assignor to Stewart-Warner Corporation, Chicago, Ill. Heater. 2,374,569; Apr. 24.
Tramontini, Vernon N., Chicago, Ill., assignor to United States Beet Sugar Association, Washington, D. C. Beet lifter. 2,385,895; Oct. 2.
Transcontinental & Western Air, Inc.: *See*—
Ayres, Ralph C., assignor.
Melton, Clarence C., assignor.
Transit Research Corporation: *See*—
Piron, Emil H., assignor.
Rossell, William T., assignor.
Transmission Specialties Company: *See*—
Gerst, Chris, assignor.
Transportation Specialties Co.: *See*—
Johnston, Charles S., assignor.
Traphagen, Harry R.: *See*—
Schill, B. J., and Traphagen.
Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Power lift planter. 2,390,968; Dec. 11.
Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Planter. 2,390,969; Dec. 11.
Trask, Harry, New York, N. Y. Gun sight. 2,373,984; Apr. 17.
Traum, Julius A., New York, N. Y. Wrist watch strap. 2,383,628; Aug. 28.
Traumüller, Herbert, Brooklyn, N. Y. Hinge. 2,389,010; Nov. 13.
Traupel, Walter, asignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,374,510; Apr. 24.
Trautman, Charles E., East McKeesport, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Insulating oil compositions. 2,369,090; Feb. 6.
Trautman, Walter C., North Hollywood, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Accumulator. 2,378,517; June 19.
Trautman, Walter C., Burbank, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Landing gear. 2,384,054; Sept. 4.
Trautner, Nicholas W., St. Paul, Minn. Locking cap for fuel tanks and the like. 2,384,217; Sept. 4.
Trautner, Wagn, Hamilton, assignor to The K-D Lamp Company, Cincinnati, Ohio. Black-out light for vehicles. 2,370,823; Mar. 6.
Trautner, Wagn, Hamilton, assignor to The K-D Lamp Company, Cincinnati, Ohio. Flare or lantern. 2,370,824; Mar. 6.
Trautner, Wagn, Hamilton, assignor to The K-D Lamp Company, Cincinnati, Ohio. Marking and signaling means for blackout purposes and the like. 2,371,080; Mar. 6.
Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 2,382,923; Aug. 14.
Trautvetter, George, Jenkintown, assignor to Heintz Manufacturing Company, Philadelphia, Pa. Window structure. 2,386,151; Oct. 2.

Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Protective apparatus. 2,381,527; Aug. 7.
Traver, Oliver C., Drexel Hill, and G. W. McKenna, Philadelphia, Pa., assignors to General Electric Company. Protective system. 2,380,805; July 31.
Travers, Henry A., Forest Hills, and A. J. A. Peterson, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical protective system. 2,374,054; Apr. 17.
Travers, Samuel L., Bronx, N. Y. Wood joining fastener. 2,386,758; Oct. 16.
Travilla, James C., Jr.: *See*—
Harley, J. J., and Travilla.
Travilla, James C., Jr., Swarthmore, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,369,991; Feb. 20.
Travilla, James C., Jr., Swarthmore, and A. H. Pagenkemper, Glenolden, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,376,735; May 22.
Travis, Bernard V.: *See*—
Hall, S. A., Travis, and Jones.
Travis, Charles, deceased, Wyndmoor, Pa., by Y. Travis, Wyndmoor, administratrix, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Frequency modulation receiver. 2,369,621; Feb. 13.
Travis, Yvonne, administratrix: *See*—
Travis, Charles.
Traxler, John G., and P. John, Jr., Baytown, Tex., assignors to Standard Oil Development Company. Lining for internally insulated fluid containers. 2,375,710; May 8.
Traylor Engineering & Manufacturing Co.: *See*—
Roberts, W. J., and Tralyor, assignors.
Traylor, Samuel W., Jr.: *See*—
Roberts, W. J., and Traylor.
Traylor Vibrator Company, The: *See*—
Lindsay, James R., assignor.
Traylor, Waldorf S., Newport, assignor to Hercules Powder Company, Wilmington, Del. Coated article and production thereof. 2,373,278; Apr. 10.
Traynham, George E., Wilkes-Barre, Pa. Safety razor. 2,389,470; Nov. 20.
Treacy, Cyril S., Cranford, assignor to Merck & Co., Inc., Rahway, N. J. Emulsions and processes for their production. 2,369,992; Feb. 20.
Treacy, Cyril S., Scarsdale, assignor to Mamaroneck Chemical Corporation, Westchester County, N. Y. Treating Waxes. 2,383,629; Aug. 28.
Treadway, Robert H., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Asphalt modified adhesive. 2,366,943; Jan. 9.
Treadwell Engineering Company: *See*—
Beatty, Floyd A., assignor.
Treanor, Edward D., Pittsfield, Mass., assignor to General Electric Company. Thermal responsive device for electrical coils. 2,374,055; Apr. 17.
Trebes, Bruno M. A.: *See*—
Frank, G. H., and Trebes.
Treciokas, Jacob P., Oakville, assignor to Scovill Manufacturing Company, New Haven, Conn. Fastener setting or attaching machine. 2,373,436; Apr. 10.
Tredeau, Earl W., West Allis, Wis. Switch actuator. 2,389,220; Nov. 20.
Treff, Alfred: *See*—
Pearson, P. E., and Treff.
Tregre, Louis S.: *See*—
Murphree, E. V., Voorhies, Bonnell, and Tregre.
Trejo, Maximilian, and H. Cascante, New York, N. Y. Typographical machine. 2,372,407; Mar. 27.
Tremolada, Guglielmo R., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Hydraulic brake with mechanical follow-up. 2,371,856; Mar. 20.
Trencham, Henry, Ruislip, England, assignor to General Electric Company. Gas blast electric circuit breaker. 2,382,274; Aug. 14.
Treneer, Joseph M.: *See*—
Compton, W. A., and Treneer, assignors.
Treneer, Joseph M., assignor to Miles Laboratories, Inc., Elkhart, Ind. Package and making same. 2,372,406; Mar. 27.
Trenner, Nelson R., and F. A. Bacher, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Sulphauro compounds and their production. 2,370,592; Feb. 27.
Trenner, Nelson R., Westfield, and F. A. Bacher, Garwood, assignors to Merck & Co., Inc., Rahway, N. J. Sulphauro compounds and their production. 2,370,593; Feb. 27.
Trent, Thomas: *See*—
Ostrander, Clarence L., assignor.
Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Production of soap. 2,383,630; Aug. 28.
Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Manufacturing soap. 2,383,631; Aug. 28.
Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,632; Aug. 28.
Trent, Walter R., North Arlington, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating fatty glycerides. 2,383,633; Aug. 28.
Trepagnier, Joseph H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuffs. 2,373,926; Apr. 17.
Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Copolymerization of methyl cyclopentadiene and cyclopentadiene. 2,387,624; Oct. 23.
Treseder, Richard S.: *See*—
Wachter, A., and Treseder.
Treseder, Richard S., assignor to Shell Development Company, San Francisco, Calif. Catalytic conversions. 2,382,753; Aug. 14.
Tresise, David J., and A. F. Ratzer, Brentford, England, assignors, by mesne assignments, to Pyrene Development Corporation, Newark, N. J. Foam-generating substances. 2,368,623; Feb. 6.
Treuhaft, Milton A., Weehawken, N. J., assignor to John C. Batchelor. Apparatus for measuring rate of change. 2,369,499; Feb. 13.
Trevail, Charles, and K. P. Gladney, assignors to Hobbs Glass Limited, London, Ontario, Canada. Spray method of making mirrors. 2,367,903; Jan. 23.
Trevaskis, Henry, Solihull, assignor to Dunlop Rubber Company Limited, London County, England. Method and apparatus for controlling the operation of automatic mechanism such as automatic guns. 2,382,352; Aug. 14.
Trevino, Inocente, Los Angeles, Calif. Incinerator. 2,387,693; Oct. 23.
Trevisan, Italo R., Newark, N. J. Knotless package tie. 2,371,920; Mar. 20.
Trevisan, Italo R., Newark, N. J. Wheel assembly. 2,382,589; Aug. 14.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Radio repeater. 2,369,268; Feb. 13.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Angle modulated wave resonance indicator. 2,379,765; July 3.
Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiving system. 2,391,807; Dec. 25.
Trew, James W., Gettysburg, Pa. Producing composite panels. 2,372,617; Mar. 27.
Trexler, Richard R., Evanston, Ill. Liquid dispensing apparatus. 2,390,136; Dec. 4.
Tribble, William H., Brooklyn, assignor to Faximile, Inc., New York, N. Y. Duplicating recorder. 2,380,482; July 31.
Trich, Henry C., assignor to Hoof Products Company, Chicago, Ill. Pressure snubber. 2,372,408; Mar. 27.
Trich, Henry C., Santa Monica, Calif., assignor to Hoof Products Company, Chicago, Ill. Valve for hydraulic control systems. 2,381,528; Aug. 7.
Trick, Edgar H., San Antonio, Tex. Cooking grill 2,372,751; Apr. 3.
Tricker, Albert C.: *See*—
Bailey, R. E., and Tricker.
Trico Products Corporation: *See*—
Christel, Conrad, assignor.
Hess, Willis C., assignor.
Horton, Erwin C., assignor.
Mussen, Donald N., assignor.
Oishei, J. R., and Horton, assignors.
Rappl, Anton, assignor.
Rappl, A., and Horton, assignors.
Schaal, Earl V., assignor.
Scinta, Anthony C., assignor
Timm, Roy C., and Rothfuss, assignors.
Trier, Carl L., Baltimore, Md., and J. W. Fogg, Barrington, assignors to Cherry-Burrell Corporation, Chicago, Ill. Bottle washing machinery. 2,367,652; Jan. 16.
Trier, Vernon A., London, England. Liquid atomizer and diffuser. 2,382,681; Aug. 14.
Triller, Benjamin J., Dubuque, Iowa. Sliding door construction. 2,378,666; June 19.
Triman, Eugene L.: *See*—
Rockola, D. C., Dettle, and Triman.
Trimbach, Clem G.: *See*—
Berlin, D. R., and Trimbach.
Trimbach, Clem G., Eggertsville, and P. M. Birk, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Quick detachable gun mount. 2,378,260; June 12.
Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Ammunition belt tension meter. 2,385,116; Sept. 18.
Trimble, James R., assignor to Stars On Stripes Games Co., Inc., Pittsburgh, Pa. Game board. 2,371,575; Mar. 13.
Trimble Nurseryland Furniture, Inc.: *See*—
Baxter, William C., assignor.
Trimble, Robert: *See*—
Archibald, R. C., and Trimble.
Trimmings, Inc.: *See*—
Roman, John, assignor.
Trimz Company, Inc.: *See*—
Yates, W. H., and Staunton, assignors.
Trinajstich, Florian E., Los Angeles, Calif. Holder for electric welding rods. 2,371,003; Mar. 6.
Trinajstrich, Florian, et al.: *See*—
Phillips, Ellsworth B., assignor.
Trinajstrich, Ludwig, et al.: *See*—
Phillips, Ellsworth B., assignor.

Trindl, John C., Chicago, Ill. Mop structure. 2,380,128; July 10.
Trindl, John C., Chicago, Ill. Swab construction. 2,388,096; Oct. 30.
Trindl, John C., Chicago, Ill. Drainer construction. 2,390,753; Dec. 11.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,379,199; June 26.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupting apparatus. 2,379,200; June 26.
Triplett, Ray L., Bluffton, Ohio. Shock mounting instrument. 2,367,449; Jan. 16.
Tripp, Chester D., Chicago, Ill. Lock nut. 2,385,390; Sept. 25.
Trippensee, Arthur F., Riverside, Ill. Acoustical tile. 2,370,379; Feb. 27.
Trippensee, Christ W., Jefferson City, Mo. Telescopic tripod leg. 2,384,710; Sept. 11.
Trippensee, William F., Detroit, Mich. Embalming apparatus. 2,369,694; Feb. 20.
Trist, Arthur R., London, England. Machine for the coating of webs of paper and like absorbent material. 2,368,176; Jan. 30.
Trist, Arthur R., London, W. 1, England. Emulsion coating compositions. 2,389,011; Nov. 13.
Trist, Arthur R., London, W. 1, England. Colloidal dispersion of materials. 2,389,012; Nov. 13.
Trist, Ronald, & Co. Limited: *See*—
Chambers, William A., assignor.
Tritt, Forest G., Sherman, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making corrugated tubing. 2,384,055; Sept. 4.
Tritt, Forest G., Sherman, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Mandrel. 2,384,056; Sept. 4.
Tritt, Norman H., Akron, Ohio. Landing gear for aircraft. 2,385,742; Sept. 25.
Trittin, Jean C., and J. Orlando, Salt Lake City, Utah. Arrowhead. 2,370,270; Feb. 27.
Triumph Explosives, Inc.: *See*—
Johnson, John F., Jr., assignor.
Trockle, Frank E., E. D. McClellan, and W. D. Simpson, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Molding apparatus. 2,386,641; Oct. 9.
Troedson, Waldemar H., Chicago, Ill., assignor to Crane Co., Chicago, Ill. Gauge. 2,387,218; Oct. 16.
Troendle, William C., assignor to Thayer Company, Gardner, Mass. Hood for infants' carriages. 2,367,541; Jan. 16.
Troendle, William C., assignor to Thayer Company, Gardner, Mass. Safety stand. 2,378,339; June 12.
Troendle, William C., assignor to Thayer Company, Gardner, Mass. Infant's carriage. 2,384,711; Sept. 11.
Troendly, Harry P., Chicago, Ill., and F. Bares, Waterbury, assignors to The Torrington Manufacturing Co., Torrington, Conn. Face grinding. 2,375,333; May 8.
Trofimov, Lev A., Willoughby, Ohio. Power transmission unit with load speed and direction control. 2,384,776; Sept. 11.
Troglione, Vincent R.: *See*—
Loftus, F. H., and Troglione.
Troiel, Arthur E., Berkeley, Calif. Form for casting blocks. 2,368,502; Jan. 30.
Troiel, Arthur E., Berkeley, Calif. Core for tubular castings. 2,387,815; Oct. 30.
Trojan Powder Company: *See*—
Grim, Forrest D., assignor.
Snelling, Walter O., assignor
Wyler, Joseph A., assignor.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Thimble printing machine. 2,369,871; Feb. 20.
Troller, Theodor H.: *See*—
Adams, T. O., Jr., and Troller.
Troller, Theodor H., New Philadelphia, Ohio, assignor to La-Del Conveyor & Manufacturing Company. Propeller construction. 2,378,958; June 26.
Trombla, Joseph E., Amesbury, Mass. Splint. 2,370,892; Mar. 6.
Trone, Elmer: *See*—
Manning, P. D. V., and Trone.
Tropical Plantations Limited: *See*—
Hitchcock, Stanley I., assignor.
Troshkin, Alexander N.: *See*—
Pape, K., and Troshkin.
Trosky, Louis C., Chicago, Ill. Carbon and soot eliminator for oil burners. 2,375,598; May 8.
Trost, Henry W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ventilator. 2,378,518; June 19.
Trostle, John E.: *See*—
Rechtin, C. R., and Trostle.
Trostler, Fredrick, Virginia Water, England, W. R. Skelton, Brynford, and L. O. H. Holywell, North Wales. Washing of granular materials. 2,380,881; July 31.
Trott, Eleanor J., executrix: *See*—
Trott, Rolland S.
Trott, Rolland S., Denver, Colorado; E. J. Trott, executrix of said R. S. Trott, deceased. Engine mounting. 2,378,874; June 19.
Trott, Rolland S., deceased, Denver, Colo.; E. J. Trott, executrix. Airplane engine mounting. 2,380,274; July 10.
Trott, Winfield J., assignor to General Motors Corporation, Detroit, Mich. Audible stall indicator. 2,386,992; Oct. 16.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun ammunition magazine and mount. 2,366,689; Jan. 2.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Gun battery. 2,371,324; Mar. 13.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun feed control. 2,376,736; May 22.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Mounting device for fixed machine guns. 2,376,835; May 22.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,382,522; Aug. 14.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,388,509; Nov. 6.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft combat station. 2,390,013; Nov. 27.
Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,390,401; Dec. 4.
Trotter, John C., Willamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun feed mechanism. 2,390,477; Dec. 4.
Trotter, John C., Williamsville, and J. L. Jewett, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Gun feed accessory device. 2,377,828; June 5.
Trotter, John C., Williamsville, and J. L. Jewett, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Aerial cannon ammunition feed assist accessory mechanism. 2,383,830; Aug. 28.
Troxel, Robert: *See*—
Coleman, Philip G., assignor.
Troxell, Edward L., West Hartford, Conn. Convertible chair. 2,375,151; May 1.
Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of propellant powder. 2,370,209; Feb. 27.
Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for the manufacture of smokeless powder. 2,370,271; Feb. 27.
Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del., Manufacture of smokeless powder. 2,370,272; Feb. 27.
Troy Blanket Mills: *See*—
Ripley, George K., assignor.
Troy, Walter C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Nitriding hardening treatment. 2,367,978; Jan. 23.
Tru-Ade, Inc.: *See*—
Ellison, Samuel H., assignor.
Truax, Dave E.: *See*—
Griffin, I. L., Truax, and Nuttall.
Truba, Dean O., South Gate, and E. T. Liller, Los Angeles, Calif. Taper cutting adjustment for lathes. 2,372,916; Apr. 3.
Truba, Dean O., South Gate, and E. T. Liller, Los Angeles, Calif. Taper cutting attachment for lathes. 2,390,627; Dec. 11.
Trubitz, Phil, Chicago, Ill. Universal chair and cushion cover. 2,367,450; Jan. 16.
Truby, William I., Cleveland Heights, Ohio. Locking wrench. 2,385,660; Sept. 25.
Trucksess, David E.: *See*—
Potter, J. A., and Trucksess.
Trucksess, David E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulation. 2,373,208; Apr. 10.
Truesdale, Edward C., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Pneumatic sizing. 2,389,701; Nov. 27.
Truitt, Joseph A., West Chester, Pa., assignor to American Viscose Corporation, Wilmington, Del. Textile material. 2,370,112; Feb. 20.
Trumbull, Fred W., Los Altos, Calif. Trousers marking device. 2,381,191; Aug. 7.
Truscon Laboratories, Inc.: *See*—
Madison, Ralph E., assignor.
Trust, M. L., R. R. Pendleton, trustee: *See*—
Greenleaf, R. M., and Hunt, assignors.
Trusty, Harry P., Los Angeles, Calif. Automatic parachute delivery mechanism for aircraft. 2,390,230; Dec. 4.
Tryfus, Frederic, Forest Hills, and A. Mendel, New York, N. Y. Carrier means for artificial teeth. 2,383,027; Aug. 21.
Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of hydroxylammonium salts. 2,368,072; Jan. 23.
Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparing hydroxy amides. 2,368,073; Jan. 23.

Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Preparing 2-oxazolines. 2,372,409; Mar. 27.
Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of 2-oxazolines. 2,372,410; Mar. 27.
Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of hydroxylammonium chloride. 2,377,193; May 29.
Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Manufacture of hydroxylamine hydrochloride and carboxylic acids. 2,381,410; Aug. 7.
Tschesche, Rudolph, Berlin-Wilmersdorf, Germany, assignor to Schering Corporation, Bloomfield, N. J. Sulphones of the aromatic series and making the same. 2,382,924; Aug. 14.
Tschopp, Jacob T.: *See*—
Bachman, C. H., and Tschopp.
Tschudin, Walter F., assignor to firm of Sandoz A. G., Basel, Switzerland. Improvement of the properties of artificial masses and fibers. 2,368,690; Feb. 6.
Tschumi, Otto, assignor to Autophon Aktiengesellschaft, Soleure, Switzerland. Subscriber's calling device in electroacoustic transmission apparatus. 2,383,355; Aug. 21.
Tubbs, Lester G.: *See*—
Lessmann, G. P., and Tubbs.
Tube Turns: *See*—
Shelly, Franklin E., assignor.
Tubing Seal-Cap, Inc.: *See*—
Livermont, Frank W., assignor.
Tucker, C. M., et al.: *See*—
Compton, Henry P., assignor.
Tucker, Elton B.: *See*—
Grubb, H. M., and Tucker.
Tucker, Emmitt M., Jr.: *See*—
Tucker, E. M., E. M., Jr., and J. M.
Tucker, Emmitt M., E. M., Jr., and J. M., Burbank, Calif. Power snow sled. 2,378,111; June 12.
Tucker, Emmitt M. and E. M., Jr., Grass Valley, and J. M. Tucker, Long Beach, assignors of one-tenth to J. J. Looser, Grass Valley, Calif. Hollow tap. 2,388,022; Oct. 30.
Tucker, Frank P., Little Silver, N. J. Batten. 2,371,921; Mar. 20.
Tucker, Frank P., Little Silver, N. J. Partition base. 2,390,857; Dec. 11.
Tucker, Frederick C.: *See*—
Ridgway, E. O., Tucker, and Kintner.
Tucker, Harold: *See*—
Alexander, C. H., and Tucker.
Tucker, Harold, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Copolymers of vinylidene chloride and conjugated diene hydrocarbons. 2,376,208; May 15.
Tucker, Harold H.: *See*—
Hodshon, A. E., and Tucker.
Tucker, Jesse D., assignor of ten per cent to B. W. Fuller, Lodi, Calif. Internal-combustion engine. 2,379,119; June 26.
Tucker, John T., New York, N. Y. Propulsion apparatus. 2,381,235; Aug. 7.
Tucker, Joseph M.: *See*—
Tucker, E. M., E. M., Jr., and J. M.
Tucker, Morris, Brooklyn, N. Y. Furniture. 2,377,464; June 5.
Tucker, Nathaniel B., Glendale, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,525; Aug. 28.
Tucker, Nathaniel B., Louisville, Ky., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,526; Aug. 28.
Tucker, Nathaniel B., Louisville, Ky., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,739; Aug. 28.
Tucker, Nathaniel B., Louisville, Ky., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent composition. 2,383,740; Aug. 28.
Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Balanced vane pump. 2,368,789; Feb. 6.
Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Twin-cylinder constant speed hydraulic system. 2,374,630; Apr. 24.
Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp. Inc., Wilmington, Del. Injection press. 2,380,882; July 31.
Tucker, Warren R., Oakwood, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic transmission. 2.384.218; Sept. 4.
Tucker, Warren R., and G. A. Waldie, Dayton, Ohio, assignors to The Hydraulic Development Corp. Inc., Wilmington, Del. Vane pump. 2,371,081; Mar. 6.
Tuckerman, Louis B.: *See*—
McGoldrick, R. T., and Tuckerman.
Tuerca Victoria, S. A.: *See*—
Glumer, Gustave V., assignor.
Tuerck, Karl H. W.: *See*—
Staudinger, H. P., and Tuerck.
Staudinger, H. P., Tuerck, and Brittain.
Tuerck, Karl H. W., Banstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of acyl peroxides. 2,379,390; June 26.
Tuerck, Karl H. W., Banstead, and H. J. Lichtenstein, London, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Purification of acetaldol by distillation. 2,368,904; Feb. 6.
Tuff-Hard Corporation: *See*—
Endress, Frederick A., assignor.
Tufts, Nathan, assignor to The New England Box Company, Greenfield, Mass. Toboggan. 2,367,157; Jan. 9.
Tulin Corporation: *See*—
Bennett, John M., assignor.
Tullock, Donald, Jr., Holly Oak, Del. Weather covering material. 2,367,318; Jan. 16.
Tully, James K., Evanston, L. Andersen, Chicago, and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Berth. 2,371,482; Mar. 13.
Tully, James K., Evanston, L. Andersen, Chicago, and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Railway car ladder. 2,382,370; Aug. 14.
Tully, Paul B.: *See*—
Hopkinson, O. W., Jr., and Tully.
Tumath, Baumgartner and Block: *See*—
Baumgartner, Menno G., assignor.
Tung-Sol Lamp Works, Inc.: *See*—
Atkins, Carl E., assignor.
Bareiss, Max, assignor.
Cunniff, Thomas W., assignor.
Feindel, Abbott, assignors.
Tungsten Carbide Tool Company: *See*—
Seiter, Donaldson, assignor.
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Reception of timing modulated waves. 2,371,416; Mar. 13.
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,379,325; June 26.
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,379,614; July 3.
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,389,879; Nov. 27.
Tunley, Allan A., Peterborough, assignor to Baker Perkins Limited, Peterborough, Northampton, England. Enrober of chocolate coating machine. 2,380,806; July 31.
Tunnicliffe, Edward A. J., Thorpe Bay, England. Distance measuring device. 2,376,836; May 22.
Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Directional control and reverse valve. 2,374,714; May 1.
Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating lathe attachment. 2,375,831; May 15.
Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating shaper attachment. 2,376,405; May 22.
Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Tracer mechanism. 2,386,825; Oct. 16.
Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating mechanism and directional control. 2,389,653; Nov. 27.
Turchan, Manuel, and C. Walker, Dearborn, Mich. Profiling and contouring tracer mechanism, hydraulic connections and directional control. 2,390,566; Dec. 11.
Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating mechanism and exhaust governor. 2,391,492; Dec. 25.
Turchin, Isador, Brooklyn, N. Y. Reversible bonnet. 2,367,074; Jan. 9.
Turck, Joseph A. Valentine, Jr., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Producing metal compositions of low apparent density. 2,375,506; May 8.
Turck, Joseph A. V., Wilmette, assignor to Felt and Tarrant Manufacturing Company, Chicago, Ill. Carry foil mechanism. 2,381,788; Aug. 7.
Turck, Joseph A. V., Jr., and J. Ross, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Selectively hydrogenated tall oil and making same. 2,389,284; Nov. 20.
Turco Products, Inc.: *See*—
Hunter, D. P., and Stine, assignors.
Stine, Carl A., assignor.
Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,380,204; July 10.
Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Bridging plug. 2,382,455; Aug. 14.
Turek, Thomas J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure control mechanism. 2,380,558; July 31.
Turenchalk, Harry: *See*—
Turenchalk, John and H.
Turenchalk, John and H., Yonkers, N. Y. Dental floss holder. 2,384,712; Sept. 11.
Turer, Jack: *See*—
Riemenschneider, R. W., and Turer.
Turin, John J., Ottawa Hills, assignor to Surface Combustion Corporation, Toledo, Ohio. Dew point indicator. 2,376,209; May 15.

Turk, Richard H., Baltimore, Md., assignor to Pemco Corporation. Wall structure having anchored architectural facing. 2,370,594; Feb. 27.
Turkington, Victor H., Caldwell, and L. R. Whiting, Woodbridge, N. J., assignors to Bakelite Corporation, New York, N. Y. Polymerization of styrene and its derivatives. 2,367,810; Jan. 23.
Turkington, Victor H., Mountain Lakes, and W. H. Butler, Bloomfield, N. J., assignors to Bakelite Corporation, New York, N. Y. Oil-soluble resins. 2,375,964; May 15.
Turnbaugh, Elbert L., San Francisco, assignor to Percentograph Inc., Carmel, Calif. Date finder unit. 2,382,754; Aug. 14.
Turnbull, Norman K., Pitman, N. J. Tracer bullet. 2,381,474; Aug. 7.
Turnbull, Stockton G., Jr.: *See*— Rosenberg, H. R., and Turnbull.
Turnbull, Stockton G., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hormone derivatives. 2,385,852; Oct. 2.
Turnbull, Stockton G., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing hormones. 2,385,853; Oct. 2.
Turnbull, William J., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Seaplane docking. 2,381,789; Aug. 7.
Turner, Albert F., Herkimer, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulator. 2,387,863; Oct. 30.
Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Producing abrasives. 2,371,786; Mar. 20.
Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Method and apparatus for forming films. 2,373,639; Apr. 10.
Turner, Arthur F., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical element. 2,384,578; Sept. 11.
Turner, Basil S., M. B. Arisman, and J. G. Veatch, assignors to Chicago Telephone Supply Company, Elkhart, Ind. Variable resistance device. 2,389,750; Nov. 27.
Turner, Benjamin H., and G. B. S. Falkiner, Broadway, Sydney, assignors to The Turner Parachute Pty. Limited, Sydney, New South Wales, Australia. Quick release box for parachute harness. 2,391,204; Dec. 18.
Turner Brass Works: *See*— Slezak, John, assignor.
Turner Brothers Asbestos Company Limited: *See*— Dawson, E. L., and Taylor, assignors.
Turner, Cameron, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Holder for sheet material. 2,366,296; Jan. 2.
Turner, Cameron, Beverly, Mass. Making candles. 2,379,391; June 26.
Turner, Charles H., Worcester, Mass., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Propeller shaft brake. 2,375,152; May 1.
Turner, Charles W., and E. P. Reineke, Columbia, assignors to American Dairies, Inc., Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Thyroprotein composition and making the same. 2,379,842; July 3.
Turner, Charles W., and Ezra P. Reineke, Columbia, assignors to American Dairies Incorporated, Kansas City, Mo., and The Quaker Oats Company, Chicago, Ill. Increasing the egg production of fowls. 2,385,117; Sept. 18.
Turner, Delber W., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Liquid-flow indicating and metering system. 2,370,210; Feb. 27.
Turner, Duncan S. C., Staten Island, N. Y. Valve refacing machine. 2,376,737; May 22.
Turner, Eugene P., Sacramento, Calif. Sheep shears. 2,375,262; May 8.
Turner, George F.: *See*— Harper, P. S., and Turner.
Turner, Harold D.: *See*— Stamm, A. J., and Turner.
Turner, Howard H., Lawndale, Calif. Door construction. 2,379,120; June 26.
Turner, Howard H., assignor of thirty-five per cent to J. A. Turner, Lawndale, Calif. Door construction. 2,386,016; Oct. 2.
Turner, James O.: *See*— Hudson, T. B., and Turner.
Turner, James, assignor of one-half to Limoges China Company, and one-half to F. M. Kinnard, Sebring, Ohio. Clay working machine. 2,366,297; Jan. 2.
Turner, John R., Milford, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Work feeding device. 2,369,269; Feb. 13.
Turner, John R., J. H. McLeod, and G. H. Bullock, assignors to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for polishing glass and like substances. 2,380,275; July 10.
Turner, Joseph A.: *See*— Turner, Howard H., assignor.
Turner Manufacturing Company, Limited: *See*— Groves, Walter R., assignor. Mooney, Burley and J. G., assignors.
Turner & Newall Limited: *See*— Cann, John A., assignor.
Turner Parachute Pty. Limited, The: *See*— Turner, B. H., and Falkiner, assignors.
Turner, Prescott K., Fairfield, Conn., assignor to General Electric Company. Fluid heater. 2,369,993; Feb. 20.
Turner, Price G., Yorkville, N. Y. Wheel lock. 2,377,465; June 5.
Turner, Raymond C., Columbus, Ohio. Centering attachment. 2,373,927; Apr. 17.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin chute for weft replenishing looms. 2,376,738; May 22.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Buffer for loom bobbin receivers. 2,380,807; July 31.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Bobbin magazine for weft replenishing looms. 2,381,790; Aug. 7.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electrical weft detector for looms. 2,384,979; Sept. 18.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. End plate for multistack bobbin magazines. 2,387,197; Oct. 16.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for looms. 2,389,471; Nov. 20.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread control system for looms. 2,390,014; Nov. 27.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric weft detector for looms. 2,391,365; Dec. 18.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Convertible weft replenishing loom. 2,391,602; Dec. 25.
Turner, Robert S., Oklahoma City, Okla. Seat securing means. 2,372,802; Apr. 3.
Turner, Robert S., Oklahoma City, Okla. Anchoring means for vehicle seats. 2,372,803; Apr. 3.
Turner, Russell J., Butler, Pa. Rubber protector. 2,388,097; Oct. 30.
Turner, Thomas G., assignor to The Monarch Marking System Company, Dayton, Ohio. Counting and controlling mechanism. 2,372,460; Mar. 27.
Turner Type Founders Company, The: *See*— Adrian, Joseph, assignor.
Turner, Wellmore B., executor, et al.: *See*— Sherman, John Q.
Turner, Wellmore B., et al., executors: *See*— Metzner, Albert W., assignor.
Turner, William T.: *See*— Michaud, John C., assignor.
Turney, Eugene T., Holmes, N. Y. Light meter. 2,371,559; Mar. 13.
Turney, Eugene T., Holmes, N. Y. Knurling tool. 2,378,261; June 12.
Turpan, James, Paterson, N. J. Rodent trap. 2,373,068; Apr. 3.
Turpin, Alexander J.: *See*— Schumann, A. F., and Turpin.
Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Removable tank heater. 2,368,177; Jan. 30.
Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Combination burner for liquid and gaseous fuels. 2,368,178; Jan. 30.
Turpin, Alexander J., Stewart Manor, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Reigniting liquid-fuel burner. 2,368,179; Jan. 30.
Turpin, Harold J.: *See*— Shepherd, R. V., and Turpin.
Turrettini, Fernand, Bellevue-Geneva, Switzerland. Episcopic illuminating device. 2,373,928; Apr. 17.
Turrettini, Fernand, Bellevue–Geneva, Switzerland. Projection apparatus. 2,373,929; Apr. 17.
Turrettini, Fernard, Bellevue-Geneva, Switzerland. Optical control apparatus. 2,373,930; Apr. 17.
Turrettini, Fernand, Bellevue-Geneva, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Optical measuring means applied in machines and instruments. 2,368,434; Jan. 30.
Turrettini, Fernand, Bellevue, assignor to the firm Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Machine tool. 2,376,100; May 15.
Turrettini, Fernand, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Thread grinding machine. 2,380,883; July 31.
Turtle, Alfred C., Montreal, Quebec, Canada. Portable power-driven conveyer. 2,375,965; May 15.
Tuten, James M., Greenville, S. C., assignor to Draper Corporation, Hopedale, Mass. Filling feeler. 2,379,403; June 26.
Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Package wrapping. 2,371,858; Mar. 20.
Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Adjustable labeling device. 2,378,112; June 12.
Tuthill Pump Company: *See*— Martinsson, Gunnar R.
Tuttle & Kift, Inc.: *See*— Tuttle, William R., assignor.

Tuttle, Wainwright, Madison, N. J. Apparatus for producing corrugated tubing. 2,372,917; Apr. 3.
Tuttle, William N., Concord, assignor to General Radio Company, Cambridge, Conn. Pulse-integrating circuit. 2,374,248; Apr. 24.
Tuttle, William R., Riverside, assignor to Tuttle & Kift, Inc., Chicago, Ill. Electric heating unit. 2,368,051; Jan. 23.
Tuttle, William R., and W. J. Beldue, assignors to The Kurlash Company, Inc., Rochester, N. Y. Eyelash curler. 2,391,047; Dec. 18.
Tuuri, James R.: *See*—
Philips, G. B., and Tuuri.
Tuwiner, Sidney B., Flushing, N. Y., and D. A. Dodge, Baltimore, Md., assignors to Phelps Dodge Corporation, New York, N. Y. Copper pigment. 2,371,483; Mar. 13.
Twardowski, John J., Philadelphia, Pa. Expanding tool. 2,383,028; Aug. 21.
Tweedale, Ralph L., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,366,161; Jan. 2.
Tweeddale, John, Torrance, Calif. Oil smoke generator. 2,379,766; July 3.
Tweeddale, John, Torrance, Calif., assignor to The Secretary of War of the United States of America, as trustee. Cowl for oil burning smoke screen devices. 2,381,374; Aug. 7.
Tweit, Jacob M., Holcombe, Wis. Casting device. 2,381,089; Aug. 7.
Tweit, Olay M., Mountain Lakes, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Washbox. 2,373,519; Apr. 10.
Twemlow, Edwin: *See*—
Edge, S. H., and Twemlow.
Twentieth Century-Fox Film Corporation: *See*—
Chatelain, Arthur B., assignor.
Clark, Daniel B., assignor.
Faulkner, Carlton W., assignor.
Hess, Louis F., assignor.
Laube, Grover, assignor.
Weideman, Harvey E., assignor.
Wright, Arthur G., assignor.
Twidwell, James E., La Grande, Oreg. Haystacker and automatic release. 2,387,198; Oct. 16.
Twin Disc Clutch Company: *See*—
Black, J. B., and Shurts, assignors.
Twiss, Douglas F.: *See*—
Blanco, J. R., Neale, and Twiss.
Twyman, Harold F., Dayton, Ohio, assignor to Chandler-Evans Corporation, South Meriden, Conn. Carburetor. 2,391,755; Dec. 25.
Tyden, Emil, Hastings, Mich. Sprinkler head. 2,375,832; May 15.
Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,331; Nov. 20.
Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,332; Nov. 20.
Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,333; Nov. 20.
Tyden, Emil, Hastings, Mich. Sprinkler head. 2,389,334; Nov. 20.
Tydon, Walter: *See*—
Noonan, E. L., and Tydon.
Noonan, E. L., and Tydon, assignors.
Tydon, Walter, Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Multiple control valve. 2,366,883; Jan. 9.
Tydon, Walter, Kenmore, and W. J. Augustine, Hempstead, N. Y., assignors to Curtiss-Wright Corporation. Control operating mechanism. 2,379,999; July 10.
Tyer Rubber Company: *See*—
Fraser, Roland K., assignor.
Tyken, John G., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Blocker synchronizer. 2,380,559; July 31.
Tyler, John D., Stamford, Conn. Combined duplicating and printing machine. 2,366,884; Jan. 9.
Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine suspension system. 2,368,334; Jan. 30.
Tyler Laboratories, Incorporated: *See*—
Witte, Paul J., assignor.
Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Remote control. 2,389,829; Nov. 27.
Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,389,830; Nov. 27.
Tyler, Rayen W., assignor to Eastman Kodak Company, Rochester, N. Y. Making photographic films. 2,384,657; Sept. 11.
Tyler, Richard G., Seattle, Wash. Treating sewage. 2,379,554; July 3.
Tyler, Tracy B., Chicago, Ill., assignor to The Monopower Corporation, Detroit, Mich. Automatic transmission. 2,381,786; Aug. 7.
Tyler, W. S., Company, The: *See*—
Parks, W. J., assignor.
Parks, Walter J., assignor.
Brown, H. E., and Grant, assignors.
Tymstra, Sybren, Berkeley, Calif., and T. K. Miles, Washington, D. C., assignors to Shell Development Company, San Francisco, Calif. Removing oil from water. 2,367,384; Jan. 16.
Tynan, James N., assignor to A. G. Spalding & Bros. Inc., Chicopee, Mass. Laminated tubing. 2,382,834; Aug. 14.
Tyrner, Joseph M., New York, N. Y. Electric circuit controller. 2,388,023; Oct. 30.
Tyrner, Joseph M., New York, N. Y., assignor to Air Reduction Company, Incorporated. Starting device for gravity arc welders. 2,387,864; Oct. 30.
Tyrseck, Walter J., assignor to Robertson Paper Box Company, Inc., Montville, Conn. Box. 2,367,476; Jan. 16.
Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Catalytic conversion of hydrocarbon oils. 2,382,755; Aug. 14.
Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Cracking of hydrocarbon oils. 2,384,356; Sept. 4.
Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Chemical reactions. 2,391,366; Dec. 18.
Tyson, Levi D., Elkhart, Ind., assignor to International Detrola Corporation. Lathe. 2,380,808; July 31.
Tyzzer, Howard J., Caldwell, assignor to Ferris Instrument Corporation, Boonton Township, N. J. Electrical energy transmission. 2,376,101; May 15.
Tyzzer, Howard J., Caldwell, assignor, by mesne assignments, to H. E. and F. A. Barnes, East Orange, N. J. Electrical energy conversion. 2,389,472; Nov. 20.
Udale, Stanley M.: *See*—
Olson, E., and Udale.
Olson, E., Beard, and Udale, assignors.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Mixture control. 2,367,542; Jan. 16.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Liquid meter. 2,367,543; Jan. 16.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Flowmeter. 2,367,544; Jan. 16.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Fuel pump. 2,367,545; Jan. 16.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Engine control. 2,372,989; Apr. 3.
Udale, Stanley M., Detroit, Mich., assignor to G. M. and E. Holley. Ignition control. 2,383,898; Aug. 28.
Udy, Marvin J., Niagara Falls, N. Y. Metallurgy. 2,367,630; Jan. 16.
Udy, Marvin J., Niagara Falls, N. Y. Metallurgy. 2,370,608; Feb. 27.
Udy, Marvin J., Niagara Falls, N. Y. Chromium recovery. 2,381,236; Aug. 7.
Udy, Marvin J., Niagara Falls, N. Y. Chromium recovery. 2,381,565; Aug. 7.
Udy, Marvin J., Niagara Falls, N. Y. Recovering sodium chromate. 2,388,775; Nov. 13.
Udy, Marvin J., Niagara Falls, N. Y. Metallurgy. 2,390,970; Dec. 11.
Udylite Corporation, The: *See*—
Brown, Henry, assignor.
Davis, John V., assignor.
Lindh, Gunnar, assignor.
Lindh, G., and Phillips, assignors.
Phillips, William M., Jr., assignor.
Uhle, Frederick C.: *See*—
Elderfield, R. C., and Uhle.
Uhlemann Optical Co. of Illinois: *See*—
Uhlemann, W. R., and Uhlemann, assignors.
Uhlemann, Richard H.: *See*—
Uhlemann, W. R., and Uhlemann.
Uhlemann, William R., Evanston, and R. H. Uhlemann, Antioch, assignors to Uhlemann Optical Co. of Illinois, Chicago, Ill. Ophthalmic mounting. 2,366,659; Jan. 2.
Uhlig, Edwin C.: *See*—
Strickhouser, S. I., and Uhlig.
Uhlig, Edwin C., Greenwood, R. I., assignor to United States Rubber Company, New York, N. Y. Cushion heel. 2,375,153; May 1.
Uhlig, Herbert H., Schenectady, N. Y., assignor to General Electric Company. Passivating stainless steels. 2,390,402; Dec. 4.
Ulfsby, Nels J., and A. C. Jensen, Chicago, Ill. Automatic antislam check valve. 2,390,015; Nov. 27.
Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Controller. 2,373,636; Apr. 10.
Ulliman, Edward A., Springfield, Ohio. Cutter. 2,370,273; Feb. 27.
Ullman, Robert, New York, N. Y., and F. Brauner, Laurelton, N. J.; said Brauner, assignor to said Ullman. Magnetic hand tool. 2,390,339; Dec. 4.
Ullmer, Valentine G., Pittsburgh, Pa., assignor to Haynes Stellite Company. Apparatus for treating metal articles. 2,389,702; Nov. 27.
Ullrich, Bruno L.: *See*—
Iglehart, F. C., and Ullrich.
Ullrich, Edward H., London, W. C. 2, England, assignor to International Electric Corporation, New York, N. Y. System of communication by means of electrical waves. 2,381,847; Aug. 7.
Ullrich, Osmar A., Jr., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for forming optical wedges. 2,369,764; Feb. 20.
Ullstrand, Hugo M., Stockholm, Sweden, assignor to Servel, Inc., New York, N. Y. Refrigeration. Re. 22,664; Aug. 14.

Ullyot, Glenn E., assignor to Smith, Kline & French Laboratories, Philadelphia, Pa. Cyclohexenyl alkylamines. 2,367,546; Jan. 16.
Ulm, John B., Stockton, Calif. Detachable boom for industrial trucks. 2,386,759; Oct. 16.
Ulm, Reign C., East Chicago, Ind., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Pa. Liquid seal vent. 2,367,158; Jan. 9.
Ulm, Reign C., assignor to Graver Tank & Mfg. Co., Inc., East Chicago, Ind. Pressure tank. 2,380,089; July 10.
Ulmer, Theodore, North Hollywood, and C. E. Sowle, Van Nuys, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Cockpit enclosure and release mechanism. 2,367,075; Jan. 9.
Ulrich, Carl F.: *See*—
Alling, E. R., and Ulrich.
Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Machine and method for making slide fasteners. 2,370,380; Feb. 27.
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. 1:2 alleylene imine condensation products. 2,368,082; Jan. 23.
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Nitrogenous condensation products of alkylene imines. 2,382,185; Aug. 14.
Ulrich, Theodore: *See*—
Berry, W. S., Phelps, and Ulrich.
Deisley, E. J., Ulrich and Lindsay.
Ulrich, Theodore, Milwaukee, Wis., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Cowl ventilator. 2,367,904; Jan. 23.
Ulrich, Theodore, Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle structure, especially tonneau bottom structure. 2,370,211; Feb. 27.
Ulrich, Theodore, Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 2,383,029; Aug. 21.
Ulrich, Theodore, Bridgeport, Conn., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Door suspension for vehicles, especially automobiles. 2,383,428; Aug. 21.
Ulrich, Theodore, Bridgeport, Conn., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 2,386,280; Oct. 9.
Umbdenstock, Walter, assignor to R. T. Moloney, Chicago, Ill. Milling and grinding machine. 2,375,052; May 1.
Umsted, Carleton G.: *See*—
Vielehr, O. A., Umsted, and Good.
Uncas Manufacturing Company: *See*—
Barbieri, Nicholas, assignor.
Underhill, Joseph L., Indianapolis, Ind., assignor to Radio Corporation of America. Film reel spindle. 2,385,479; Sept. 25.
Underkofler, Leland A.: *See*—
Fulmer, E. I., Underkofler, and Hickey.
Hale, W. J., and Underkofler.
Underwood Corporation: *See*—
Anderson, Walter A., assignor.
Dobson, William A., assignor.
Helmond, William F., assignor.
Kurowski, Alfred G. F., assignor.
Neidich, Samuel A., assignor.
Kuhl, Frank P., assignor.
Yaeger, Harry C., assignor.
Underwood, Cyril J., assignor to Dowty Equipment Limited, Cheltenham, England. Oleo-pneumatic shock absorber. 2,388,885; Nov. 13.
Underwood Elliott Fisher Company: *See*—
Anderson, Walter A., assignor.
Fraser, L. B., and Lambert, assignors.
Mann, Miles H., assignor.
Pitman, Henry L., assignor.
Sagner, Walter T., assignor.
Sundstrand, Oscar J., assignor.
Sundstrand, O. J., and Swanson, assignors.
Wise, Elmer L., assignor.
Wornel, Thomas C., assignor.
Underwood, George J., Chicago, Ill., assignor to Hercules Powder Company, Wilmington, Del. Resin composition. 2,391,368; Dec. 18.
Underwood, James E., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing machine. 2,372,138; Mar. 20.
Underwood, James E., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing machine. 2,385,429; Sept. 25.
Underwood, James W.: *See*—
D'Alelio, G. F., and Underwood.
Underwood, Ney W., Jr., et al.: *See*—
Sadtler, Robert E., assignor.
Unger, Abraham, East Orange, assignor to Duro Persian Manufacturing Co., Inc., East Newark, N. J. Making textiles. 2,374,631; Apr. 24.
Unger, Chester E., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Centrifugal throwing wheel. 2,376,639; May 22.
Unger, Magnus, Pittsfield, Mass., assignor to General Electric Company. Electric apparatus. 2,368,503; Jan. 30.
Unger, Maurice, and W. Ockrant, Cincinnati, Ohio. Facilitating the landing and take-off of airplanes from movable runways. 2,375,449; May 8.
Unger, Paul O.: *See*—
Dawson, G. H., and Unger.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Punch. 2,368,790; Feb. 6.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Punch. 2,382,523; Aug. 14.
Unger, William H., assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Electric translating system. 2,368,052; Jan. 23.
Ungethuem, Ewald: *See*—
Schneider, A., and Ungethuem.
Union Asbestos & Rubber Company: *See*—
Astley, William F., assignor.
Breen, H. D., and O'Connor, assignors.
O'Conner, Arthur F., assignor.
Rudolph, Oscar J., assignor.
Union Bag & Paper Corporation: *See*—
Karlson, Karl R., assignor.
Union Carbide and Carbon Corporation: *See*—
Aronson, Peter R., assignor.
Babcock, Roger S., assignor.
Baker, C. H., and Olson, assignors.
Chelborg, R., and Pufahl, assignors.
Jacobsson, W. J., and Anthes, assignors.
Jacobsson, W. J., and Young, assignors.
Jones, Homer W., assignor.
La Force, Jean, assignor.
Lobosco, Roscoe R., assignor.
Meiklejohn, Robert, Jr., assignor.
Pierson, Ralph C., assignor.
Seemann, Arthur K., assignor.
Young, Lloyd W., assignor.
Union Fork & Hoe Company, The: *See*—
Miller, Erwin C., assignor.
Union Manufacturing Company, The: *See*—
Nelles, Russell E., assignor.
Union Metal Manufacturing Company, The: *See*—
Tashjian, Armen H., assignor.
Union Mining Company of Allegany County: *See*—
Morton, William A., assignor.
Union Oil Company of California: *See*—
Amott, Earl, assignor.
Bradley, William E., assignor.
Byrns, Alva C., assignor.
Carr, Donald E., assignor.
Cook, James F., assignor.
Dillon, L., and Ragatz, assignors.
Doumani, Thomas F., assignor.
Fischer, P. W., and Jenkins, assignor.
Flaxman, Marcellus T., assignor.
Huffman, Hal C., assignor.
Huppke, W. F., and Vermeulen, assignors.
Jenkins, Vance N., assignor.
Jones, P. H., and Flaxman, assignors.
Lake, George R., assignor.
McKinnis, Art C., assignor.
Polly, O. L., and Byrns, assignors.
Scott, Frederick S., assignor.
Union Oil Company of California, et al: *See*—
Fisher, Harmon F., assignor.
Union Special Machine Company: *See*—
Bagwell, Hardy L., assignor.
Christensen, Norman V., assignor.
Kucera, Frank A., assignor.
Le Vesconte, H. J., and Schweda, assignors.
Rubel, Charles F., assignor.
Sauer, George, assignor.
Sheldon, Archibald M., assignor.
Smith, Clarence C., assignor.
Wertz, James E., assignor.
Wood, K. R., and Ahmer, assignors.
Union Starch & Refining Company: *See*—
Fetzer, Walter R., assignor.
Union Switch & Signal Company, The: *See*—
Allen, Earl M., assignor.
Ashworth, H. E., and Aylsworth, assignors.
Baughman, George W., assignor.
Beall, Charles R., assignor.
Black, Harry L., assignor.
Blakeslee, Raymond C., assignor.
Blosser, Herman G., assignor.
Bone, Herbert L., assignor.
Bone, H. L., and Livingston, assignors.
Bone, H. L., and Staples, assignors.
Breisch, E. W., and Bossart, assignors.
Clark, Gerald T., assignor.
Clausen, H. C., and Hedding, assignors.
Cobourn, Delbert F., assignor.
Crago, Paul H., assignor.
Crawford, Archibald M., assignor.
Culbertson, George A., assignor.
Dodd, Arthur E., assignor.
Douglass, Myrl R., assignor.
Dower, D. W., and Clark, assignors.
Dowling, P. H., and Taylor, assignors.
Failor, Charles W., assignor.
Haines, Harvey A., assignor.
Hays, Thomas W., assignor.
Jackel, Arthur P., assignor.
Jerome, Arthur L., assignor.
Jerome, A. L., and Lewis, assignors.

Union Switch & Signal Company, The: *See*—Continued
Konrad, William L., assignor.
Livingston, John W., assignor.
Martin, Paul N., assignor.
McCann, Ronald A., assignor.
Nicholson, Frank H., assignor.
Nyberg, Morgan A., assignor.
Pfiasterer, George R., assignor.
Shaw, Noble C., assignor.
Smith, Harry R., assignor.
Steiner, Harold K., assignor.
Talbert, H. A., and Staples, assignors.
Temple, George L., assignor.
Thompson, Howard A., assignor.
Thompson, H. A., and Van Horn, assignors.
Thompson, L. E., and Jenkins, assignors.
Van Horn, James J., assignor.
Volz, Carl, assignor.
Wenholz, Walter W., assignor.
Union Trust Company of Pittsburgh, The, et al., executors: *See*—
Hommel, Oscar.
Union Underwear Co., Inc.: *See*—
Goldfarb, J. A., and Moore, assignors.
Unit Rays, Inc.: *See*—
Hebeler, Edward S., assignor.
Longoria, Antonio, assignor.
Unit Rig & Equipment Company: *See*—
Carter, Ray E., assignor.
United Acoustigraph Corporation: *See*—
De Sart, Albert W., Sr., assignor.
United Aircraft Corporation: *See*—
Barnes, Gilbert C., assignor.
Caldwell, Frank W., assignor.
Caldwell, F. W., and Martin, assignors.
Colvin, J. W., and Judd, assignors.
Campbell, Paul J., assignor.
Cole, Gilmoure N., assignor.
French, Albert H., assignor.
Gluhareff, Michael E., assignor.
Gorton, Robert E., assignor.
Hasbrouck, John S., assignor.
Highberg, Axel L., assignor.
Jarvis, Harold T., assignor.
King, Alexander H., assignor.
Martin, Erle, assignor.
Parkins, W. A., Cole, and Smith, assignors.
Richey, D. M., assignor.
Tyler, John M., assignor.
Williams, George L., assignor.
Wilson, Thomas A., assignor.
United Aircraft Products, Inc.: *See*—
(Cruzan, H., assignor) and Booth.
Wolcott, Glenn W., assignor.
United Air Lines, Inc: *See*—
Martin, Joseph S., assignor.
Sandretto, P. C., and Montgomery, assignors.
United Autographic Register Company: *See*—
Winter, Charles L., assignor.
United Autographic Register Co.: *See*—
Berggren, Thurston V., assignor.
Euth, John E., assignor.
United Biscuit Company of America: *See*—
Edmonson, William H., assignor.
United Carbon Company, Inc.: *See*—
Hanson, H., and Skoog, assignors.
Hanson, H., Skoog, and Grisso, assignors.
United-Carr Fastener Corporation: *See*—
Bedford, William A., Jr., assignor.
Churchill, Wilmer H., assignor.
Cogswell, Elliot P., assignor.
Johnson, Frank E., assignor.
Johnson, Russell W., assignor.
Mitchell, Robert, assignor.
Murphy, Howard J., assignor.
Sargent, Albert A., Jr., assignor.
Trafton, Warren L., assignor.
Woodward, Clement A., assignor.
United Chromium, Incorporated: *See*—
Stareck, J. E., and Passalacqua, assignors.
United Cotton Products Company: *See*—
Hurst, Edward, assignor.
United Dairy Equipment Company: *See*—
McFadden, James B., assignor.
Rhodes, John C., assignor.
United Elastic Corporation: *See*—
Lilley, S. C., and Foster, assignors
United Elevator Service, Inc.: *See*—
Di Giovanni, Joseph, assignor.
United Engineering and Foundry Company: *See*—
Biggert, Florence C., Jr., assignor.
Johnson, L., Jr., and Stone, assignors.
Stone, Morris, D., and Gleve, assignors.
United Gas Improvement Company, The: *See*—
Ault, Waldo C., assignor.
Batchelder, Howard R., assignor.
Breuer, Frederick W., assignor.
Claffey, Joseph B., assignor.
Chaney, Newcomb K., assignor.
Chaney, N. K., and Hall, assignors.
Franz, Raymond A., assignor.
Hall, Edwin L., assignor.
Hall, E. L., and Batchelder, assignors.
Hall, E. L., and Terzian, assignors.
United Gas Improvement Company, The: *See*—Continued
Janeway, Price W., Jr., assignor.
Soday, Frank J., assignor.
Trepp, Samuel G., assignor.
Ward, Alger L., assignor.
Weir, Horace M., assignor.
United Geophysical Company: *See*—
Hoover, Herbert, Jr., assignor.
Hoskins, E. E., and Moore, assignors.
Peterson, Raymond A., assignor.
United Glass Bottle Manufacturers Limited: *See*—
Moorshead, William A., assignor.
Schmerling, Louis, assignor.
United Glass Bottle Manufacturers Limited, The: *See*—
Dorman, Edgar P., assignor.
United Last Company: *See*—
Levaggi, Victor J., Jr., assignor.
Loewer, Henry F., assignor.
Loewer, H. F., and Brown, assignors.
United Merchants & Manufacturers, Inc.: *See*—
Fountain, Harold, assignor.
Whewell, R., and Bauer, assignors.
United Paperboard Company: *See*—
Shina, Frank C., assignor.
United-Rexall Drug Company: *See*—
Cordero, Tulio, assignor.
United Sales Corporation, The: *See*—
Bradley, James A., assignor.
United Shoe Machinery: *See*—
Gookin, Sylvester R., assignor.
United Shoe Machinery Corporation: *See*—
Abell, Walter P., assignor.
Ashley, M. F., and Ryan, assignors.
Ashworth, Fred, assignor.
Barner, Louis L., assignor.
Bartholomew, Edward L., assignor.
Bazzoni, Lewis J., assignor.
Bell, Charles C., assignor.
Bell, C. C., and Goodhue, assignors.
Bennion, L. H., and Smart, assignors.
Brostrom, C. G., and Naugler, assignors.
Burby, Philip E., assignor.
Carr, J. W., and Clarke, assignors.
Clark, Alfred S., assignor.
Cooper, B. P., and Thorne, assignors.
Cushman, Lee H., assignor.
Davis, Emery R., assignor.
De Tour, Frank W., assignor.
Downer, Gerald W., assignor.
Duplessis, René E., assignor.
Edgar, David, assignor.
Ericson, Roy G., assignor.
Ewart, John M., assignor.
Fernald, Mark E., assignor.
Fitzgerald, Charles F., assignor.
Fossa, Joseph, assignor.
Fredericksen, James P., assignor.
Gill, Emerson C., assignor.
Goodhue, William V., assignor.
Gookin, Sylvester L., assignor.
Haas, Otto R., assignor.
Harrington, Valentine F., assignor.
Hindes, Joseph T., assignor.
Holmgren, Eric A., assignor.
Hood, Charles E., assignor.
Jorgensen, Bernhardt, assignor.
Knott, Clyde L., assignor.
Knowlton, Cutler D., assignor.
Knowlton, C. D., and Edgar, assignors.
La Chapelle, Euclid I., assignor.
Lancaster, John T., assignor.
Lane, H., and Barton, assignors.
Lawson, Robert H., assignor.
LeRette, William P., assignor.
Lovejoy, F. C., and Buxton, assignors.
Mac Kenzie, Wilbur L., assignor.
Newhall, Carl A., assignor.
Orr, T. F., and Curtin, assignors.
Paulsen, Hans C., assignor.
Proulx, Leonard E., assignor.
Quinn, Edward, assignor.
Ray, Eugene J., assignor.
Richardson, George K., assignor.
Ricks, Fred, assignor.
Ricks, F., and Bagshaw, assignors.
Roberts, William T. B., assignor.
Robinson, Charles A., assignor.
Ruedebush, Richard A., assignor.
Russell, Arthur L., assignor.
Sandberg, Robert N., assignor.
Speight, Francis R., assignor.
Stacey, Ernest W., assignor.
Standish, John F., assignor.
Taylor, Fred P., assignor.
Thresh, Frank R., assignor.
Toothaker, Fred E., assignor.
Topham, Laurence E., assignor.
Turner, Cameron, assignor.
Willmott, Herbert J., assignor.
Winkley, Erastus E., assignor.
Woodbury, Stephen E., assignor.
United Specialties Company: *See*—
Sebok, Frank, assignor.

U. S. Asbestos Cement Pipe Company: *See*—
Ferla, John, assignor.
U. S. Automatic Corporation: *See*—
Nord, Eric T., assignor.
United States Bedding Company, The: *See*—
Olsson, Carl, assignor.
United States Beet Sugar Association: *See*—
Powers, John B., assignor.
Tramontini, Vernon N., assignor.
U. S. Bobbin & Shuttle Co.: *See*—
Gosselin, Wilfred J., assignor.
United States Bung Manufacturing Company, The: *See*—
Lawton, George W., assignor.
United States Catheter & Instrument Corp.: *See*—
Jeckel, Norman C., assignor.
United States, dedicated to the free use of the People in the territory of the: *See*—
Browne, Harold H.
Sweet, Carroll V., assignor.
Wilkie, John B.
U. S. Electrical Motors, Inc.: *See*—
Huck, G. E., and Luenberger, assignors.
Luenberger, F. O., and Pugh, assignors.
Myers, Thomas G., assignor.
Pfleger, George T., assignor.
United States Envelope Company: *See*—
Gordon, Harry W., assignor.
Heywood, Vincent E., and Cary, assignors.
Heywood, V. E., and McRae, assignors.
Stone, R. K., and Brougham, assignors.
Swift, Willard E., assignor.
United States Gypsum Company: *See*—
Baker, George W., assignor.
Baker, G. W., and Nelsson, assignors.
Balduf, Bruno E., assignor.
Huntzicker, Harry N., assignor.
Jessen, Heinrich C., assignor.
Linzell, Harry K., assignor.
Page, John, assignor.
Paley, Lewis A., assignor.
Parsons, Joseph R., assignor.
Petty, Wilcy, assignor.
Scholz, H. A., Wise, Gill, and Schmidt, assignors.
Stephens, F. J., and Tillotson, assignors.
Stitt, Roger H., assignor.
Strom, Carl S., assignor.
Wack, Otis, assignor.
Wise, John K., assignor.
United States Hoffman Machinery Corporation: *See*—
Locke, S. J., and Francey, assignors.
Wesely, Edwin F., assignor.
U. S. Industrial Chemicals, Inc.: *See*—
Balcar, Frederick R., assignor.
Dennis, Wolcott, assignor.
Hodge, Howard M., assignor.
Hoyt, Howard E., assignor.
Schultze, Norman C., assignor.
Souther, Benjamin L., assignor.
U. S. Metallic Magnesium Company: *See*—
Forsgren, D. W., and Forsgren, assignors.
United States Metallic Packing Company: *See*—
Price, Joseph W., Jr., assignor.
United States Ordnance Company: *See*—
Delalande, Paul J. M. R., assignor.
United States Quarry Tile Company: *See*—
Feichter, Harold R., assignor.
United States Rubber Company: *See*—
Armstrong, Robert T., assignor.
Arrington, Conrad J., assignor.
Blair, George W., assignor.
Breck, Samuel, assignor.
Bright, Oscar L., assignor.
Brown, Charles F., assignor.
Brown, C. F., and Hulse, assignors.
Crandall, Algier H., assignor.
Cunningham, Marion M., assignor.
Cuthbertson, George R., assignor.
Drake, Charles E., assignor.
Ebers, Earle S., assignor.
Eger, Ernst, assignor.
Emery, Albert C., assignor.
Foster, Boutwell H., assignor.
Garber, Ray S., assignor.
Gates, Joseph S., assignor.
Grafton, Corydon M., assignor.
Haddad, Nassib, assignor.
Harding, Watson G., assignor.
Hanslick, Roy S., assignor.
Harkins, Henry H., assignor.
Hart, William J., assignor.
Hile, Heston H., assignor.
Howland, Louis H., assignor.
Howland, L. H., and Paul, assignors.
Hurt, Victor H., assignor.
Kirby, W. G., and Steinle, assignors.
Ladd, Elbert C., assignor.
Martin, Frank S., assignor.
Messer, William E., assignor.
Meyer, Albert W., assignor.
Muller, J. A., and Cranston, assignors.
Patten, Fred F., assignor.
Paul, Philip T., assignor.
Ranier, E. T., and French, assignors.
Rhines, Chester E., assignor.

United States Rubber Company: *See*—Continued
Rover, James T., assignor.
Sawyer, Fred A., assignor.
Schott, J. F., Luxenberger, and Blair, assignors.
Shinkle, Seaphes D., assignor.
Strickhouser, S. I., and Uhlig, assignors.
Sunbury, Herbert E., assignor.
Teague, Merwyn C., assignor.
Ter Horst, William P., assignor.
Uhlig, Edwin C., assignor.
Valentine, Frank R., Jr., assignor.
Wallace, Edward H., assignor.
U. S. Shellac Importers Association, Inc.: *See*—
Bassford, Henry H., Jr., assignor.
Gardner, W. H., and Bassford, assignors.
U. S. Slicing Machine Company: *See*—
Ahrndt, Arthur H., assignor.
Anderson, Thure A., assignor.
Thomas, Henry, assignor.
United States Spring & Bumper Co.: *See*—
Rauen, John B., assignor.
United States Steel Corporation: *See*—
Miller, Richard F., assignor.
Percy, James W., assignor.
Percy, J. W., Johnston and Sosman, assignors.
Smith, George V., assignor.
United States Steel Corporation et al.: *See*—
Grossman, M. A., and Miller, assignors.
United States Steel Corporation of Delaware: *See*—
Vilella, Joseph R., assignor.
Queneau, Augustin L. J., assignor.
United States Steel Products Compnay: *See*—
Hanrahan, William I., assignor.
U. S. Textile Machine Company: *See*—
Thomas, Pacific J., assignor.
U. S. Thermo Control Company: *See*—
Jones, Frederick M., assignor.
United States Time Corporation, The: *See*—
Johnson, Manfred J., assignor.
Rosengren, Bernhard, assignor.
U. S. Tool and Mfg. Co.: *See*—
Greig, Arthur, assignor.
United States Vanadium Corporation: *See*—
Burwell, Blair, assignor.
United Stove Company: *See*—
Breed, Carroll M., assignor.
Universal Atlas Cement Company: *See*—
Robison, Sidney J., assignor.
Universal Camera Corporation: *See*—
Pignone, Joseph, assignor.
Universal Moulded Products Corporation: *See*—
Nebesar, Robert J., assignor.
Ostling, Felix, assignor.
Universal Oil Products Company: *See*—
Ahlberg, Jacob E., assignor.
Ahlberg, J. E., and Thomas, assignors.
Alberding, Charles H., assignor.
Alther, Joseph G., assignor.
Barnes, Marion W., assignor.
Bloch, Herman S., assignor.
Bloch, H. S., and Schaad, assignors.
Bloch, H. S., and Thomas, assignors.
Brown, Kenneth M., assignor.
Corson, B. B., and Maxutov, assignors.
Danforth, Joseph D., assignor.
Dryer, Charles G., assignor.
Egloff, Gustav, assignor.
Friedman, Bernard S., assignor.
Friedman, B. S., and Stedman, assignors.
Gerhold, Clarence E., assignor.
Gerhold, Clarence G., assignor.
Grapes, Frank E., assignor.
Grosse, A. V., and Linn, assignors.
Grosse, A. V., and Mattox, assignors.
Haensel, V., and Friedman, assignors.
Hensel, Walter C., assignor.
Hervert, George L., assignor.
Huff, Lyman C., assignor.
Hulsberg, William E., assignor.
Ipatieff, Vladimir N., assignor.
Ipatieff, V. N., and Haensel, assignors.
Ipatieff, V. N., and Linn, assignors.
Ipatieff, V. N., and Pines, assignors.
Ipatieff, V. N., and Schaad, assignors.
Ipatieff, V. N., and Schmerling, assignors.
Iverson, John O., assignor.
Kanhofer, Elmer R., assignor.
Kanhofer, E. R., and Becker, assignors.
Lee, Edward C., assignor.
Lee, E. C., and Ahlberg, assignors.
Linn, Carl B., assignor.
Linn, C. B., and Ipatieff, assignors.
Lowry, Charles D., Jr., assignor.
McAfee, Jerry, assignor.
Mattox, William J., assignor.
Mattox, W. J., and Benedict, assignors.
Mavity, Julian M., assignor.
Mayland, Harrison C., assignor.
McGrew, Edwin H., assignor.
Mekler, Lev A., assignor.
Mekler, L. A., and Gerhold, assignors.
Morrell, Jacque C., assignor.
Nelson, Edwin F., assignor.
Newman, Robert J., assignor.

Universal Oil Products Company: *See*—Continued
Penisten J. Robert, assignor.
Pines, H., and Bloch, assignors.
Pines, H., and Ipatieff, assignors.
Pinkston, John T., Jr., assignor.
Pyzel, Robert, assignor.
Read, Davis, Jr., assignor.
Schaad, Raymond E., assignor.
Schmerling, Louis, assignor.
Schmerling, L., and Ipatieff, assignors.
Thomas, Charles L., assignor.
Thomas, C. L., and Ahlberg, assignors.
Thomas, C. L., and Haensel, assignors.
Tobiasson, George T., assignor.
Webb, G. M., and Smith, assignors.
White, John B., assignor.
Zimmerman, Gordon B., assignor.
Universal Oil Reclaimer Company, Limited: *See*—
Braun, Arno A., assignor.
Universal Paper Products Company: *See*—
Amberg, Walter E., assignor.
Universal Products Company Incorporated: *See*—
Dunn, George E., assignor.
Ransom, Richard B., assignor.
Universal Railway Devices Company: *See*—
Bartsch, Herbert E., assignor.
Wilson, Jack, assignor.
Universal Royalty and Developing Company, The: *See*—
Schmidt, Hermann H., assignor.
Universal Slide Fastener Co. Inc.: *See*—
Voity, M., and Griffiths, assignors.
Universal Winding Company: *See*—
Morton, Robert E., assignor.
Perry, Eugene L., assignor.
Universal Wire Spring Company, The: *See*—
Blumensaadt, Svend G.
Neely, William H., assignor.
Neely, W. H., and Blumensaadt, assignors.
Universal Zonolite Insulation Co.: *See*—
Goodrich, H. R., and Sucetti, assignors.
University of California, The, Regents of, The: *See*—
Ark, Peter A., assignor.
Babcock, S. H., Jr., and Baker, assignors.
University of Cincinnati, Inc., Foundation of The Research Laboratory of the Tanners' Council of the United States of America at the: *See*—
Highberger, J. H., and Kersten, assignors.
University of Kansas Research Foundation, The: *See*—
Stephenson, Eugene A., assignor.
University of Illinois, Board of Trustees of the: *See*—
McCauley, W. E., and Veach, assignors.
University of Minnesota, Regents of the: *See*—
Smith, L. I., and King, assignors.
Wilson, C. O., and Boothe, assignors.
University of Iowa, State: *See*—
Kuever, R. A., and Maney, assignors.
University of Kansas Research Foundation, The: *See*—
Stephenson, Eugene A., assignor.
University of Minnesota, Regents of: *See*—
Arnold, Richard T., assignor.
Newman, Morris, assignor.
University of Minnesota. Regents of the: *See*—
Gisvold, Ole, assignor.
Smith, L. I., and Rouault, assignors.
University of New Hampshire: *See*—
Caughey, Robert A., assignor.
University of St. Louis, President & Board of Trustees of: *See*—
Doisy, E. A., MacCorquodale, Thayer, Binkley, and McKee, assignors.
Univis Lens Company, The: *See*—
Graham, A. K., Smith, and William, assignors.
Smith, Charles V., assignor.
Unke, Herman A., Parma Heights, Ohio. Welding ring. 2,369,381; Feb. 13.
Unroe, John W.: *See*—
Van der Hoeven, B. J. C., and Unroe.
Unsworth, Samuel A., Lawrenceville, Ill. Diesel engine fuel injector. 2,385,239; Sept. 18.
Unsworth, Thomas A.: *See*—
Lundgren, Eric, assignor.
Unterman, Manuel S., Far Rockaway, N. Y., assignor to Republic Aviation Corporation. Aircraft armament. 2,371,004; Mar. 6.
Upham, David S., Fort Jones, Calif. Rifle. 2,373,931; Apr. 17.
Upham, John D.: *See*—
Latchum, J. W., Jr., and Upham.
Wolk, I. L., and Upham.
Upham, John D., and I. L. Wolk, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic process and apparatus. 2,373,358; Apr. 10.
Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Effecting catalytic reactions. 2,374,511; Apr. 24.
Upham, John D., and I. L. Wolk, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic conversion. 2,376,564; May 22.
Upham, John D., Bartlesville, Okla., assignor to Phillips Petroleum Company. Supported catalysts and preparation thereof. 2,386,518; Oct. 9.
Upjohn Company, The: *See*—
Kuizenga, Marvin H., assignor.
Upper, Frederick A.: *See*—
Martin, H. C., and Upper.
Upper, Frederick A., assignor to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,375,263; May 8.
Upright, Richard M.: *See*—
Bass, S. L., Upright, and Dennett.
Upson, Ralph H., Ann Arbor, Mich., assignor, by mesne assignments, to Autogiro Company of America. Aircraft. Re. 22,595; Jan. 23.
Upson, Walter L., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Fluid propeller. 2,378,049; June 12.
Upton, Charles B., Piqua, Ohio. Liquid expressing press. 2,369,192; Feb. 13.
Upton, Frederick P., New Rochelle, assignor to Geneto Corporation, Mount Vernon, N. Y. Handle-bar switch. 2,389,013; Nov. 13.
Urbain, Leon F., Chicago, Ill. Wall or ceiling covering. 2,382,456; Aug. 14.
Urbain, Leon F., Chicago, Ill. Assembling construction units. 2,389,171; Nov. 20.
Urban, Joseph, Detroit, Mich. Mechanism for typesetting machines. 2,372,990; Apr. 3.
Urban, Stephen F., Chicago, Ill. Extraction of iron from pickle liquor or solutions containing iron salts. 2,366,298; Jan. 2.
Urban, Stephen F., Chicago, Ill. Pickling solution. 2,367,811; Jan. 23.
Urban, Stephen F., Chicago, Ill. Making chromium-nickel austenitic stainless steel. 2,374,396; Apr. 24.
Uren, Lester C., Berkeley, Calif., assignor to The Texas Company, New York, N. Y. Apparatus for placing gravel in wells. 2,372,461; Mar. 27.
Urquhart, Noel, Stewart Manor, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Permanent magnet. 2,380,560; July 31.
Urquhart, Radcliffe M., Montgomeryville, Pa. Producing lacteal food products. 2,375,833; May 15.
Urquhart, Radcliffe M., Montgomeryville, Pa. Apparatus for making cellular masses. 2,381,475; Aug. 7.
Ursutz, Joseph J., assignor of one-third to G. T. Bush, Chesterton, Ind. Fuel burner. 2,387,420; Oct. 23.
Usher, Vernon C.: *See*—
Haugh, Raymond R., assignor.
Usines Tornos Fabrique De Machines Moutier S. A.: *See*—
Mancia, J., and Mégel, assignors.
Usselman, George L., Rocky Point, N. Y., assignor to Radio Corporation of America. Transmission line monitor. 2,366,660; Jan. 2.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency and phase comparison detection and control system. 2,387,544; Oct. 23.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wave length modulation. 2,388,098; Oct. 30.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Timing modulation. 2,379,201; June 26.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,382,590; Aug. 14.
Utah Radio Products Company: *See*—
Carbonneau, Gordon S., assignor.
Utermohlen, William P., Jr.: *See*—
Hasche, R. L., and Utermohlen.
Utility Trailer Manufacturing Company: *See*—
Barnhart R. M., Bennett, and Heinmiller, assignors.
Utley, Ray C., and A. Feilchenfeld, Jr., Chicago, Ill. Hat steamer. 2,369,623; Feb. 13.
Utsch, Albert, Normandy, assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Control surface for airplanes. 2,370,893; Mar. 6.
Utterback, Ernest, Upper Darby, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrocarbon conversion process. 2,382,371; Aug. 14.
Utterback, Thomas C., et al.: *See*—
Howard, William C., Jr., assignor.
Utz, Chester C., Magnolia (Redford Station), assignor to Chrysler Corporation, Highland Park, Mich. Steering mechanism. 2,390,231; Dec. 4.
Uxbridge Worsted Co., Inc.: *See*—
Walter, Harold J., assignor.
V. Fuener, Wilhelm: *See*—
Pier, M., Free, and v. Fuener.
Vaala, Gordon T.: *See*—
Hoover, F. W., and Vaala.
Hoover, F. W., and Vaala, assignors.
Vaala, Gordon T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenol-formaldehyde resin and polyamide composition, 2,378,667; June 19.
Vaala, Gordon T., Wilmington, Del., and R. B. Carlin, Champaign, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polmers from dioxane. 2,385,661; Sept. 25.
Vaccarella, Giuseppe M. M., Manhasset, N. Y. Collar stiffener. 2,372,752; Apr. 3.
Vac-U-Matic Corporation: *See*—
Miller, August F., assignor.
Vacuum Cleaner Corp. of America: *See*—
Meletti, Adolph, assignor.
Vadnais, Charles L., St. Paul, Minn. Laundry bag. 2,373,209; Apr. 10.

Vaiden, Cowles M., Indio, Calif. Ladder. 2,385,171: Sept. 18.
Vail, Thomas V.: *See*—
Paxton, C., and Vail.
Vaill, John L., Middlebury, Conn. Automatic ferrule attaching machine. 2,377,829; June 5.
Vaisey, Samuel B., assignor of one-half to R. A. Bristol, Rochester, N. Y. Shoe. 2,385,743; Sept. 25.
Vajda, Arthur, assignor to The Ohio Brass Company, Mansfield, Ohio. Safety device for automatic screw machines. 2,373,619; Apr. 10.
Valdastri, Mario, Sr., Kailua, Island of Oahu, Hawaii. Method of and apparatus for making ravioli. 2,386,93; Oct. 16.
Valdene, Jean P., assignor of fifty per cent to D. Guest, New York, N. Y. Apparatus for handling airplanes. 2,390,754; Dec. 11.
Valdes, Silverio A.: *See*—
D'Agostino, F. J., and Valdes.
Vale, Ruby R., Milford, Del Collapsible tube and supporting bracket therefor. 2,368,952; Feb. 6.
Valensi, Georges, Paris, France; vested in the Alien Property Custodian. System of television in colors. 2,375,966; May 15.
Valenti, Ernest, Brooklyn, N. Y. Toy. 2,382,186; Aug. 14.
Valentine, Carroll E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace regulator system. 2,367,979; Jan. 23.
Valentine, Frank R., Jr., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,380,129; July 10.
Valentine, Frank R., Jr., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Antioxidants. 2,380,130; July 10.
Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Alloy suitable for use as a bearing. 2,376,210; May 15.
Valentine, Irving R., Erie, Pa., assignor to General Electric Company. Brake for heavy vehicles. 2,379,767; July 3.
Valentine, Joseph E., Plainfield, N. J., and R. J. Peña, New York, N. Y., assignors to Oxzyn Company. Pad and manufacture. 2,366,680; Jan. 2.
Valentine, Joseph E., Plainfield, N. J., and R. J. Pena, New York, N. Y., assignors to Oxzyn Company. Powder puff and making the same. 2,366,681; Jan. 2.
Valentino, Michael L.: *See*—
Kylin, O., H. O., and Valentino.
Valenzano, Michael: *See*—
Minichello, Peter J., assignor.
Valerino, Wenceslao P., and J. A. Menendez, Habana, Cuba. Combined feed mechanism and weighing device. 2,367,247; Jan. 16.
Vallandigham, Vance V., assignor to Coe Laboratories, Inc., Chicago, Ill. Impression material. 2,390,137; Dec. 4.
Vallandigham, Vance V., Park Ridge, assignor to Coe Laboratories, Inc., Chicago, Ill. Conditioning gel molds. 2,390,138; Dec. 4.
Vallely, Leslie S.: *See*—
Ording, D., and Vallely.
Vallen, Earl J., Akron, Ohio. Door or like operating device. 2,378,262; June 12.
Vallez, Henry A., Bay City, Mich., assignor, by mesne assignments, to Infilco Incorporated, Chicago, Ill. Refining and purification of sugar juices. 2,388,194; Oct. 30.
Vallez, Henry A., Bay City, Mich., assignor, by mesne assignments, to Infilco Incorporated, Chicago, Ill. Purification of sugar juices and the like. 2,388,195; Oct. 30.
Valve Engineering Company: *See*—
Caldwell, Walter T., assignor.
Valve Pilot Corporation: *See*—
Welden, Fay D., assignor.
Valyi, Emerik I., and S. Tour, New York, N. Y. Producing reinforced metal sheets. 2,375,334; May 8.
Vana, Charles A., Brecksville, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Silicate base adhesive. 2,387,367; Oct. 23.
Van Ackeren, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, Inc. Coking retort oven. 2,378,450; June 19.
Vanadium Corporation of America: *See*—
Chandler, Henry T., assignor.
Van Akkeren, Antonius J. J., The Hague, Netherlands; vested in the Alien Property Custodian. Joint nail or clip 2,371,935; Mar. 20.
Van Allan, James A.: *See*—
Allen, C. F. H., and Van Allan.
Van Amstel, Johannes J. A. P.: *See*—
Addink, N. W. H., van Amstel, and Bos.
Vanasse, Armand A., Waterbury, Conn. Shoulder pad. 2,385,315; Sept. 18.
Van Auken, Howard C.: *See*—
Chafee, E. W., and Van Auken.
Van Benschoten, Walter, assignor to The Radiart Corporation, Cleveland, Ohio. Radio antenna. 2,366,299; Jan. 2.
Van Brederode, Mary S., et al., executrices: *See*—
Smith, Robert A., assignor.
Van Brunt Manufacturing Company, The: *See*—
Hyland, William A., assignor.
Starr, John H., assignor.
Van Buren, Charles J., assignor of one-half to J. E. Cameron, Fort Lauderdale, Fla. Venetian blind. 2,385,391; Sept. 25.
Van Buren, Violet, Carlsbad, N. Mex. Fish lure. 2,378,370; June 12.
Van Camp Sea Food Company, Inc.: *See*—
Lassen, Sven H., assignor.
Van Campen, Henry, New York, N. Y. Safetypin. 2,373,069; Apr. 3.
Van Campen, Marcus G., Jr.: *See*—
Shelton, R. S., and Van Campen.
Vance, Arthur W., Cranbury, N. J., assignor to Radio Corporation of America. Power supply for electron microscopes. 2,377,283; May 29.
Vance, Roy M., and C. A. Damicone, assignors to The General Tire & Rubber Company, Akron, Ohio. Rubber to metal adhesive and making same. 2,379,939; July 10.
Vancil, Edgar D.: *See*—
Mehlhope, L. E., and Vancil.
Van Cleef Bros.: *See*—
Breslove, Abel H., assignor.
Wood, Raymond E., assignor.
Van Cleef, Robert S., Memphis, Tenn. Tieback for curtains. 2,391,205; Dec. 18.
Vancura, Rudolf. Vienna, Germany; vested in the Alien Property Custodian. Stapling device. 2,381,192; Aug. 7.
Van Daalen, Henry A. S., New York, N. Y. Illuminated signal device for life saving equipment. 2,377,194; May 29.
Vande Bunte, Donald L., assignor to Packard Motor Car Company, Detroit, Mich. Etching ink. 2,377,593; June 5.
Van de Carr, Charles R., Jr., Chillicothe, assignor, by mesne assignments, to K-C-M Company, Dayton, Ohio. Paper manufacture. 2,378,113; June 12.
Van De Hey, Roche J., Manitowoc, Wis. Tractor lug. 2,377,195; May 29.
Van de Kamp, Jacob, Westfield, N. J., and M. Sletzinger, Bronx, N. Y., assignors to Merck & Co., Inc., Rahway, N. J. Production of tropine. 2,366,760; Jan. 9.
Van Dellen, Edward, and R. N. Ball, Visalia, Calif. Food product. 2,382,682; Aug. 14.
Van den Akker, Michael A. H., Voorburg (Z. H.), Netherlands; vested in the Alien Property Custodian. Apparatus for checking entries. 2,377,466; June 5.
Vanden Bergh, Alfred, Green Bay, Wis. Drive for paper manufacturing machines. 2,387,421; Oct. 23.
Van den Bosch, Francois J. G., and E. T. J. Tapp, London, England, assignors to Radio Electronics Limited. Electron discharge device. 2,378,164; June 12.
Van der Bie, Godfried J., Buitenzorg, Java, Netherlands, East Indies; vested in the Alien Property Custodian. Concentrating latex. 2,371,560; Mar. 13.
Vanderbilt, Byron M.: *See*—
Hass, H. B., and Vanderbilt.
Vanderbilt, Byron M., Cranford, and N. S. Beekley, Jr., Westfield, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Coagulating emulsion polymerizates. 2,385,172; Sept. 18.
Vanderbilt, R. T., Co. Inc.: *See*—
Comstock, Earle H., assignor.
Craig, William L., assignor.
Somerville, Albert A., assignor.
Sproat, Ira E., assignor.
Van der Hoeven, Bernard J. C., Pittsburgh, Pa., and J. W. Unroe, Steubenville, Ohio, assignors, by mesne assignments, to Koppers Company, Inc. Refining of coke-oven light oil. 2,389,172; Nov. 20.
Van der Horst Corporation of America: *See*—
Van der Horst, Henderik, assignor.
Van der Horst, Henderik, Hilversum, Netherlands, assignor, by mesne assignments, to Van der Horst Corporation of America. Electrolytic process of making piston rings. 2,367,159; Jan. 9.
Vanderlyn, Philip B., Finchley, N. 3, and E. L. C. White, Chiswick, W. 4, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Twin-discharge tube oscillator. 2,373,437; Apr. 10.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Apparatus for making abrasive articles. 2,391,206; Dec. 18.
Van der Rest, Gerard, Carmel-by-the-Sea, Calif. Method and apparatus for the launching of revetment mats. 2,390,403; Dec. 4.
Vandervoort, Lorain N.: *See*—
Sacchini, C. R., and Vandervoort.
Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Pressure regulating selector valve. 2,377,115; May 29.
Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Hydraulic motor unit. 2,389,654; Nov. 27.
Vanderzee, Harry H.: *See*—
Baldwin, C. P., and Vanderzee.
Van Deventer, H. R., et al.: *See*—
Minto, Wallace L., assignor.
Van Deventer, Harry R.: *See*—
Shively, J. J., and Van Deventer.

Van de Venter, Walter F.: *See*—
Jones, C. G., and Van de Venter.
Van Dietz, John P. M., Ipsden, Oxon, England. Fuel and air supply for internal-combustion engines. 2,368,180; Jan. 30.
Van Dobbenburgh, Willem J. D.: *See*—
Moritz, A. J. L., Schoonderwoerd, Van Dobbenburgh, and Markwood, assignors.
Van Donk, Cornelius H., Green Bay, Wis. Filing cabinet. 2,378,114; June 12.
Van Dusen, Laurence W., Tucson, Ariz. Crewless glider. 2,385,392; Sept. 25.
Van Dyck, Arthur, New York, N. Y., assignor to Radio Corporation of America. Harbor navigation system. 2,391,079; Dec. 18.
Van Dyke, Edward E.: *See*—
Del Mar, B. E., and Van Dyke.
Van Dyke, Harry B., and R. O. Greep, Stelton, and B. F. Chow, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Obtaining substantially pure interstitial-cell stimulating hormone. 2,372,234; Mar. 27.
Van Dyke, William D., Hawthorne, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Machine for making strain gauges. 2,374,512; Apr. 24.
Van Ess, Paul R.: *See*—
Griffin, J. R., Jr., and Van Ess.
Van Ess, Paul R., Berkeley, and R. F. Bergstrom, Oakland, Calif. Compounded lubricating oil. 2,372,411; Mar. 27.
Van Ess, Paul R., Berkeley, and E. R. White, assignors to Shell Development Company, San Francisco, Calif. Lubricating oil compositions. 2,377,909; June 12.
Van Ess, Paul R., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Lubricating oil compositions. 2,380,205; Jan. 10.
Vang, Alfred, Newark, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Reduction of the skin friction of water by vibration. 2,366,162; Jan. 2.
Vang, Alfred, Newark, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Electric welding. 2,385,043; Sept. 18.
Vang, Alfred, Newark, N. J., assignor to Stevens, Jordan & Harrison, Inc., New York, N. Y. Gun. 2,387,199; Oct. 16.
Vang, Alfred, Newark, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Welding method. 2,390,971; Dec. 11.
Vang, Alfred, Summit, N. J., assignor of one-half to Stevenson, Jordan & Harrison, Inc., New York, N. Y. Apparatus for treating glass. 2,382,187; Aug. 14.
Van Genderen, Gerrit, Royal Oak, Mich. Spanner ratchet wrench. 2,373,210; Apr. 10.
Van Gorden, William H., Riverside, Conn. Marine drive unit. 2,370,212; Feb. 27.
Van Ham, Ernest E., Somerville, Mass., assignor, by mesne assignments, to Jerguson Gage & Valve Co. Liquid level gauge. 2,382,946; Aug. 14.
Van Heek, Theodore, Palisade, N. J. Stop motion device for pile fabric. 2,384,357; Sept. 4.
Van Hoestenberghe, René L. H.: *See*—
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.
Van Horn, Irving H., East Cleveland, Ohio, assignor to General Electric Company. Cut-out for electric lamps. 2,367,905; Jan. 23.
Van Horn, James J.: *See*—
Thompson, H. A., and Van Horn.
Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,370,094; Feb. 20.
Van Horn, James J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,374,792; May 1.
Van Horn, William T., Oaklyn, N. J. Intervalometer. 2,370,213; Feb. 27.
Van Inwagen, Charles L., Jr., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making contact wiper springs. 2,373,861; Apr. 17.
Vanity Fair Mills, Inc.: *See*—
Amidon, Roy C., assignor.
Vanke, Louis J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Automobile speed warning device. 2,381,390; Aug. 7.
Vankeirsbilck, Norbert: *See*—
Verkinderen, H., and Vankeirsbilck.
Van Kirk, Clyde B.: *See*—
Abrams, T., Moore, and Van Kirk.
Van Kleeck, Arthur, Madison, Wis. Fire-retarding coating. 2387,865; Oct. 30.
Van Lin, Oswaldus A. J., Venlo, and J. Hoekstra, Eindhoven, Netherlands; vested in the Alien Property Custodian. Insulated electric conductor. 2,382,275; Aug. 14.
Van Loan, Morton, Jr., Evanston, assignor to Peerless Equipment Company, Chicago, Ill. Friction draft gear. 2,366,818; Jan. 9.
Van Loenen, William F.: *See*—
Mower, W. W., and Van Loenen.
Van Maldeghem, David E., New York, N. Y. Fabric cutting, edge trimming, and rewinding machine. 2,378,263; June 12.
Vannini, Philipp, and P. Hungerbühler, assignors to Landis & Gyr, A. G., Zug, Switzerland. Master clock system. 2,369,812; Feb. 20.
Van Norman, Charles B. K., Vancouver, British Columbia, Canada. Collapsible roof unit. 2,386,077; Oct. 2.
Van Norman Company: *See*—
Curtis, Frank W., assignor.
Pyne, R. S., and Allen, assignors.
Van Orden, Leo J.: *See*—
Dickinson, J. T., Morfit, and Van Orden.
Vanore, Joseph, Haledon, assignor of one-fifth to H. Bernascone, one-fifth to J. Scielzo, one-fifth to V. Bandini, Paterson, and one-fifth to J. Parker, Lakehurst, N. J. Loom. 2,371,562; Mar. 13.
Van Orman, Ward T., assignor to Wingfoot Corporation, Akron, Ohio. Structure. 2,371,776; Mar. 20.
Van Orman, Ward T., assignor to Wingfoot Corporation, Akron, Ohio. Structure. 2,391,282; Dec. 18.
Vanous, Charles J.: *See*—
Andersen, S. K., and Vanous.
Van Patten, Charles D., Flint, Mich. Marine propulsion. 2.391,109; Dec. 18.
Van Patten, John W., assignor of one-half to S. R. Carlson, Chetek, Wis. Ceiling jack. 2,371,561; Mar. 13.
Van Raalte Company, Inc.: *See*—
Searles, Harry, assignor.
Searles, H., Griffis, and Carlson, assignors.
Van Ranst, Cornelius W.: *See*—
Sorensen, C. E., and Van Ranst.
Van Ranst, Cornelius W., Dearborn, Mich. Rotary pump. 2,380,283; July 10.
Van Riper, Dale H.: *See*—
Gillum, D. E., and Van Riper.
Van Roggen, Mathieu: *See*—
Robin, L., and Van Roggen.
Van Rosen, Robert, New York, N. Y., assignor to J. Makowsky Corporation. Carton. 2,389,703; Nov. 27.
Vansant, John S., Huntingdon Valley, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Cathode ray television tube. 2,378,875; June 19.
Van Saun, Raymond H., Mount Prospect, assignor to Container Corporation of America, Chicago, Ill. Container handle. 2,378,340; June 12.
Van Schaack, Edward, Spokane, Wash. Electric heater. 2,391,207; Dec. 18.
Van Sickle, Roswell C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronously tripped circuit breaker. 2,372,139; Mar. 20.
Van Sickle, Roswell C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latch mechanisms. 2,372,140; Mar. 20.
Van Slyke, Victor T., assignor to Reciprocating Razors Corporation, Philadelphia, Pa. Element for safety razors. 2,367,547; Jan. 16.
Van Tongeren, Hermannus, Heemstede, Netherlands; vested in the Alien Property Custodian. Centrifugal dust separator. 2,378,600; June 19.
Van Tuyl, Sidney E., Riverside, assignor to American Tag Company, Chicago, Ill. Apparatus for assembling percussion primers. 2,366,885; Jan. 9.
Van Tuyl, Sidney E., Riverside, assignor to American Tag Company, Chicago, Ill. Capsule handling apparatus. 2,366,886; Jan. 9.
Van Tuyl, Thomas, and C. B. Hale, Chicago, Ill. Clamp. 2,375,507; May 8.
Van Valkenburg, Hermon L., Wauwatosa, assignor to Square D Company, Detroit, Mich. Electric switch. 2,381,848; Aug. 7.
Van Vleck, Horace R., Upper Montclair, N. J. Power take-off. 2,379,940; July 10.
Van Voorhees, Harold E., Bronxville, N. Y., assignor to Borg-Warner Corporation, Chicago, Ill. Screen with plastic frame. 2,368,053; Jan. 23.
Van Voorhis, William G.: *See*—
Hollmann, H., and Van Voorhis.
Van Vulpen, John: *See*—
Lehane, T. J., and Van Vulpen.
Rutherford, F. B., and Van Vulpen.
Van Wagner, Charles A., Winston-Salem, and C. M. Andrews, Greensboro, N. C. Collapsible receptacle. 2,379,202; June 26.
Van Winkle, John L.: *See*—
Morris, R. C., and Van Winkle.
Van Winkle, Paul, Scarsdale, assignor, by mesne assignments, to G. B. Finnegan, Jr., New York, N. Y., as trustee. Filter. 2,390,628; Dec. 11.
Van Wynen, Kenneth G., Ramsey, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signaling system. 2,379,768; July 3.
Van Zoeren, Gerrit J., Holland, Mich., assignor to The Wm. S. Merrell Company, Cincinnati, Ohio. Thienyl amines and making them. 2,367,702; Jan. 23.
Vapor Car Heating Company, Inc.: *See*—
Lehane, T. J., and Burgess, assignors.
Lehane, T. J., and Van Vulpen, assignors.
Peterson, W. R., and Ford, assignors.
Peterson, W. R., and La Rocque, assignors.
Rutherford, F. B., and Van Vulpen, assignors.

Varblow, Stanford C., assignor to General Motors Corporation, Detroit, Mich. Clutch linkage. 2,367,076; Jan. 9.

Vard Inc.: *See*—
Richards, D. L., and Miller, assignors.

Varian, Russell Wantagh, W. W. Hansen, Garden City, and E. L. Ginzton, Wantagh, N. Y., assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. Fixed frequency difference stabilization system. Re. 22,587; Jan. 2.

Varian, Russell H.: *See*—
Hansen, W. W., and Varian.

Varispeed Corporation: *See*—
Nowka, Werner, assignor.

Varma, Dewan C., London, England. Cushion seat. 2,384,713; Sept. 11.

Varndell, Sydney H., London, England. Screw-cutting lathe. 2,381,849; Aug. 7.

Vartanian, Richard D.: *See*—
Greene, R. D., Kienle, and Vartanian.

Varvel, Kathleen M., South Yarra, near Melbourne, Australia. Pegless line for suspending clothes and fabrics for drying or display. 2,376,948; May 29.

Vasey, William G., New Westminster, British Columbia, Canada. Strap fastener. 2,389,335; Nov. 20.

Vass, Francis, Arquata Scrivia, Italy, assignor to Krebs & Co., Zurich, Zurich, Switzerland. Modified olefin poly-sulphide products. 2,374,963; May 1.

Vassallo, Peter, Avalon, N. J. Typesetting machine. 2,371,484; Mar. 13.

Vassar, Hervey P., Bloomfield, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Thermoresponsive measuring instrument. 2,385,044; Sept. 18.

Vassel, Michael J.: *See*—
Gammeter, John R., and Vassel.

Vasselli, Anthony J., Newark, N. J., assignor to Radio Corporation of America. Lead wire threading machine. 2,390,139; Dec. 4.

Vaszin, Aurel, Dayton, Ohio. Producing tow line plugs. 2,368,388; Jan. 30.

Vaszin, Aurel, Dayton, Ohio. Towline thimble. 2,381,193; Aug. 7.

Vaucher, Eric, Biel, Switzerland. Card ledger. 2,391,080; Dec. 18.

Vaughan, Arthur H., assignor to The Electric Furnace Company, Salem, Ohio. Apparatus for handling and heat treating glass. 2,370,381; Feb. 27.

Vaughan, Frank W., assignor of one-half to H. R. Vaughan, Portland, Oreg. Work holder for turret lathes. 2,367,703; Jan. 23.

Vaughan, Harry R.: *See*—
Vaughan, Frank W., assignor.

Vaughan, Henry E.: *See*—
Newby, N. D., and Vaughan.

Vaughan, Henry E., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,375,053; May 1.

Vaughan, John A., Hempstead, assignor, by mesne assignments, to The W. L. Maxson Corporation, New York, N. Y. Gun mounting system for turrets. 2,378,050; June 12.

Vaughan Machinery Company, The: *See*—
McIlvried, E. J., and Nye, assignors.

Vaughan, Melvin F., et al.: *See*—
Livermont, Frank W., assignor.

Vaughan Motor Company, Inc.: *See*—
Weiss, Samuel, assignor.

Vaughan, Vernon V., Norfolk, Va. Hand or pointer remover. 2,386,370; Oct. 9.

Vaughan, Victor G., assignor to Metals & Controls Corporation, Attleboro, Mass. Circuits. 2,375,967; May 15.

Vaughan, William E.: *See*—
Evans, T. W., Vaughan, and Rust.
Rust, F. F., and Vaughan.

Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Diesel fuel. 2,378,341; June 12.

Vaughen, John V.: *See*—
Wirth, W. V., and Vaughen.

Vaughn, Albert E., Orange, N. J. Assembling dispensing devices. 2,384,219; Sept. 4.

Vaughn, Leonard: *See*—
Doan, D. J., and Vaughn.
Nordyke, J. S., and Vaughn.

Vaughn, Sidney P., Ackerman, Miss. Device for turning over small objects in large quantities. 2,370,698; Mar. 6.

Veach, Carlos W.: *See*—
McCauley, W. E., and Veach.

Veale, Charles C.: *See*—
Cherry, G. L., and Veale.

Veatch, Charles E.: *See*—
Buck, L. J., and Veatch.

Veatch, Joseph G.: *See*—
Turner, B. S., Arisman, and Veatch.

Veeder-Root Incorporated: *See*—
Bliss, Harvey N., assignor.
Graydon, S., Jr., and Bliss, assignors.
Vroom, Harold B., assignor.

Veinott, Cyril G., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,980; Jan. 23.

Veit, Julius, Hounslow West, England. Manufacture of insulated conductors or other coated bodies. 2,366,944; Jan. 9.

Veit, Theodor, New York, N. Y. Apparatus for dehydrating fruit, vegetables, and other products. 2,370,825; Mar. 6.

Veltman, Preston L., Beacon, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,374,313; Apr. 24.

Velvac Incorporated: *See*—
Elliott, Gordon R., assignor.

Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Snow-removal apparatus. 2,387,422; Oct. 23.

Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Snow-removal apparatus. 2,387,423; Oct. 23.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Bridge for fastener devices. 2,367,812; Jan. 23.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Stud assembly. 2,369,091; Feb. 6.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Universal joint. 2,377,467; June 5.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Coupling. 2,377,468; June 5.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Universal joint. 2,377,469; June 5.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc. Fastener. 2,380,131; July 10.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio. Universal joint. 2,386,017; Oct. 2.

Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Inc., Cleveland, Ohio. Clamp. 2,390,232; Dec. 4.

Veney, Peter, Wooster, Ohio. Nut holder. 2,387,545; Oct. 23.

Vennerholm, Gosta: *See*—
McCarroll, R. H., and Vennerholm.

Vensel, Wilbur E., East Cleveland, Ohio. Dispensing bottle cap. 2,378,451; June 19.

Vent, Bruce R., assignor to Temp-R-Lens Corporation, Michigan City, Ind. Comparing device. 2,388,352; Nov. 6.

Ventura Tool Company: *See*—
Kirk, P. L., and Boyer, assignors.

Vera, Francis L., Springfield, Mass. Gun barrel. 2,378,959; June 26.

Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Bullet handling apparatus. 2,376,293; May 15.

Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packing bullets. 2,389,285; Nov. 20.

Verheul, Maarten M.: *See*—
Miller, I. A., and Verheul.

Verkinderen, Honore, Mortsel, and N. Vankeirsbilck, Leuven, Belgium; vested in the Alien Property Custodian. Color couplers for photographic color development. 2,380,809; July 31.

Verkinderen, Honoré J.: *See*—
Dippel, C. J., Keuning, Verkinderen, and Van Hoestenberghe, assignors.

Vermeulen, Theodore: *See*—
Huppke, W. F., and Vermeulen, assignors.
Ross, W. E., and Vermeulen.

Vernay Patents Company: *See*—
Vernet, Sergius, assignor.

Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Sealing means. 2,368,181; Jan. 30.

Vernet, Sergius, assignor to Vernay Patents Company, Yellow Springs, Ohio. Shutter controlling device. 2,368,182; Jan. 30.

Vernon Tool Co. Ltd.: *See*—
Phipps, John T., assignor.

Vernon, William F., Newton, Iowa. Advertising device. 2,378,051; June 12.

Verona Chemical Company: *See*—
Hermann, S., Hahn, and Dorer, assignors.

Verots, Pierre, Villeurbanne, and G. Marquet, Lyon, France; vested in the Alien Property Custodian. Removable driving equipment for cycles and cycles provided therewith. 2,375,508; May 8.

Verrinder, Ernest A.: *See*—
Paxton, G. C., and Verrinder.

Versil Limited: *See*—
Binns, C. E., and Palmer, assignors.

Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Supporting belt and psosis pad. 2,372,034; Mar. 20.

Vertzinsky, Vladimiras N., Berkeley, Calif. Antiaircraft mine. 2,372,804; Apr. 3.

Vertzinsky, Vladimiras N., Berkeley, Calif. Projectile. 2,379,203; June 26.

Vesce, Vincent C., Ridgewood, assignor to Harmon Color Works, Inc., Haledon, N. J. Iron pigments. 2,384,579; Sept. 11.

Veselý, Josef, London, England. Magazine for firearms. 2,383,998; Sept. 4.

Veselý, Josef, Winchmore Hill, London, England. Varying the velocity of movement of the breech block in automatic guns. 2,389,095; Nov. 13.

Vesely, Josef, Hoddesdon, England. Magazine for firearms. 2,391,756; Dec. 25.
Vesely, Josef, Hoddesdon, England. Firing mechanism for automatic guns. 2,391,757; Dec. 25.
Vester, Ernest A., assignor to H. W. Reuther, Danville, Ill. Refacing tool for crankshaft journals. 2,383,899; Aug. 28.
Vetorino, John E., Fairhaven, assignor to Continental Machinery Co., Inc., New Bedford, Mass. Tumbling machine. 2,368,586; Jan. 30.
Vetter, Otto B., assignor to Ring Balance Instrument Company, Chicago, Ill. Multiple ring balance. 2,370,095; Feb. 20.
Via, Hugh D., Portsmouth, Va. Nut cracker. 2,379,121; June 26.
Viall, George K.: *See*—
Ball, C. F., and Viall.
Viber Company: *See*—
Pierce, Charles W., assignor.
Vicars, T. & T., Limited: *See*—
Crosland, Edward M., assignor.
Vick Chemical Company: *See*—
Manchey, L. L., and Schneller, assignors.
Vickers-Armstrongs Limited: *See*—
Nasmith, J. I., and Kirby, assignors.
Wallis, Barnes N., assignor.
Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Timing device for power transmission systems. 2,389,473; Nov. 20.
Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Timing device for power transmission systems. 2,390,755; Dec. 11.
Vickers, Harry F., and K. R. Herman, assignors to Vickers, Incorporated, Detroit, Mich. Oil well pumping machinery. 2,367,248; Jan. 16.
Vickers Incorporated: *See*—
Bonnell, George C., assignor.
Harrington, F. T., assignor.
Hayden, Merrill A., assignor.
Jeannin, John F., assignor.
Miller, R. S., and Seidel, assignors.
Pohl, Walter M., assignor.
Tweedale, Ralph L., assignor.
Vickers, Harry F., assignor.
Vickers, H. F., and Herman, assignors.
Willett, Warren P., assignor.
Vickers, Theodore W., Los Angeles, Calif. Electrical machine. 2,378,668; June 19.
Vickers, Theodore W., Los Angeles, Calif. Electrical machine. 2,378,669; June 19.
Vickery, Alfred E., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Manifolding assembly. 2,372,918; Apr. 3.
Vickery, John R., Jr., Glen Rock, Pa., assignor to American Machine & Foundry Company. Pan greaser. 2,385,744; Sept. 25.
Vickerys Limited: *See*—
Scott, Harold E. B., assignor.
Vickland, John C.: *See*—
Holm, S., and Vickland.
Yerrick, W. D., and Vickland.
Victor Adding Machine Co.: *See*—
Mehan, Thomas O., assignor.
Mehan, T. O., and Hooe, assignors.
Victor Aircraft Company, Inc.: *See*—
Hulfish, Buford W., assignor.
Victor, Alexander F., New York, N. Y. Mounting for motion picture and sound projectors. 2,382,116; Aug. 14.
Victor Chemical Works: *See*—
Omansky, Morris, assignor.
Toy, Arthur D. F., assignor.
Victor Manufacturing & Gasket Company: *See*—
Bernstein, W. F., Mika, Lillis, and Colwell, assignors.
Bittermann, Ferdinand J., assignor.
Kosatka, Thomas O., assignor.
Lillis, Stephen M., assignor.
Victor Metal Products Corporation: *See*—
Apfelbaum, Huna L., assignor.
Victor, Robert L., La Grande, Oreg. Chain saw. 2,372,534; Mar. 27.
Victoria, Frank, Julesburg, Colo. Combined windmill and electric generator. 2,376,020; May 15.
Vidal Corporation: *See*—
Vidal, Eugene L., assignor.
Vidal, Eugene L., New York, N. Y., assignor, by mesne assignments, to Vidal Corporation. Laminated structure and making such structure. 2,370,429; Feb. 27.
Vidal, Eugene L., Washington, D. C., assignor to Vidal Corporation. Apparatus for forming laminated molded structures. 2,386,578; Oct. 9.
Viehweger, August, Richford, N. Y., assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Sash balance. 2,371,366; Mar. 13.
Viehweger, August, assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Sash balance. 2,384,980; Sept. 18.
Vielehr, Oscar A., New York, C. G. Umsted, Northport, and A. P. Good, Elmhurst, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Target locating device. 2,368,691; Feb. 6.
Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. Forming electromagnetic cores. 2,387,099; Oct. 16.
Viera, Frank R., Glendora, Calif. Turbine. 2,378,740; June 19.
Vieth, Albert B., Kearny, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Nonspill vent device. 2,374,513; Apr. 24.
Vigborg, Karl M.: *See*—
Dahlberg, T. O. R., and Vigborg.
Viglietta, Michael J., Elmhurst, Long Island, assignor to Royal Mounters, Long Island City, N. Y. Display device. 2,368,054; Jan. 23.
Vigneault, Joseph, et al.: *See*—
Wheeler, Byrhl F., assignor.
Vigo, George, Valetta, Malta. Apparatus for jet propulsive and other purposes. 2,375,180; May 1.
Vigren, Sten D., Stockholm, and W. O. W. Broberg, and O. K. J. Olsson, Nynashamm, Sweden. Selecting device for telephone signal systems. 2,367,101; Jan. 9.
Viland, Clare K., Martinez, and H. Y. Hyde, Associated, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Manufacture of butylenes. 2,388,099; Oct. 30.
Vilella, Joseph R., New York, N. Y., assignor to United States Steel Corporation of Delaware. Preparing levigated alumina for storing in water suspension 2,377,057; May 29.
Villani, Antonio: *See*—
Allen, J. G., and Villani.
Villani, Lazzaro V., Milford, Mass. Universal automotive vehicle windshield defroster and drier. 2,389,704; Nov. 27.
Villepigue, Julius G., Inglewood, Calif., assignor to North American Aviation, Inc. Jack pad. 2,377,530; June 5.
Villiger, Eugen, assignor to Aktiengesellschaft Fuer Technische Studien, Zurich, Switzerland. Tubular heat exchanger. 2,384,714; Sept. 11.
Vincent, Edward T., Ann Arbor, assignor to Continental Motors Corporation, Muskegon, Mich. Fuel atomizer. 2,391,808; Dec. 25.
Vincent, George P.: *See*—
Dubeau, A. L., MacMahon, and Vincent.
Vincent, George P., Poughkeepsie, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Decolorization of sugar melts. 2,381,090; Aug. 7.
Vincent, George P., Briarcliff Manor, N. Y., and A. L. Dubeau, Rumford, R. I., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Oxidation of vat and sulphur dyes. 2,382,188; Aug. 14.
Vincent, George P., Briarcliff, N. Y., A. L. Dubeau, Rumford, R. I., and J. F. Synan, Fall River, Mass., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Treatment of cellulosic textile materials. 2,383,900; Aug. 28.
Vincent, Jesse G., Grosse Pointe Park, assignor to Packard Motor Car Company, Detroit, Mich. Internal-combustion engine. 2,378,452; June 19.
Vincent, John R.: *See*—
Neal, A. M., and Vincent.
Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving rubber. 2,372,235; Mar. 27.
Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Processing of synthetic elastomers. 2,378,519; June 19.
Vincent, John R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Butadiene-styrene elastomers. 2,387,481; Oct. 23.
Vincent, Russell Swale, assignor to Callender's Cable & Construction Company, Limited, London, England. Manufacture of electric cables. 2,374,514; Apr. 24.
Vinci, Charles F.: *See*—
Hallberg, E. E., and Vinci.
Vinco Corporation: *See*—
Osplack, Joseph J., assignor.
Vine, Benjamin H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for determining the flatness of glass plates. 2,379,263; June 26.
Vine, Kemper C., Minneapolis, Minn., assignor to The House of Vision, Belgard-Spero, Inc., Chicago, Ill. Frame for eyeglasses and the like. 2,373,862; Apr. 17.
Vineberg, Joseph H., Ottawa, Ontario, Canada. Box. 2,387,482; Oct. 23.
Vinner, John I.: *See*—
Vinner, Samuel H., assignor.
Vinner, Samuel H., assignor to J. I. Vinner, Billings, Mont. Taper cutting attachment tool. 2,378,811; June 19.
Vinograd, Jerome R., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Rubber compositions and method for retarding the deterioration of rubber. 2,379,769; July 3.
Virgin, Carl W.: *See*—
Root, F. B., and Virgin.
Virginia-Carolina Chemical Corporation: *See*—
Merlub-Sobel, Menahem, assignor.
Virginia Smelting Company: *See*—
Channon, Hiram B., assignor.
Virgona, John J.: *See*—
Arena, H. J., and Virgona.
Visas, Sophia, Newark, N. J. Tie clip. 2,388,196; Oct. 30.
Vischer, Alfred, Jr., Park Ridge, assignor to Vischer Products Company, Chicago, Ill. Pressure cooker. 2,373,620; Apr. 10.

Vischer Products Company: *See*—
Vischer, Alfred, Jr., assignor.
Visco-Meter Corporation: *See*—
Miller, Arthur E., assignor.
Vissat, Anthony L., Pittsburgh, Pa. Pliers. 2,378,264; June 12.
Visscher, Juan F.: *See*—
Ziegler, M., Visscher, and Cavallero.
Vistreich, Fernand, Great Neck, N. Y. Surgical appliance. 2,371,082; Mar. 6.
Vitalis, Emil A., East Port Chester, Conn., assignor to American Cyanamid Company, New York, N. Y. Non-alkaline detergent composition. 2,373,863; Apr. 17.
Vita-Meter Corporation: *See*—
Russell, Loren, assignor.
Vitarama Corporation, The: *See*—
Waller, Fred, assignor.
Vitreous Steel Products Co.: *See*—
Leyerle, Arthur R., assignor.
Vittum, Paul W.: *See*—
Salminen, I. F., Vittum, and Weissberger.
Weissberger, A., and Vittum.
Vittum, Paul W., assignor to Eastman Kodak Company, Rochester, N. Y. Hardening and stain prevention process in color photography. 2,367,548; Jan. 16.
Vittum, Paul W., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,384,658; Sept. 11.
Vittum, Paul W., Rochester, N. Y., and W. D. Peterson, Easton, Pa., assignors to Eastman Kodak Company, Rochester, N. Y. Acylamino phenol couplers. 2,369,929; Feb. 20.
Vittum, Paul W., and E. E. Jelley, assignors to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,378,265; June 12.
Vittum, Paul W., K. P. Griffin, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Color couplers having six-membered rings. 2,378,266; June 12.
Vivian, Harold F.: *See*—
Salo, M., and Vivian.
Vivian, Robert E.: *See*—
Dressler, R. G., and Vivian.
Dressler, R. G., Vivian, and Hasselstrom.
Vizniowski, John, Northgate, Saskatchewan, Canada. Twin claw battery clamp. 2,369,872; Feb. 20.
Voge, Hervey H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Cyclohexene production. 2,385,555; Sept. 25.
Voge, Hervey H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Olefin conversion. 2,388,510; Nov. 6.
Vogel, Hilmond O., Chicago, Ill., assignor to International Harvester Company. Distributor for material spreaders. 2,380,347; July 10.
Vogt, Henry, Sacramento, Calif. Hand truck. 2,373,279; Apr. 10.
Vogt, Joseph F., New Orleans, La. Cyclone separator. 2,385,745; Sept. 25.
Vogt, Richard R.: *See*—
Hamill, W. H., and Vogt.
Voight, George F., Jefferson, Ind. Nutcracker. 2,385,556; Sept. 25.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Door lock. Re. 22,622; Mar. 20.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Door latch. 2,369,873; Feb. 20.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Screen door latch. 2,369,874; Feb. 20.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Multiple bolt rim night latch. 2,379,050; June 26.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Hospital door latch mechanism. 2,379,326; June 26.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Latch for hospital doors and the like. 2,383,574; Aug. 28.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Door lock. 2,385,173; Sept. 18.
Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Front door lock. 2,390,756; Dec. 11.
Voight, Henry G., Hamden, Conn., and S. Oxhandler, Flushing, N. Y., assignors to Sargent & Company, New Haven, Conn. Door lock. 2,376,102; May 15.
Voigt, Paul A.: *See*—
Miles, W. S., and Voigt.
Voity, Maurice, Long Island City, and G. A. Griffiths, Kew Gardens, assignors to Universal Slide Fastener Co. Inc., Long Island City, N. Y. Making sliders for slide fasteners. 2,383,999; Sept. 4.
Voity, Maurice, Long Island City, and G. A. Griffiths, Kew Gardens, assignors to Universal Slide Fastener Co. Inc., Long Island City, N. Y. Making sliders for slide fasteners. 2,384,144; Sept. 4.
Voity, Maurice, Long Island City, and G. A. Griffiths, Kew Gardens, assignors to Universal Slide Fastener Co. Inc., Long Island City, N. Y. Method, blank, and means for making sliders for slide fasteners. 2,384,145; Sept. 4.
Voke, Carl E., Norfolk, Va. Manufacture of collapsible tubes and the like. 2,383,230; Aug. 21.
Vokes, Cecil G., London, England. Combined air filter and silencer. 2,372,618; Mar. 27.
Vokes, Cecil G., London, England. Filter. 2,381,705; Aug. 7.
Vokes, Cecil G., London, England. Filter for liquids or gases. 2,387,368; Oct. 23.
Volk, Louis W., Washington, D. C. Plaited garment. 2,374,314; Apr. 24.
Volk, Paul, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Tracer control for machine tools. 2,378,601; June 19.
Volkman, Charles, assignor to J. M. Downing, Dayton, Ohio. Heating apparatus. 2,384,510; Sept. 11.
Volks, Herbert, New York, N. Y., assignor to Sulzer Freres, S. A., Winterthur, Switzerland. Grill and chafing dish. 2,370,595; Feb. 27.
Vollmer, Fritz, Zurich, Switzerland. Device for regulating the delivery of reciprocating compressors. 2,379,667; July 3.
Vollmer, Jacob J., Franklin Square, N. Y. Checker game. 2,379,465; July 3.
Vollmer, Walter G., assignor of one-half to H. Haacke, St. Louis, Mo. Wrapper for cigarette packages. 2,373,524; Apr. 10.
Vollrath, Joseph P.: *See*—
Krogh, A. E., and Vollrath.
McGillin, H. O., and Vollrath.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Pyrometry. 2,369,624; Feb. 13.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Sampling method. 2,374,847; May 1.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,381,992; Aug. 14.
Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2.390,902; Dec. 11.
Volpin, Alexander S., assignor to Mission Manufacturing Company, Houston, Tex. Dual lubrication system for valves. 2,368,183; Jan. 30.
Volterra, Renzo U., assignor to Metals & Controls Corporation, Attleboro, Mass. Electric furnace. 2,375,154; May 1.
Volz, Carl, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Code detecting means. 2,391,369; Dec. 18.
Volzka, Arthur R., Racine, Wis. Commutator slotting device. 2,372,304; Mar. 27.
Von Ahrens, Robert H., Portland, Oreg. Welding ring. 2,366,579; Jan. 2.
Von Becker, Burkhard, Aussig, Elbe, Germany, assignor to Sherka. Chemical Co., Inc. Wetting agent for mercerizing and a process for increasing the wetting power of mercerizing lyes. 2,368,277; Jan. 30.
Von Beckerath, Hans, Berlin, Germany; vested in the Alien Property Custodian. Piezoelectric device. 2,385,896; Oct. 2.
Von Bramer, Harold, and L. G. Davy, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing phenylenediamine derivatives. 2,381,015; Aug. 7.
Von Bramer, Harold, and L. G. Davy, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. N-sec-butyl-p-nitroaniline. 2,388,886; Nov. 13.
Von Bültzingslöwen, Bruno, Bronx, assignor, by mesne assignments, to C. P. Goepel, New York, N. Y. Vegetable cutter. 2,367,653; Jan. 16.
Von Capeller, R.: *See*—
Danuser, J., and von Capeller.
Von Däniken, Lena, Schaffhausen, and J. Géisser, Luzern, Switzerland. Device for defining the base lines on the human body for taking the measure. 2,385,746; Sept. 25.
Vondrak, Joseph, New York, N. Y. Syringe. 2,375,711; May 8.
Von Fahland, Jurgen: *See*—
Lang, R., von Fahland, and Gros.
Von Felgel-Farnholz, Richard R., Teltow-Seehof, near Berlin, Germany; vested in the Alien Property Custodian. Black spot correcting means. 2,375,968; May 15.
Von Freyberg, Hans, and H. Koch, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Polymethine dyestuffs and preparing them. 2,385,747; Sept. 25.
Von Glahn, William H., Loudonville, W. L. Walsh, East Greenbush, and C. Streck, Albany, assignors to General Aniline & Film Corporation, New York, N. Y. Stable diazo salt preparation. 2,381,145; Aug. 7.
Von Glahn, William H., Loudonville, and W. L. Walsh, East Greenbush, assignors to General Aniline & Film Corporation, New York, N. Y. Fabric and producing it. 2,390,903; Dec. 11.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labeling apparatus. 2,377,470; June 5.

Von Hofe, George W., Bound Brook, N. J., and E. E. Lakso, Fitchburg, Mass., assignors to New Jersey Machine Corporation, Hoboken, N. J. Handling ammunition. 2,391,081; Dec. 18.
Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Automatic circuit breaker. 2,367,631; Jan. 16.
Von Knauf, Harry P., Chicago, Ill. Apparatus for making electrical coils. 2,368,389; Jan. 30.
Von Kraemer, Ivan G. H., Stockholm, Sweden. Driving mechanism for returning the roller of typewriters. 2,378,520; June 19.
Von Meyenburg, Harald: *See*—
Hartmann, M., Cueni, Druey, and von Meyenburg.
Hoffmann, K., and Von Meyenburg.
Von Opel, Fritz, New York, N. Y.; vested in the Alien Property Custodian. Fastening device. 2,373,722; Apr. 17.
Von Opel, Fritz, New York, N. Y.; vested in the Alien Property Custodian. Injection molding apparatus. 2,374,468; Apr. 24.
Von Poser, Gottlieb: *See*—
Schmidt, M. P., and Von Poser.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Speed responsive switch. 2,377,830; June 5.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,377,831; June 5.
Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,379,843; July 3.
Von Roll, L., Aktiengesellschaft fur Kommunale Anlagen: *See*—
Böhm, Egon, assignor.
Von Siegl, Rudolf, New York, N. Y. Globe construction. 2,378,115; June 12.
Von Soden, Adolph F., Los Angeles, Calif. Rejuvenating and re-inking ribbons for typewriters and the like. 2,370,382; Feb. 27.
Von Stoeser, Walter, Kenmore, assignor, to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Closure for coin-receiving receptacles. 2,371,114; Mar. 6.
Von Stoeser, Walter, North Tonawanda, and F. H. Osborne, Snyder, assignors to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Drink measuring device. 2,380,884; July 31.
Von Voigtlander, Oscar: *See*—
Stuart, J. L., and Von Voigtlander.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Rotary pump. 2,377,299; May 29.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Water mixing valve. 2,381,146; Aug. 7.
Von Zelewsky, Ottomar, Neuhausen, and K. Künzi, assignors to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhausen, Switzerland. Lathe for profiling hollow bodies. 2,385,430; Sept. 25.
Vonnegut, Bernard, Boston, Mass., assignor to Research Corporation, New York, N. Y. Deicing means. 2,385,662; Sept. 25.
Voogd, Maarten, Long Beach, F. E. Caddy, Compton, and C. H. Duffy, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Acid recovery process. 2,373,359; Apr. 10.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Transferring catalysts. 2,366,372; Jan. 2.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Acid treating wells. 2,366,373; Jan. 2.
Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. Production of styrene from butadiene. 2,376,985; May 29.
Voorhees, Vanderveer, Homewood, and W. L. Webb, assignors to Standard Oil Company, Chicago, Ill. Catalytic conversion process and apparatus. 2,378,342; June 12.
Voorhees, Vanderveer, Homewood and G. W. Watts, Flossmoor, assignors to Standard Oil Company, Chicago, Ill. Removing coke. 2,390,197; Dec. 4.
Voorhies, Alexis, Jr.: *See*—
Murphree, E. V., Voorhies, Bonnell, and Tregre.
Voorhies, Alexis, Jr., Baton Rouge, La., and E. E. Stahly, Pittsburgh, Pa., assignors to Standard Catalytic Company. Hydrogenation over sulphur-sensitive catalysts. 2,377,116; May 29.
Voorhies, Harry E., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve tappet construction. 2,370,761; Mar. 6.
Vore, Milton P., Catonsville, Md., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Tinplate flowing apparatus. 2,381,323; Aug. 7.
Voris, Mabel A., Seattle, Wash. Dish washing machine. 2,390,757; Dec. 11.
Vosbikian, Peter S.: *See*—
Vosbikian, Thomas S. and P. S.
Vosbikian, Thomas S. and P. S., Philadelphia, Pa. Combination tool. 2,377,730; June 5.
Vose, Edwin W., Orange, N. J., assignor to Spray Process Co. Inc., New York, N. Y. Spraying device for divided solid materials. 2,391,048; Dec. 18.
Vose, Richard S., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Refining of hydrocarbon oil with metallic sodium. 2,385,431; Sept. 25.
Vose, Robert W., West Springfield, assignor to Chicopee Manufacturing Corporation, Chicopee Falls, Mass. Kier piler. 2,386,371; Oct. 9.
Vosper, Waynard R., Toledo, Ohio. Adjustable reamer. 2,376,021; May 15.
Voss, Arthur, deceased, by H. Voss, Frankfort-on-the-Main, administratrix, and K. Dietz, Kronberg in Taunus, and H. Thomas, Hofheim in Taunus, Germany; vested in the Alien Property Custodian. Hardenable resin composition. 2,390,198; Dec. 4.
Voss, Edward W.: *See*—
Voss, Raymond F., assignor.
Voss, Hedwig, administratrix: *See*—
Voss, A., Dietz, and Thomas.
Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Controller mounting for knitting machines. 2,385,174; Sept. 18.
Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y. Stop motion device for sewing machines. 2,387,369; Oct. 23.
Vossen, Edward, assignor to Stop-Motion Devices Corporation, Brooklyn, N. Y. Stop motion device for sewing machines. 2,387,958; Oct. 30.
Vredenburg, Edric W., Berkeley, Calif. Filling spout. 2,366,163; Jan. 2.
Vree, Louis G.: *See*—
Tack, C. E., and Vree.
Vroman, Erwin C., Watertown, N. Y., assignor to The New York Air Brake Company. Sander. 2,376,463; May 22.
Vroom, Harold B., assignors to Veeder-Root Incorporated, Hartford, Conn. Counter. 2,384,220; Sept. 4.
Vroom, Robert C., Montclair, N. J., and D. P. Graham, Flushing, assignors to Peabody Engineering Corporation, New York, N. Y. Multiple fuel burner. 2,366,463; Jan. 2.
Vrooman, Donald F., Scotia, N. Y., assignor to General Electric Company. Receiver desensitizing circuit. 2,369,193; Feb. 13.
Vrooman, Edward C., Schenectady, N. Y., assignor to General Electric Company. Variable frequency motor control system. 2,368,504; Jan. 30.
Vulcan Corporation: *See*—
Clausing, George, assignor.
Fuller, John M., assignor.
Miller, Carl L., assignor.
Vulcan Soot Blower Company: *See*—
Arey, F. C., and Hibner, assignors.
Hibner, D. E., and Arey, assignors.
Vyverberg, John C., Jr.: *See*—
Acken, M. F., and Vyverberg.
Waage, John J., assignor to Globe Slicing Machine Co. Inc., Stamford, Conn. Stacker for slicing machines. 2,381,016; Aug. 7.
Wabash Appliance Corporation: *See*—
Fink, William C., assignor.
Kalil, E. O., and Gleim, assignors.
Waber, James W., Chicago, Ill. Making inner tubes. 2,379,122; June 26.
Wachsman, Jacob, Brooklyn, N. Y. Stop motion for knitting machines. 2,368,184; Jan. 30.
Wachsman, Michael, Brooklyn, N. Y. Electric distributor ring for rotary knitting machines. 2,387,100; Oct. 16.
Wachter, Aaron: *See*—
Ruys, J. D., and Wachter.
Wachter, Aaron, Berkeley, and R. S. Treseder, assignors to Shell Development Company, San Francisco, Calif. Pipe-line corrosion inhibition. 2,385,175; Sept. 18.
Wachter, Edward D., Jr.: *See*—
Mullett, H. G., and Wachter, Jr.
Wachter, Lester W., assignor to Anthony Company, Streator, Ill. Adjustable latch. 2,370,334; Feb. 27.
Wachter, Lester W., assignor to Anthony Company, Streator, Ill. Elevator. 2,389,221; Nov. 20.
Wack, Otis, Evanston, assignor to United States Gypsum Company, Chicago, Ill. Building element. 2,380,885; July 31.
Wacker, George W., assignor to Clearing Machine Corporation, Chicago, Ill. Hydraulic circuit for presses. 2,379,668; July 3.
Wackman, Louis B., Richmond Heights, Mo. Making reenforced chime construction for cans or containers. 2,388,300; Nov. 6.
Wadd, Roy J.: *See*—
Wendelburg, F. W., and Wadd.
Waddell, James: *See*—
Calcott, W. S., Waddell and Rosenberg.
Waddell, Myron C., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing iron from zinc salts. 2,369,270; Feb. 13.
Waddell, Myron C., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of trisodium phosphate. 2,375,054; May 1.
Wade, Addie K., Jr., San Diego, Calif. Fluid lift pump. 2,373,985; Apr. 17.
Wade, Elmer J., Pittsfield, Mass., assignor to General Electric Company. Lightning arrester. 2,372,035; Mar. 20.

Wade, Elmer J., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,385,663; Sept. 25.
Wade, Elmer J., and J. Horvath, Jr., Pittsfield, Mass., assignors to General Electric Company. Protective device. 2,391,758; Dec. 25.
Wade, John L., North Hollywood, assignor, by mesne assignments, of one-third to himself, one-third to R. Swanson, Los Angeles, and one-third to W. W. Lake, Pasadena, Calif. Mold for butter and the like. 2,370,925; Mar. 6.
Wade, Willard H.: *See*—
Walker, C., and Wade.
Wadley, Edward F., Baytown, Tex., assignor to Standard Oil Development Company. Production of terpenes. 2,388,100; Oct. 30.
Wadman, Walter V., and L. D. Butcher, assignors to Eastman Kodak Company, Rochester, N. Y. Concentrated selenium toner and making. 2,382,683; Aug. 14.
Wadsworth, Francis T., Texas City, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Refining aromatic distillates. 2,380,561; July 31.
Wadsworth, Joseph F., Jr., Barberton, Ohio. Combination towing cable and fuel hose. 2,374,249; Apr. 24.
Wadsworth, Robert J., and O. K. Nye, Indianapolis, Ind. Boat propulsion and steering. 2,381,791; Aug. 7.
Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Piston cooling. 2,369,500; Feb. 13.
Waeber, Erwin, assignor to Sulzer Frères, Società Anonyme, Winterthur, Switzerland. Compressor with opposed pistons. 2,375,395; May 8.
Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Fuel injection device. 2,378,165; June 12.
Wagenknecht, Otto E.: *See*—
Tellander, F., and Wagenknecht.
Wagenknecht, Otto E., assignor to Zenith Radio Corporation, Chicago, Ill. Antenna for automobiles and other vehicles. 2,388,625; Nov. 6.
Wagenseil, Ludwig: *See*—
Neugebauer, F., and Wagenseil.
Wagers, Beverly T., assignor of one-fourth to J. M. Wolfinbarger, one-fourth to C. Ball, and one-fourth to E. Sparks, Irvine, Ky. Internal-combustion engine. 2,371,005; Mar. 6.
Waggener, Kenneth E., Brea, Calif. Drilling string with an inside cutting-off sub incorporated therein. 2,378,602; June 19.
Waggoner, Frank H., Pearl River, N. Y. Display device. 2,386,642; Oct. 6.
Waggoner, Glenn, Birmingham, and R. Miller, Big Beaver, Mich. Container. 2,356,819; Jan. 9.
Wagner, Carl J., Detroit, Mich. Surge brake for trailers. 2,391,603; Dec. 25.
Wagner, Cary R., Utica, Ohio, assignor to Phillips Petroleum Company. Production of cyclic ketones. 2,386,372; Oct. 9.
Wagner, Charley L., Menasha, Wis., assignor to Marathon Corporation. Pressure-sensitive adhesive tape. 2,373,634; Apr. 10.
Wagner, E. R., Manufacturing Company: *See*—
Thiele, Berthold R., assignor.
Wagner, R. S., and Thiele, assignors.
Wagner, Eddie B., Portland, Oreg. Cement container. 2,374,397; Apr. 24.
Wagner Electric Corporation: *See*—
Boldt, Werner F., assignor.
Brimble, George D., assignor.
Brunner, Albert, assignor.
Cox, John C., assignor.
Dick, Burns, assignor.
Fites, Cyril B., assignor.
Freeman, Walter R., assignor.
Johnson, Edward D., assignor.
Milster, Arthur N., assignor.
Naumann, Leonard G., assignor.
Schnell, Steve, assignor.
Whitacre, Clarence J., assignor.
Wagner, George: *See*—
Orthner, L., Luce, and Wagner.
Wagner, Gustave H.: *See*—
Wagner, Harold A. and G. H.
Wagner, Harold A. and G. H., Portland, Oreg. Cement conveying can. 2,374,398; Apr. 24.
Wagner, Harold A. and G. H., Portland, Oreg. Vehicle stabilizing arrangement. 2,375,264; May 8.
Wagner, Harold A. and G. H., Portland, Oreg. Portable crane. 2,383,172; Aug. 21.
Wagner, Harold A. and G. H., Portland, Oreg. Vehicle mounted tower. 2,385,748; Sept. 25.
Wagner, Harold A. and G. H., Portland, Oreg. Material handling truck. 2,386,519; Oct. 9.
Wagner, Harold H., Cincinnati, Ohio, assignor to The W. J. Fitzpatrick Company, Chicago, Ill. Triturating machine. 2,385,767; Sept. 25.
Wagner, Henry J., Jackson, Mo. Electrode holder. 2,389,569; Nov. 20.
Wagner, Irwin D., L. D. Fetterolf, R. K. Waring, and G. T. Mahler, Palmerton, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Charge preparation. 2,390,016; Nov. 27.

Wagner, Jacob, Seattle, Wash. Airplane. 2,375,265; May 8.
Wagner, Julius A., Cleveland Heights, Ohio, assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,290,904; Dec. 11.
Wagner, Leland B.: *See*—
Rothwell, J. J., and Wagner.
Wagner, Max, and W. Laukhuff, Stuttgart, Germany; vested in the Alien Property Custodian. Axle guiding arrangement. 2,369,501; Feb. 13.
Wagner, Raymond A., Sr., Quakertown, Pa. Stool. 2,369,930; Feb. 20.
Wagner, Richard H., Edgewood, and E. O. Mueller, Irwin, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electric traction-motor. 2,381,324; Aug. 7.
Wagner, Robert S., and B. R. Thiele, assignors to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Hasp lock. 2,382,756; Aug. 14.
Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,380,483; July 31.
Wagner, Romeo B., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal compounds and obtaining the same. 2,380,484; July 31.
Wagner, Wilfred C., Detroit, Mich. Illuminating device. 2,387,816; Oct. 30.
Wagoner, William S., Gibsonville, N. C. Apparatus for molding blocks. 2,389,474; Nov. 20.
Wagstaff, Albert E., Frankfort, assignor to International Heater Company, Utica, N. Y. Joint structure. 2,380,348; July 10.
Wahl, Albert G., Los Angeles, Calif. Garment hanger. 2,381,629; Aug. 7.
Wahl, Albert J.: *See*—
Miller, W. J., and Wahl.
Wahl, Arthur M.: *See*—
Webb, H. J., Baker, and Wahl.
Wahl, Arthur M., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Damped drive-mechanism. 2,381,325; Aug. 7.
Wahl, John C., Chicago, Ill. Method of and machine for printing calendars. 2,366,300; Jan. 2.
Wahl, John C., Chicago, Ill., assignor to C. E. Hovey, Kansas City, Mo. Apparatus for opening and emptying capped bottles. 2,386,152; Oct. 2.
Wahl, John C., Kansas City, Mo., assignor, by mesne assignments of one-half to A. L. Chambers, Watonga, Okla., and one-half to to C. G. Sherman, Mission, Kans. Cigarette-making machine. 2,376,103; May 15.
Wahl, Milton H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of nitric oxide. 2,382,189; Aug. 14.
Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Fluid distributor. 2,367,319; Jan. 16.
Wahlberg, Eric C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Producing a simulated metallic coating. 2,390,758; Dec. 11.
Wahlberg, John, New York, assignor to N. Chayes, Rye, N. Y. Dental handpiece. 2,376,294; May 15.
Wahlberg, John, New York, assignor to Nat Chayes, Rye, N. Y. Dental handpiece. 2,376,295; May 15.
Wahlmark, Gunnar A., Rockford, Ill. Fluid pump or motor. 2,373,723; Apr. 17.
Wahlmark, Gunnar A., Rockford, Ill. Hydraulically operated control mechanism. 2,373,724; Apr. 17.
Wahlmark, Gunnar A., Rockford, Ill. Hydraulic circuit. 2,380,810; July 31.
Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Hydraulic circuit. 2,383,092; Aug. 21.
Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Fluid pressure generating means. 2,383,093; Aug. 21.
Wahlmark, Gunnar A., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Hydraulically operated control mechanism. 2,383,429; Aug. 21.
Wahlstrand, Harold A., assignor to Teletype Corporation, Chicago, Ill. Station identifier. 2,390,672; Dec. 11.
Waibel, Wilhelm: *See*—
Korte, H., Waibel, and Metzger.
Wailes, Dove-Hermiston Corporation: *See*—
Focha, William F., assignor.
Wainer, Eugene, Niagara Falls, N. Y., assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Ceramic preparation. 2,369,327; Feb. 13.
Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Composition and article for electric use. 2,371,660; Mar. 20.
Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Refractory composition. 2,372,236; Mar. 27.
Wainer, Eugene, assignor to The Titanium Alloy Manufacturing Company, Niagara Falls, N. Y. Refractory composition and making the same. 2,373,864; Apr. 17.
Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparation of zirconium dioxide. 2,387,046; Oct. 16.
Wainer, Eugene, and A. N. Salomon, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. High dielectric constant ceramics. 2,377,910; June 12.

Wainer, Eugene, and A. Salomon, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Quick setting cement. 2,391,493; Dec. 25.
Wainwright, John E.: *See*—
Harley, S. J., and Wainwright.
Wait, Clyde F., assignor to Palace Corporation, Flint, Mich. Trailer. 2,384,659; Sept. 11.
Waite, John L., Jr.: *See*—
Duke, E. H., and Waite.
Waite, Ralph B.: *See*—
Waite, Sheridan C., assignor.
Waite, Sheridan C., Buffalo, assignor to R. B. Waite, Springville, N. Y. Dispenser. 2,379,327; June 26.
Waitkus, Joseph: *See*—
Yerrick, W. D., and Waitkus.
Wakefield, C. C., & Company Limited: *See*—
Evans, Elliott A., assignor.
Evans, E. A., and Elliott, assignors.
Helmore, William, assignor.
Wakefield, F. W., Brass Company, The: *See*—
Wakefield, George P., assignor.
Wakefield, George P., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Lighting fixture 2,381,630; Aug. 7.
Wakefield, George P., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Exteriorly illuminated reflector for lighting fixtures. 2,381,792; Aug. 7.
Wakefield, Harold F.: *See*—
Stoops, W. N., Staff, and Wakefield.
Wakefield, Richard E. B.: *See*—
Hess, F. O., and Wakefield.
Wakefield, Richard E. B., Aldan, Pa., assignor to Selas Corporation of America. Liquid detecting means. 2,386,412; Oct. 9.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Self-adjusting thread holder. 2,370,826; Mar. 6.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control system for weft replenishing looms. 2,375,712; May 8.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread accumulator for weft replenishing looms. 2,390,478; Dec. 4.
Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing loom. 2,391,370; Dec. 18.
Waksman, Selman A., Highland Park, and H. B. Woodruff, New Brunswick, assignors to Merck & Co., Inc., Rahway, N. J. Actinomycin. 2,378,876; June 19.
Walach, Bruno: *See*—
Schering, G., and Walach.
Walbert, Charles H., Oklahoma City, Okla. Floor unit for refrigerators. 2,387,310; Oct. 23.
Walbert, Charles H., Oklahoma City, Okla. Syphon valve unit for refrigerators. 2,387,483; Oct. 23.
Walbert, Charles H., Oklahoma City, Okla. Refrigeration unit. 2,387,484; Oct. 23.
Walborn, John H., Harrisburg, Pa. Modern food dispensing and display case. 2,380,712; July 31.
Walcher, Edwin A., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Core structure for casting hollow rolls or the like. 2,374,904; May 1.
Walcher, Edwin A., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Surface chilling means for castings. 2,377,731; June 5.
Wald, George F.: *See*—
Mog, F. G., Wald, and Whiting.
Waldeck, George A.: *See*—
Waldeck, George R., assignor.
Waldeck, George R., Auburn, Ala., assignor of twenty-five per cent to G. A. Waldeck. Cutter head for hydraulic dredges. 2,370,430; Feb. 27.
Walden, Alfred E.: *See*—
Gernandt, W. G., and Walden.
Walden, Alfred E., assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,374,250; Apr. 24.
Walder, Emil, and Joseph W. Myers, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Coffee maker. 2,370,096; Feb. 20.
Walder, Robert B., Los Angeles, Calif. Air chuck. 2,383,094; Aug. 21.
Waldes, Ida, et al.: *See*—
Sander, Frank S., assignor.
Waldes Koh-I-Noor, Inc.: *See*—
Brozek, Lawrence, assignor.
Cizek, Vojtech, assignor.
Waldie, George A.: *See*—
Tucker, W. R., and Waldie.
Waldie, George A., Miamisburgh, Ohio, assignor to The Hydraulic Development Corp., Inc. Servomotor. 2,368,791; Feb. 6.
Waldie, George A., Franklin, assignor to The Hydraulic Development Corp. Inc., Mount Gilead, Ohio. Balanced ball type vane pump or motor. 2,380,886; July 31.
Waldie, George A., Edison, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Valve control mechanism. 2,384,221; Sept. 4.
Waldie, James D.: *See*—
Kurtz, J. Waldie, and Spina.
Waldie, William A.: *See*—
Drummond, F. E., and Waldie.
Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Producing marbleized wrinkle finishes. 2,373,211; Apr. 10.
Waldie, William A., assignor to New Wrinkle, Inc., Dayton, Ohio. Blown wrinkle varnish base. 2,373,212; Apr. 10.
Waldie, William A., assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Pigmented alkyd resin. 2,388,301; Nov. 6.
Waldie, William A., Oakwood, Ohio, assignor to New Wrinkle, Inc., Wilmington, Del. Coating compositions. 2,387,424; Oct. 23.
Waldie, William A., Oakwood, Ohio, and J. E. Bersuder, Warren, Pa., assignors to Chemical Developments Corporation, Dayton, Ohio. Producing dextran acetate. 2,386,994; Oct. 16.
Waldman, Aaron, New York, N. Y. Drafting instrument. 2,371,485; Mar. 13.
Waldman, Samuel, and G. F. Coggins, assignors to Aerovox Corporation, New Bedford, Mass. Etching process. 2,378,052; June 12.
Waldorf Paper Products Company: *See*—
Guyer, Reynolds, assignor.
Guyer, R., and Hennessey, assignors.
Guyer, R., and Johnston, assignors.
Ronning, Henry O., assignor.
Waldron, William R., and R. C. Franklin, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Lenco-monacyl-1,4 diaminoamthraquinone and preparing the same. 2,378,812; June 19.
Wale, Wilbert R., Toledo, Ohio. Preformed step structure. 2,374,905; May 1.
Wales, George F., Kenmore, N. Y. Punching apparatus. 2,378,603; June 19.
Wales, George F., Kenmore, N. Y. Apparatus for perforating sheet material. 2,380,485; July 31.
Wales, George F., Kenmore, N. Y. Perforating apparatus 2,381,476; Aug. 7.
Wales, George F., Kenmore, N. Y. Perforating apparatus and work placing device for same. 2,382,190; Aug. 14.
Wales, Lawrence B., Marblehead, Mass., assignor to General Electric Company. Prime mover governing mechanism. 2,373,621; Apr. 10.
Wales, Nathaniel B., assignor to Norman Bel Geddes, doing business as Norman Bel Geddes and Company, New York, N. Y. Wall cabinet. 2,382,354; Aug. 14.
Wales, Nathaniel B., assignor to N. Bel Geddes, doing business as Norman Bel Geddes and Company, New York, N. Y. Automatic toaster. 2,387,817; Oct. 30.
Wales-Strippit Corporation: *See*—
Kirsch, Frank K., assignor.
Walk-A-Chair Corporation: *See*—
Grady, Thomas R., assignor.
Walker, Alexander M.: *See*—
Rogers, R. M., and Walker.
Walker, Benjamin H., Port Richmond, Staten Island, N. Y. Detachable heel lift. 2,385,592; Sept. 25.
Walker, Brooks, Piedmont, Calif. Grenade thrower. 2,367,249; Jan. 16.
Walker, Brooks, Piedmont, Calif. Fireproof fuel tank system. 2,375,834; May 15.
Walker, Charles, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,387,785; Oct. 30.
Walker, Charles, Syracuse, N. Y., and W. H. Wade, Washington, D. C., assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,369,695; Feb. 20.
Walker, Charles, Syracuse, N. Y., and W. H. Wade, Washington, D. C., assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,371,083; Mar. 6.
Walker, Charles, Syracuse, N. Y., and W. H. Wade, Washington, D. C., assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Printing machine. 2,379,941; July 10.
Walker, Charles R.: *See*—
Anspach, R. J., and Walker.
Krecek, J. A., and Walker.
Walker, Clarence H., San Mateo, Calif. Floral accessory. 2,390,858; Dec. 11.
Walker, Clinton L., Piedmont, Calif. Collapsible drilling tool. 2,375,335; May 8.
Walker, Crosweller & Company Limited: *See*—
Walker, Richard F., assignor.
Walker, Curtis: *See*—
Turchan, M., and Curtis.
Turchan, M., and Walker.
Walker, Edmund R.: *See*—
Worth, W., Walker, and Whitt.
Walker, Eric E.: *See*—
Cusa, N. W., Salkeld, and Walker.
Walker, Ernest, Winnipeg, Manitoba, Canada. Combination extension table and chair. 2,383,831; Aug. 28.
Walker, Frederick S., Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction material. 2,369,502; Feb. 13.
Walker, George D., Riveredge, C. E. Oulsnam, and F. Krysa, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Tube holder. 2,391,528; Dec. 25.
Walker, George E., Paoli, assignor to Warner Company, Philadelphia, Pa. Separating calcium values from magnesium values. 2,374,632; Apr. 24.
Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch. 2,372,305; Mar. 27.

Walker, Glen, Ogden, Utah, assignor to Steiner Sales Company, Chicago, Ill. Device for winding strips of fabric material. 2,379,204; June 26.
Walker, Godfrey B., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Heavy media separation process. 2,387,866; Oct. 30.
Walker, Harry H., and J. P. Mostyn, Lockport, Ill., assignors to The Texas Company, New York, N. Y. Regeneration of doctor solution. 2,366,580; Jan. 2.
Walker, Herbert W., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubberlike polymeric materials and producing the same. 2,382,684; Aug. 14.
Walker, Hiram, & Sons Inc.: *See*—
Rodgers, C. H., and Neureuther, assignors.
Weiner, Lewis P., assignor.
Walker, Howard, Philadelphia, Pa. Brake mechanism. 2,389,096; Nov. 13.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Decarbonization of water. 2,366,945; Jan. 9.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Water purification system. 2,368,055; Jan. 23.
Walker, James D., Aurora, Ill., assignor to The American Well Works. Sewage screening apparatus. 2,379,615; July 3.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Underdrain for filters and the like. 2,387,101; Oct. 16.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Method and apparatus for treating sewage. 2,391,494; Dec. 25.
Walker, James L., Baytown, Tex., assignor to Standard Oil Development Company. Recovery of oil from contact clay. 2,378,813; June 19.
Walker, James L., Baytown, Tex., assignor to Standard Oil Development Company. Mixing device. 2,391,110; Dec. 18.
Walker, Jay P., assignor of forty per cent to G. O. Marchant, and sixty per cent to C. G. Wells, Tulsa, Okla. Desalting petroleum well fluids. 2,384,222; Sept. 4.
Walker, Jesse A.: *See*—
Coultas, W. J., Johnson, and Walker.
Walker, John M., Jr., Philadelphia, Pa., assignor to Selas Corporation of America. Filter. 2,376,739; May 22.
Walker, John V., assignor to Titan Tool Company, Fairview, Pa. Stud setting device. 2,390,034; Nov. 27.
Walker, Joseph B., Los Angeles, Calif. Camera. 2,387,546; Oct. 23.
Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. 2,369,503; Feb. 13.
Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Formaldehyde polymers. 2,369,504; Feb. 13.
Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyglyoxal hydrate. 2,379,555; July 3.
Walker, Kenneth E.: *See*—
Woodhouse, J. C., and Walker.
Walker, Le Roy E., Mullen, Nebr. Fountain toothbrush. 2,371,936; Mar. 20.
Walker Manufacturing Company, Incorporated: *See*—
Osteen, Richard T., assignor.
Walker Manufacturing Company of Wisconsin: *See*—
Mizer, Joseph J., assignor.
Moss, Chester C., assignor.
Walker, Merle H., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Firearm. 2.383,356; Aug. 21.
Walker, O. S., Co. Inc.: *See*—
Gotha, Daniel F., assignor.
Walker, Orange C.: *See*—
Dorsett, W. C., Sperling, and Walker.
Walker, Prescott H.: *See*—
Ball, A. L., and Walker.
Walker, Richard A., St. Joseph, Mo. Draft regulating apparatus. 2,376,211; May 15.
Walker, Richard F., assignor to Walker, Crosweller & Company Limited, Cheltenham, England. Valve position indicator. 2,386,413; Oct. 9.
Walker, Robert O., New York, N. Y. Screen for the reception of projected images. 2.366,761: Jan. 9.
Walker, Russell T., Bremerton, Wash. Toy. 2,391,529; Dec. 25.
Walker, Thomas G., Nishnabotna, Mo., assignor of one-sixth to J. R. Bailey, one-sixth to G. W. Boettner, and one-sixth to G. I. Beasing, Rockport, Mo. Combination sweep rake, stacker, and loader. 2,371,273; Mar. 13.
Walker-Turner Co. Inc.: *See*—
Ocenasek, William F., assignor.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Preparation of glass testing pieces. 2,367,704; Jan. 23.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to Aincin. Inc., Buffalo, N. Y. Optical device. 2,370,214; Feb. 27.
Walker, Victor, Fort Erie, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Optical device and making same. 2,371,486; Mar. 13.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Curved glass surface and manufacturing same. 2,372,535; Mar. 27.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Producing optical surfaces and the like. 2,372,536; Mar. 27.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Manufacturing optical lenses and the like. 2,390,404; Dec. 4.
Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnCin, Inc., Buffalo, N. Y. Processing barium containing glass stock to produce optical elements or the like. 2,390,405; Dec. 4.
Walker-Wallace, Incorporated: *See*—
Wetherby-Williams, Arthur V., assignor.
Walker, Warren R., Forest Hills, N. Y., assignor to General Electric Company. Sealed enclosure and sealing same. 2,380,811; July 31.
Walker, William S., Hope, assignor to Thos. Firth & John Brown Limited, Sheffield, Yorkshire, England. Apparatus for casting metal ingots. 2,377,732; June 5.
Wall, Alexander C., Indianapolis, Ind., assignor to General Electric Company. Gun charger. 2.389,943; Nov. 27.
Wall, George F.: *See*—
Scheg, M. A., and Wall.
Wall, Harry D., Pasadena, and P. B. Wall, Oakland; said H. D. Wall assignor to Rack's Inc., Pasadena, Calif. Combined oven tray and cooking rack. 2.376,640; May 22.
Wall, Howard M., Portland, Oreg., and F. J. Dohrer, Seattle, Wash.; said Dohrer assignor to said Wall. Apparatus for separating wood flour. 2,367,906; Jan. 23.
Wall, Preston B.: *See*—
Wall, Harry D., and P. B.
Wallace, Andrew H., Lockport, N. Y. Weed killer. 2,366,301; Jan. 2.
Wallace, Arthur F.: *See*—
Pell, P. S., and Wallace.
Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Allotter. 2,370,335; Feb. 27.
Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Watchman supervisory automatic telephone system. 2,379,556; July 3.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Aneroid barometer movement. 2,368,905; Feb. 6
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Speed governor. 2.385,432; Sept. 25.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville. N. J. Precise level determination apparatus. 2,386,643; Oct. 9.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Flexible rubber mask. 2,371,859; Mar. 20.
Wallace, David A., Detroit, Mich. Ski harness. 2.381,793; Aug. 7.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Submarine net. 2,383,095; Aug. 21.
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Boat. 2,384,981; Sept. 18.
Wallace, David A., R. E. Hewlett, and W. T. Wilbur, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Speed control for engines. 2,387,370; Oct. 23.
Wallace, De Loss D., Dayton, assignor to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,380,090; July 10.
Wallace, Earl J., Sheridan, Oreg. Portable protective armor device. 2,370,596; Feb. 27.
Wallace, Edgren C.: *See*—
Enslin, H. E., and Wallace.
Wallace, Edward H., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Making molds. 2,388,776; Nov. 13.
Wallace, Frank B., Silver Spring, Md. Roofing installation and forming the same. 2.379,051; June 26.
Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Clamp. 2,370,336; Feb. 27.
Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Skin fastener. 2,370,337; Feb. 27.
Wallace, Frank C., North Hollywood, assignor to H. H. Helbush, Los Angeles, Calif. Clamp. 2,387,371; Oct. 23.
Wallace, Frank C., North Hollywood, assignor to Herman H. Helbush, Los Angeles, Calif. Clamp. 2,391,604; Dec. 25.
Wallace, Frank R., Bordentown, N. J., and H. O. Hedges, assignors to Tabor-Hedges Company, Philadelphia, Pa. Variable stroke fuel injector. 2,370,383; Feb. 27 .
Wallace, Henry W., Freeport, N. Y. Vehicle. 2,371,368; Mar. 13.
Wallace, James M.: *See*—
Rawlins, H. L., and Wallace.

Wallace, John H., Los Angeles, Calif. Cycling automatic engine starter. 2,374,251; Apr. 24.

Wallace, John F., University Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Packing ring for shock absorbing struts. 2,385,045; Sept. 18.

Wallace, Joseph S., Hammond, Ind., and T. E. Sharp, assignors to Standard Oil Company, Chicago, Ill. Stabilization. 2,384,146; Sept. 4.

Wallace, Mac R., Winchester, Mass. Smoker's pipe. 2,377,983; June 12.

Wallace, Marcel, assignor, by mesne assignments, to himself, doing business as Panoramic Laboratories, New York, N. Y. Panoramic radio receiving system. 2,367,907; Jan. 23.

Wallace, Marcel, assignor, by mesne assignments, to himself, doing business as Panoramic Laboratories, New York, N. Y. Radio altimeter and panoramic reception system. 2,378,604; June 19.

Wallace, Marcel, New York, N. Y., and H. G. Miller, Belleville, N. J., assignors, by mesne assignments, to said Wallace, doing business as Panoramic Laboratories, New York, N. Y. Method and apparatus for simultaneous aural and panoramic radio reception. 2,381,940; Aug. 14.

Wallace, Milton S., assignor to Tacoma Tent and Awning Company, Tacoma, Wash. Pack frame and bag. 2,390,673; Dec. 11.

Wallace, Percy J.: *See*—
Halford, F. B., and Wallace.

Wallace, Philip B., Sr., San Francisco, Calif. Flange facing tool. 2,383,753; Aug. 28.

Wallace, Stanley, Chicago, and M. A. Blu, Riverside, assignors to Sears, Roebuck and Co., Chicago, Ill. Bicycle construction. 2,378,961; June 26.

Wallace & Tiernan Products, Inc.: *See*—
Booth, George M., assignor.
Booth, G. M., and Ballard, assignors.
Cubberley, Mitchell H., assignor.
MacKay, John R., assignor.
Marks, Henry C., assignor.
Reid, Ebenezer E., assignor.
Schmelkes, Franz C., assignor.
Schmelkes, F. C., and de Leeuw, assignors.
Wallace, Charles F., assignor.

Wallace, Walter E., assignor to Bell and Wallace Manufacturing Corporation, Richmond, Ind. Metal burial casket. 2,372,412; Mar. 27.

Wallach, Roger, Briarcliff Manor, N. Y., assignor, by mesne assignments, to American Viscose Corporation, Wilmington, Del. Producing potentially adhesive textile fibers. 2,379,264; June 26.

Wallach, Roger N., Briarcliff Manor, and J. Zender, Ardsley, N. Y., assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for treating fluid compositions. 2,386,826; Oct. 16.

Wallance, Donald A., Washington, D. C. Tent pole. 2,368,692; Feb. 6.

Wallden, Sven J.: *See*—
Fåhraeus, G. E., Lindblad and Wallden.

Walle, Norman F., Sr., Buffalo, H. M. Maynard, Snyder, and L. A. Kepler, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Gun firing interrupter. 2,378,670; June 19.

Wallene, Frank O., assignor to The Johnston & Jennings Company, Cleveland, Ohio. Grate mechanism for automatic stokers. 2,370,274; Feb. 27.

Waller, E. F., et al.: *See*—
Minto, Wallace L., assignor.

Waller, Fred, Huntington, assignor to The Vitarama Corporation, Long Island City, N. Y. Ratchet and pawl mechanism. 2,377,733; June 5.

Waller, Fred, Huntington, assignor to Kenyon Instrument Co., Inc., Long Island, N. Y. Batten. 2,378,877; June 19.

Waller, Percy H., et al.: *See*—
Williamson, Russell B., assignor.

Waller, Percy H., Evanston, Ill., assignor of one-half to C. C. Kirk. Case. 2,378,267; June 12.

Waller, Percy H., Wilmette, and E. B. Nottingham, Villa Park, assignors, by mesne assignments, of one-half to Waller and one-half to C. C. Kirk, Chicago, Ill. Container. 2,371,369; Mar. 13.

Wallerstein Company, Inc.: *See*—
Pfannmuller, J., Schade, and Schleich, assignors.

Wallerstein, James S., and R. T. Alba, New York, N. Y., and E. Farber, New Haven, Conn., assignors to The Overly Bio-Chemical Research Foundation, Inc., New York, N. Y. Purification of glycerol formed by fermentation. 2.366.990; Jan. 9.

Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Brake controlling device. 2,370,597; Feb. 27.

Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Fibration isolator. 2,376,317; May 15.

Wallerstein, Leon, Jr., assignor to Lord Manufacturing Company, Erie, Pa. Resilient mounting. 2,382,372; Aug. 14.

Walley, Herbert H., Jr., Newton, Mass., assignor to Stevenson Engineering Corporation. Swivel joint for fluid conduits. 2,377,196; May 29.

Walley, Omar C., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,981; Jan. 23.

Wallgren, August G. F., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Cooler for engines. 2,368,732; Feb. 6.

Wallin, Loren, Wadesboro, N. C. Hypodermic syringe. 2,373,520; Apr. 10.

Wallingford, Vernon H., Ferguson and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Carbalkoxylation of organic compounds. 2,367,632; Jan. 16.

Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Carbalkoxylation of organic compounds. 2,376,837; May 22.

Wallingford, Vernon H., Ferguson, and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Metallation of beta keto esters. 2,391,530; Dec. 25.

Wallis, Albert E., and De W. H. West, Clydach, Swansea, England, assignors to The International Nickel Company, Inc., New York, N. Y. Precipitation of cobaltic hydroxide. 2,377,832; June 5.

Wallis, Albert E., and S. C. Townshend, Swansea, South Wales, assignors to The International Nickel Company, Inc., New York, N. Y. Production of iron carbonyl. 2,378,053; June 12.

Wallis, Barnes N., Weybridge, assignor to Vickers-Armstrongs Limited, Westminster, England. Aircraft structure. 2,387,219; Oct. 16.

Wallis, Barnes N., Weybridge, assignor to Vickers-Armstrongs Limited, Westminster, London, England. Range-finding apparatus. 2,388,197; Oct. 30.

Wallis, John S.: *See*—
Reagan, L. S., and Wallis.
Throckmorton, J. W., and Wallis.

Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company, Incorporated. Apparatus for heating fluids. 2,372,991; Apr. 3.

Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company, Incorporated, New York, N. Y. Waste heat boiler. 2,372,992; Apr. 3.

Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Process Company, Incorporated, New York, N. Y. Heater. 2,385,749; Sept. 25.

Wallis, Marvin E., Murray, Utah, assignor to Brucon Corporation. Vise. 2,387,102; Oct. 16.

Walliser, Robert E., Libertyville, Ill., assignor of one-third to T. S. Johnson, Irvington, N. Y., as trustee, one-third to W. F. Stahl, and one-third to A. Hanisch, Chicago, Ill. Rug. 2,371,199; Mar. 13.

Walls, William S., and M. R. Dean, Bartlesville, Okla., assignors to Phillips Petroleum Company. Separation of methylacetylene from C_4 hydrocarbons. 2,371,860; Mar. 20.

Walmesley, Robert A., Howwood, Scotland, assignor to Imperial Chemical Industries Limited. Recovery of glycerol from fermented liquors. 2,389,173; Nov. 20.

Walp, Charles F.: *See*—
Beishline, G. C., and Walp.

Walper, Curry O., Kitchener, Ontario, Canada. Footwear. 2,380,349; July 10.

Walpole, Horace E. C., Epsom, England. Safety device for ships' propeller shafts. 2,372,036; Mar. 20.

Walraven, George M.: *See*—
Larson, K. R., and Walraven.

Walsh, Bruce R., Wilkinsburg, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for dry sump lubrication of engines. 2,373,360; Apr. 10.

Walsh, Edward R., and H. C. Ward, assignors to Frankfort Distilleries, Incorporated, Louisville, Ky. Conjoint botle mouth and stopper. 2,367,908; Jan. 23.

Walsh, Frank P., St. Louis, Mo., assignor to Whiting Corporation, Harvey, Ill. Portable car washing apparatus. 2,390,017; Nov. 27.

Walsh, James A., West Haven, Conn. Inflatable life raft. 2,390,199; Dec. 4.

Walsh, James L.: *See*—
Watson, A. K., Lewis, and Walsh.

Walsh, John E., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,389,222; Nov. 20.

Walsh, John G.: *See*—
Bascom, H. M., Goddard, and Walsh.

Walsh, John G., Newark, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,368,056; Jan. 23.

Walsh, John G., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,374,964; May 1.

Walsh, Philip J., San Francisco, Calif. Electric control system. 2,368,953; Feb. 6.

Walsh, Ralph: *See*—
Martin, Earnest E., assignor.

Walsh, Samuel R., Valley Falls, and G. E. Repass, Pawtucket, R. I., assignors to H & B American Machine Company. Textile drawing mechanism. 2,370,598; Feb. 27.

Walsh, Thomas J.: *See*—
Burk, R. E., and Walsh.

Walsh, William L.: *See*—
Von Glahn, W. H., and Walsh.
Von Glahn, W. H., Walsh, and Streck.
Walter, Charles T.: *See*—
Newton, L. R., Haase, and Walter.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Apparatus for separating lean meat from fat tissue. 2,373,361; Apr. 10.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage stuffing machine. 2,373,865; Apr. 17.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Filling machine. 2,376,838; May 22.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sewing machine. 2,380,912; July 31.
Walter, Charles T., Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill. Soap molding machine. 2,385,322; Sept. 18.
Walter, Charles T., and L. R. Newton, assignors to Industrial Patents Corporation, Chicago, Ill. Sewing machine. 2,375,155; May 1.
Walter, Harold J., assignor to Uxbridge Worsted Co., Inc., Uxbridge, Mass. Dyeing woolen and other nitrogenous textile material. 2,387,200; Oct. 16.
Walter, Henry A., Columbia, Mo., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Thermosetting urea-formaldehyde composition. 2,373,362; Apr. 10.
Walter, Henry E., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of decorative surfaces. 2,369,092; Feb. 6.
Walter, Henry E., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of surface-hardened fiberboard. 2,375,450; May 8.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool table stop. 2,372,141; Mar. 20.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool guideway. 2,378,343; June 12.
Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Machine tool lubrication system. 2,383,357; Aug. 21.
Walter, Jules G.: *See*—
Cohn, S. and J., and Walter.
Cohn, S., and Walter.
Walter, Leo N., Oak Glenn, Ill. Digging implement. 2,371,563; Mar. 13.
Walter, Leo N., Oak Glenn, Ill. Heater construction. 2,391,111; Dec. 18.
Walter, Lewis A., East Orange, assignor to The Maltbie Chemical Company, Newark, N. J. Thiobarbituric acid derivatives and their salts. 2,388,024; Oct. 30.
Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Substituted barbituric acid derivatives and salts thereof, and producing the same. 2,368,335; Jan. 30.
Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Disubstituted thiobarbituric acid derivatives and salts thereof, and producing the same. 2,368,336; Jan. 30.
Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Substituted barbituric acids and salts thereof. 2,368,337; Jan. 30.
Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Substituted thiobarbituric acids and salts thereof. 2,368,338; Jan. 30.
Walter, Lewis A., and L. H. Goodson, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. α-chloroethyl sulphides and preparing the same. 2,388,025; Oct. 30.
Walter, Maurice, New York, N. Y. Tractor and lift trailer combination. 2,376,296; May 15.
Walter, Maurice, Atlantic Beach, N. Y. Transportable gun mount. 2,382,836; Aug. 14.
Walters, Ernest G.: *See*—
Fruth, H. F., Haas, and Walters.
Walters, Frank J., Cocoa, Fla. Landing and launching equipment for flying boats. 2,371,721; Mar. 20.
Walters, Fritz, assignor to Detroit Tap and Tool Company, Detroit, Mich. Multiple thread milling cutter. 2,370,894; Mar. 6.
Walters, Leonard N., Tulsa, Okla. Spring winding tool. 2,367,320; Jan. 16.
Walters, Lewis, New York, N. Y. Package cutter. 2,376,887; May 29.
Walters, Oswald H., Runcorn, England, assignor to Imperial Chemical Industries Limited. Production of alkali metal percarbonates. 2,380,620; July 31.
Walthall, John H., near Sheffield, Ala., assignor to Tennessee Valley Authority. Production of alumina. 2,381,477; Aug. 7.
Waltham Watch Company: *See*—
Logan, Waldo R., assignor.
Sperry, A. B., Nazar, and Erwin, assignors.
Walther, George, near Dayton, and E. L. Miller, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Fifth wheel construction. 2,387,625; Oct. 23.
Walther, Lucian E., assignor to James N. Schien, Los Angeles, Calif. Instant heater for liquids. 2,380,132; July 10.
Waltmann, Ernst: *See*—
Kaase, W., and Waltmann.
Waltmann, Ernst, and E. Wolf, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Rendering textiles water-repellent. 2,380,133; July 10.
Walton, Arthur K., and C. E. Chesser, assignors to Newark Stove Company, Newark, Ohio. Magazine feed solid fuel heater. 2,380,000; July 10.
Walton, Arthur L.: *See*—
Dixon, Fate, assignor.
Walton, Charles W.: *See*—
Borders, A. M., Wolfe, Osterhof, and Walton.
Walton, George H., Helsby, near Warrington, J. C. Quayle, Manley, Helsby, and P. Jones, Kelsall, near Chester, assignors to British Insulated Cables Limited, Prescot, England. Heat treatment of the insulating coverings of electric wires and cables. 2,374,515; Apr. 24.
Walton, George H., Helsby, near Warrington, J. C. Quayle, Manley, Helsby, and P. Jones, Kelsall, near Chester, assignors to British Insulated Cables Limited, Prescot, England. Heat treatment of the insulating coverings of electric wires and cables. 2,384,982; Sept. 18.
Walton, George M., Shaker Heights, assignor to Air-Maze Corporation, Cleveland, Ohio. Oil separator. 2,391,208; Dec. 18.
Walton, Lewis E., West Lawn, Pa. Combination rubber die. 2,375,599; May 8.
Walton, Milford T., Peoria, Ill., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of riboflavin by butyl alcohol producing bacteria. 2,368,074; Jan. 23.
Walton, Richard R., Cambridge, Mass., assignor of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey and Almy Chemical Company, Cambridge, Mass. Package filling machine. 2,368,624; Feb. 6.
Walton, Robert O., assignor to Merla Tool Corporation, Dallas, Tex. Well flow device. 2,385,316; Sept. 18.
Walton, Robert O., assignor to Merla Tool Corporation, Dallas, Tex. Well flow device. 2,391,605; Dec. 25.
Walworth Patents, Inc.: *See*—
Mattimore, John D., assignor.
Wampler, Roy W.: *See*—
Knight, M., Wampler and Arner.
Wampner, Herbert L., Burlingame, Calif., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Astringent preparations. 2,368,075; Jan. 23.
Wanamaker, Elmer M., Knoxville, Tenn., R. H. Cromwell, East Orange, N. J., and H. L. Chamberlain, assignors to Electro Manganese Corporation, Knoxville, Tenn. Ore reduction apparatus. 2,384,862; Sept. 18.
Wanderer, Frederick W., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Washing and drying coagula of rubber and similar materials. 2,371,722; Mar. 20.
Wandscheer, Evert, Sioux Center, Iowa. Snow plow. 2,387,959; Oct. 30.
Wandscheer, Joseph, Sioux Center, Iowa. Snow plow. 2,381,017; Aug. 7.
Wanelik, John, Clifton, assignor to M. J. Maguth & Son Machine Works, Carlstadt, N. J. Boring bar. 2,369,875; Feb. 20.
Wanezek, Anthony R.: *See*—
Bagan, John P., assignor.
Wann, Richard H.: *See*—
Roberts, Vernon L., assignor.
Wanner, Joseph W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Plating fixture. 2,367,909; Jan. 23.
Wansker, Harry A., Newtonville, Mass. Tubular container. 2,367,705; Jan. 23.
Wansker, Harry A., Newtonville, Mass. Method and apparatus for producing collapsible paperboard bodies for tubular containers. 2,376,839; May 22.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Combined thermoelectric safety shutoff device and cock. 2,372,537; Mar. 27.
Wantz, Clarence, and C. E. Hajny, assignors to Milwaukee Gas Specialty Company, Milwaukee, Wis. Turret lathe. 2,379,123; June 26.
War, United States of America, as represented by the Secretary of: *See*—
Anderson, Nelson F., assignor.
Eyler, Lawrence J., assignor.
Garand, John C., assignor.
Hale, F. B., and Gaines, assignors.
Hallock, Eugene D., assignor.
Jennings, B. H., and Bigg, assignors.
McNish, Alvin G., assignor.
Nickerson, John L., assignor.
Richter, Curt P., assignor.
Schreiber, R. P., and Lee, assignors.
Sherwin, Chalmers W., assignor.
Tweeddale, John, assignor.
Winer, Ephraim and A., assignors.
Waranch, Theodore, assignor to The Comfy Manufacturing Company, Baltimore, Md. Slip cover. 2,373,071; Apr. 3.

Warburton, Fred, assignor to Cable and Wireless Limited, London, England. Telegraph apparatus. 2,371,367; Mar. 13.
Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Converting dicyclopentadiene to cyclopentadiene. 2,372,237; Mar. 27.
Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Liquid coating composition. 2,373,866; Apr. 17.
Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,388,583; Nov. 6.
Ward, Alger L., Bala-Cynwyd, Pa., assignor to The United Gas Improvement Company. Chemical process and product. 2,388,584; Nov. 6.
Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Synthetic hydrocarbon resins and making the same. 2,373,725; Apr. 17.
Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Liquid coating compositions, coated objects, and processes for making same. 2,387,626; Oct. 23.
Ward, Ashley F., Cincinnati, Ohio. Baking pan. 2,391,660; Dec. 25.
Ward Baking Company: *See*—
Burdett, A. W., Tannous, and Tolley, assignors.
Wennmann, William, assignor.
Ward, Clemson H., Baltimore, Md., assignor to Bethlehem Steel Company. Apparatus for electrolytic galvanizing of sheets. 2,384,660; Sept. 11.
Ward, D. W., et al.: *See*—
Gaffey, Edgar W., assignor.
Ward, Delbert J.: *See*—
Rechton, G. D., Ward, and Watson.
Ward, Earl M., Los Angeles, assignor of 25 percent to G. C. Sullivan, Hollywood, Calif. Fuel injection device. 2,371,787; Mar. 20.
Ward, Eugene B., West Springfield, Mass. Footwear. 2,370,275; Feb. 27.
Ward, George C., Ventura, Calif. Light visor. 2,385,557; Sept. 25.
Ward, George L., Northwood, assignor to Standard Telephones and Cables Limited, London, England. Electric soldering apparatus. 2,385,118; Sept. 18.
Ward, Harold K., Beaverton, I. W. Skillings, Portland, and W. S. Brown, Oregon City, Oreg. Pneumatic launching ram. 2,370,431; Feb. 27.
Ward, Harry C.: *See*—
Walsh, E. R., and Ward.
Ward, James L., Inglewood, Calif. Lawn mower sharpener. 2,377,984; June 12.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Dispensing faucet. 2,367,077; Jan. 9.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Dispensing faucet. 2,388,026; Oct. 30.
Ward Leonard Electric Company: *See*—
Kouyoumjian, Haroutium K., assignor.
Logan, Frank G., assignor.
Stapleton, George M., assignor.
Ward, Loyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Remote control valve. 2,369,505; Feb. 13.
Ward Products Corporation, The: *See*—
Ludwig, Sidney, assignor.
Ward, Robert N., Royal Oak, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Electrical coincidental locking system for automobiles. 2,371,370; Mar. 13.
Ward, Royal V., San Bernardino, Calif. Sifting apparatus. 2,384,715; Sept. 11.
Warde, Robert H.: *See*—
Gillmore, K. B., and Warde.
Warden, Frederick W.: *See*—
McWhirter, E. M. S., Dunn, Chambers, and Warden.
Ware, Harris O., Kalamazoo, Mich., assignor to Hercules Powder Company, Wilmington, Del. Aqueous soybean protein compositions. 2,385,240; Sept. 18.
Ware Shoals Manufacturing Co.: *See*—
Hunt, John O., assignor.
Waring, Charles E.: *See*—
Cook, S. V., and Waring.
Gaugler, R. S., and Waring, assignors.
Waring, Eugene H., Los Angeles, assignor to Western Plastics, Incorporated, Glendale, Calif. Boat construction. 2,381,631; Aug. 7.
Waring, Robert K.: *See*—
Wagner, I. D., Fetterolf, Waring, and Mahler.
Wark, Robert: *See*—
Barker, S. N., Selman, Bull, Marten-Gwilliam, Wark, and Thomson.
Warlick, Frank: *See*—
Wertman, D., and Warlick.
Warmisham, Arthur, Leicester, England. Optical objective. 2,379,392; June 26.
Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,366,661; Jan. 2.
Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical system. 2,380,887; July 31.
Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,380,888; July 31.
Warmisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,391,209; Dec. 18.
Warmisham, Arthur, and C. G. Wynne, assignors to Kapella Limited, Leicester, England. Optical objective. 2,391,210; Dec. 18.
Warnat, Kurt, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Colorless, aqueous solution of vitamin-K-active compounds and manufacture of same. 2,380,621; July 31.
Warnat, Kurt, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Preparing purified calcium pantothenate. 2,389,097; Nov. 13.
Warner Aircraft Corporation, The: *See*—
Majneri, L. A., and Wiseman, assignors.
Warner Bros. Pictures, Inc: *See*—
Haskin, Byron C., assignor.
Tondreau, Albert W., assignor.
Warner Company: *See*—
Walker, George E., assignor.
Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Cabin supercharger arrangements. 2,385,664; Sept. 25.
Warner, Douglas K., Sarasota, Fla. Crankshaft. 2,377,833; June 5.
Warner, Douglas K., Sarasota, Fla. Air entrainment propulsion method in craft supported chiefly by air pressure. 2,387,627; Oct. 23.
Warner, Douglas K., Sarasota, Fla. Compression airplane. 2,390,859; Dec. 11.
Warner Electric Brake Manufacturing Company: *See*—
Born, F. G., and Oetzel, assignors.
Oetzel, John G., assignor.
Warner, Harry C., assignor to American Inventions, Inc., San Francisco, Calif. Dispensing and vending system. 2,384,863; Sept. 18.
Warner, John G.: *See*—
Ewing, F. J., Secor, and Warner.
Warner Manufacturing Company: *See*—
Warner, Thomas W., Jr., assignor.
Warner, Maurice L., Jersey City, assignor, by mesne assignments, to Savory Equipment, Inc., Newark, N. J. Automatic toasting apparatus. 2,371,084; Mar. 6.
Warner, Rollin C., New York, N. Y. Safety razor. 2,391,606; Dec. 25.
Warner, Stanley F., Forest Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Pulse controlling apparatus. 2,386,760; Oct. 16.
Warner & Swasey Company, The: *See*—
Bogart, Fred H., assignor.
Goetze, Max G., assignor.
Warner, Thomas E., Revelstoke, British Columbia, Canada. Tow bar. 2,370,926; Mar. 6.
Warner, Thomas W., Jr., Los Angeles, assignor to Warner Manufacturing Company, Glendale, Calif. Making closure members. 2,388,375; Nov. 6.
Warner, Wilbur W.: *See*—
Suhr, F. W., and Warner.
Warner, Wilbur W., Fort Wayne, Ind., assignor to General Electric Company. Quick reversing motor. 2,367,982; Jan. 23.
Warner, William R, & Company, Inc.: *See*—
Martin, G. J., and Thompson, assignors.
Robinson, Joseph, assignor.
Warp, Harold, Chicago, Ill. Light deflector screen and making the same. 2,366,224; Jan. 2.
Warren, Charles F., assignor to Hydraulic Impact Tool Company, Milwaukee, Wis. Thread dispensing device. 2,370,699; Mar. 6.
Warren, Charles J., Cincinnati, Ohio. Vending machine. 2,370,276; Feb. 27.
Warren, Charles W.: *See*—
Landay, H. J., and Warren.
Warren, Charles W., North Plainfield, N. J. Variable arc rotary actuator. 2,382,925; Aug. 14.
Warren Featherbone Co., The: *See*—
Chamberlain, Frederic W., assignor.
Chamberlain, Lydia, assignor.
Warren, Frederick A., Atlanta, Ga. Fitting for plumbing systems. 2,379,669; July 3.
Warren, Frederick C., Los Angeles, Calif. Self-lubricating bearing and bell crank. 2,369,421; Feb. 13.
Warren, George E., Bristol, Pa., assignor of one-half to A. W. Dunning, Springfield, Mass. Ammunition link. 2,366,887; Jan. 9.
Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,376,212; May 15.
Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,379,770; July 3.
Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Welded structure. 2,380,276; July 10.
Warren, Henry E., Ashland, Mass. Balanced valve. 2,391,531; Dec. 25.
Warren, Hugh W., Derita, N. C. Pallet. 2,377,911; June 12.
Warren, John B., Jr., Houston, Tex. Specific gravity indicator for drilling mud. 2,373,795; Apr. 17.

Warren, Marie E.: *See*—
Benton, Dudley C., assignor.
Warren, Richard F., Jr.: *See*—
Lashar, Walter B., assignor.
Warren, Richard F., Jr., Stratford, Conn. Inorganic fibre rope. 2,369,876; Feb. 20.
Warren, Richard F., Jr., Stratford, Conn. Lubricated rope. 2,372,142; Mar. 20.
Warren, Richard F., Jr., Stratford, Conn. Rope. 2,372,868; Apr. 3.
Warren, Richard F., Jr., Stratford, Conn. Luminous rope. 2,382,355; Aug. 14.
Warren, Richard F. Jr., Stratford, Conn. Lock nut. 2,390,759; Dec. 11.
Warren, S. D., Company: *See*—
Goff, L. O., and Frost, assignors.
Osgood, Harry W., Jr., assignor.
Woodward, F. C., assignor.
Warren, Stafford L.: *See*—
Strain, W. H., Plati, and Warren.
Warren, Wallace H., Gering, Nebr. Compressed air operated rotary tool. 2,382,591; Aug. 14.
Warren, William B., assignor to Fisher Scientific Company, Pittsburgh, Pa. Safety tongs. 2,384,408; Sept. 4.
Warrick, Earl L.: *See*—
McGregor, R. R., and Warrick.
Warrick, Halsted R., Teaneck, N. J., assignor to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,382,117; Aug. 14.
Warrick, Ray W., Crozet, Va. Vaporizing manifold for internal-combustion engines. 2,378,344; June 12.
Warrington, Albert R. Van C., Wallingford, Pa., assignor to General Electric Company. Protective apparatus. 2,378,268; June 12.
Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective apparatus. 2,381,375; Aug. 7
Warshaw, Howard D., Philadelphia, Pa. Remote indicating system. 2,368,278; Jan. 30.
Warth, Albin H.: *See*—
Grabus, A. P., Jr., and Warth.
Warth, Albin H., and E. Lidard, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Making caps. 2,367,250; Jan. 16.
Warth, Albin H., and W. C. Rainer, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 2,378,521; June 19.
Warth, Albin H., and P. Grabus, Jr., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cork composition and products made therefrom. 2,383,096; Aug. 21.
Warwick, Charles W., assignor to Packard Motor Car Company, Detroit, Mich. Electrical device. 2,385,665; Sept. 25.

Warwick Chemical Company: *See*—
Pingree, Raymond A., assignor.
Warwick, Edwin M.: *See*—
MacDonald, Raymond E., assignor.
Wascher, William H., Flint, Mich. Reinforced concrete post. 2,378,814; June 19.
Waseige, Charles R., Saint-Etienne, Loire, France; vested in the Alien Property Custodian. Polyengine bipropeller drive. 2,380,889; July 31.
Waseige, Charles R., Rueil, Seine-et-Oise, France; vested in the Alien Property Custodian. Flywheel starter for aircraft engines. 2,381,018; Aug. 7.
Waseige, Charles R., Rueil, France; vested in the Alien Property Custodian. Retractable tail landing gear for aircraft. 2,387,628; Oct. 23.
Waseige, Charles R., Saint-Etienne, Loire, France; vested in the Alien Property Custodian. Rotary vane pump. 2,387,629; Oct. 23.
Wasem, Jacques, Veyrier, Switzerland. Pedal drive. 2,391,809; Dec. 25.
Wash, George: *See*—
Cato, A. Q., Wash, and Shmidl.
Washam, Patrick H., Jr., Pittsburgh, Pa. Support for coiled strip. 2,369,093; Feb. 6.
Washburn, Edward N., Bartlesville, Okla., assignor to Phillips Petroleum Company. Rotary jet gun. 2,382,685; Aug. 14.
Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Mass spectrometry. 2,378,962; June 26.
Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Analytical system. 2,387,786; Oct. 30.
Washington Institute of Technology, Inc.: *See*—
Pear, Charles B., Jr., assignor.
Wasserman, Sidney: *See*—
Gold, R. H., and Wasserman.
Wassman, August H., assignor to Carter Carburetor Corporation, St. Louis, Mo. Turbulence producing valve. 2,383,697; Aug. 28.
Wassom, Mason E.: *See*—
Denison, M. C., and Wassom.
Wasson, Clifford H.: *See*—
Neer, H. L., Wasson, and Neer.
Wasson, Loerwood C., Wauwatosa, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermal expansion responsive control. 2,379,124; June 26.
Watchemoket Optical Co., Inc.: *See*—
Stevenson, Walter J., assignor.
Waterbury Companies, Incorporated: *See*—
Reibold, W. F., and Magnenat, assignors.
Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Temperature controlling device for incubators. 2,376,641; May 22.
Waterman, Arthur E., and F. J. Kreutzer, assignors to James Manufacturing Company, Fort Atkinson, Wis. Knockdown ventilator. 2,376,642; May 22.
Waterman, William: *See*—
Sacchini, C. R., and Waterman.
Waterous Company: *See*—
Boyles, R. R., and Wilhelm, assignors.
Wilhelm, Edward A., assignor.
Waters, Andrew S., assignor of one-half to J. Shorter, Dallas, Tex. Bottle reclaiming machine. 2,373,932; Apr. 17.
Waters, Charles D., assignor to Automotive Products Company Limited, Leamington Spa, England. Retractable undercarriage for aircraft. 2,374,146; Apr. 17.
Waters, Daniel V., Flemington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling articles. 2,371,085; Mar. 6.
Waters, Harold A., and C. Meadows, Columbus, assignors to The Sherwin-Williams Company, Cleveland, Ohio. Insecticidal treatment of cotton plants. 2,376,749; May 22.
Waters, Harry F., New York, N. Y. Making containers and products thereof. 2,367,477; Jan. 16.
Waters, Harry F., New York, N. Y. Preserving cooked foods. 2,369,765; Feb. 20.
Waters, Harry F., New York, N. Y. Fluid-tight packaging. 2,374,793; May 1.
Waters, Harry F., New York, N. Y. Wheel. 2,377,531; June 5.
Waters, Harry F., New York, N. Y. Fabricating collapsible tubes. 2,377,532; June 5.
Waters, Harry F., New York, N. Y. Container. 2,377,533; June 5.
Waters, Harry F., New York, N. Y. Preserving foods in flexible-walled fluid-tight bags. 2,380,134; July 10.
Waters, Harry F., New York, N. Y. Continuous filling and packaging machine. 2,385,897; Oct. 2.
Waters, Harry F., New York, N. Y. Snap-down bottom, flat-folded paperboard container. 2,385,898; Oct. 2.
Waters, John L., assignor to Salem Steel & Supply Company, Salem, Oreg. Motorized hand truck. 2,377,389; June 5.
Waters, Marshall A., Chicago, Ill.; M. S. Waters, executrix of said M. A. Waters, deceased. Web synchronizing device. 2,375,451; May 8.
Waters, Mitzi S., executrix: *See*—
Waters, Marshall A.
Waters, Vern S., Minneapolis, Minn., assignor to General Mills, Inc. Preparation of glutamic acid hydrochloride. 2,380,890; July 31.
Watkins, Alexander E., and W. H. Easterford, Los Angeles, Calif. Clothes hanger. 2,391,661; Dec. 25.
Watkins, Bruce O., Brentwood, Mo., and J. F. Atkinson, Cambridge, Mass. Circuit disconnecting device. 2,387,372; Oct. 23.
Watkins, Bruce O., Brentwood, Mo., and J. F. Atkinson, Cambridge, Mass. Circuit disconnecting device. 2,387,373; Oct. 23.
Watkins, Franklin M.: *See*—
Herlocker, R. D., Kleinholz, and Watkins.
Wayo, S. J., and Watkins.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glazing unit and mounting therefor. 2,369,382; Feb. 13.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass structure and producing the same. 2,374,056; Apr. 17.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated glass structure and producing the same. 2,374,057; Apr. 17.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Treating plastic sheeting. 2,375,396; May 8.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glazing unit and mounting therefor. 2,381,194; Aug. 7.
Watkins, Raymond L., Paducah, Ky. First-aid kit. 2,377,117; May 29.
Watkins Soda Fountain Corp: *See*—
Palmieri, Libero, assignor.
Watkins, Walter T., Jr.: *See*—
McNab, J. G., and Watkins.
Watkins, Wilfrid W., Helensburgh, Scotland. Apparatus for marking or cutting pipes. 2,389,286; Nov. 20.
Watkins, William W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamide solutions. 2,377,985; June 12.
Watkins, William W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of polyamide structures. 2,379,557; July 3.
Watnick, Morris, Brooklyn, N. Y. Radiator enclosure. 2,386,414; Oct. 9.
Watrobski, Raymond J., Scotia, N. Y., assignor to General Electric Company. Crystal mounting. 2,385,666; Sept. 25.
Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermionic device and fabrication. 2,372,037; Mar. 20.

Watrous, Ward W., Jr., Chatham, N. J., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,381,632; Aug. 7.
Watson, Alfred J. G., Beccles, England. Grab. 2,372,347; Mar 27.
Watson, Arthur K., New Canaan, Conn., W. L. Lewis, Binghamton, N. Y., and J. L. Walsh, Washington, D. C., assignors to International Business Machines Corporation, New York, N. Y. Mobile accounting device. 2,390,479; Dec. 4.
Watson, Charles E., assignor to Bird-White Corporation, Chicago, Ill. Portable hoist. 2,378,605; June 19.
Watson, Claude W., Tuckahoe, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Isomerization of hydrocarbons 2,368,733; Feb. 6.
Watson, Earl C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,367,983; Jan. 23.
Watson, Edward D., and R. A. L. Edmonds, Beeston, England; said Edmonds assignor to said Watson. Hypodermic injector. 2,371,086; Mar. 6.
Watson, Edward F., Larchmont, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Start-stop regenerative telegraph repeater. 2,367,910; Jan. 23.
Watson, George R., Waukegan, Ill., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Tool guide for cable tool drills. 2,386,281; Oct. 9.
Watson, Harold D., Beloit, Wis. Toilet seat and cover hinge. 2,366,762; Jan. 9.
Watson, Harold D., Beloit, Wis. Plastic toilet seat hinge. 2,371,200; Mar. 13.
Watson, Jack H.: *See*—
Rechton, G. D., Ward, and Watson.
Watson, James A., Jr., Silver Spring, Md. Transport vehicle. 2,380,562; July 31.
Watson, John E., Detroit, and K. A. Binder, assignors to Ford Motor Company, Dearborn, Mich. Phenol-formaldehyde resin. 2,376,213; May 15.
Watson, John E., Westport, Conn., and C. B. McBride, Port Chester, N. Y., assignors to Prat-Daniel Corporation, East Port Chester, Conn. Dust sampler. 2,386,282; Oct. 9.
Watson, Orla E., Kansas City, Mo. Injector operating means. 2,389,475; Nov. 20.
Watson, Philip R.: *See*—
Page, G. A., Jr., Jerger, Rugge, and Watson.
Watson, Robert L., McKeesport, Pa. Mold. 2,379,616; July 3.
Watson, Roger W.: *See*—
Gaynor, J. W., White, and Watson.
Rhodes, H. D., and Watson.
Watson, Sydney C., trustee, et al.: *See*—
Watson, Sydney C., assignor.
Watson, Sydney C., Chicago, Ill., assignor to Tor-Vel Associates, having as trustees S. C. Watson and A. J. Parcelle. Variable-speed transmission. 2,371,371; Mar. 13.
Watson, Sydney C., Chicago, Ill., assignor to Tor-Vel Associates, having as trustees S. C. Watson and A. J. Parcelle. Gear generator. 2,378,963; June 26.
Watson, Talmage E., Simsboro, La. Golf target. 2,374,906; May 1.
Watson, Thomas J., New Canaan, Conn., assignor to International Business Machines Corporation, New York, N. Y. Lectern. 2,388,353; Nov. 6.
Watson, Thomas J., New Canaan, and B. H. Phillips, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Filing system. 2,386,520; Oct. 9.
Watson, Thomas S., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Laundry extractor. 2,372,753; Apr. 3.
Watson, Thomas S., assignor to Huebsch Manufacturing Company, Milwaukee, Wis. Laundry holder. 2,378,606; June 19.
atson, Waldon O., North Hollywood, Calif., assignor to Radio Corporation of America. Film marking and mark indicating system. 2,379,505; July 3.
Watson, William U., Chicago, Ill. Clamp support for flag staffs. 2,390,760; Dec. 11.
Watson-Williams Manufacturing Company: *See*—
Goff, H. E., and Daboll, assignors.
Watt, Burton L., Marquette, Mich., and C. F. Osgood, Jr., Hohokus, N. J., assignors to General Strapping Corporation, New York, N. Y. Band tightening and sealing tool. 2,386,153; Oct. 2.
Watt Car & Wheel Company, The: *See*—
Edgar, Robert L., assignor.
Watt, Colin S., Buffalo, N. Y. Driving mechanism for vehicles. 2,383,754; Aug. 28.
Watt, George W., Austin, Tex., assignor to Wingfoot Corporation, Akron, Ohio. Vulcanizing rubber. 2,378,269; June 12.
Watt, George W., Austin, Tex., assignor to Wingfoot Corporation, Akron, Ohio. Accelerators. 2,382,524; Aug. 14.
Watt, Percy G., Palmerston, Ontario, Canada. Dentifrice and toothbrush container. 2,391,371; Dec. 18.
Wattebot, Louis E., London, N.W. 9, assignor to Solex Limited, London, England. Gauging apparatus. 2,375,600; May 8.
Wattendorf, Frank L., Dayton, Ohio. Axial flow fan and compressor. 2,384,000; Sept. 4.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil nose construction. 2,372,143; Mar. 20.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Empennage construction and mounting. 2,378,885; June 19.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Hinge support. 2,380,091; July 10.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Applying metallic skins to metallic structures. 2,382,356; Aug. 14.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Metallic skin-covered structure. 2,382,357; Aug. 14.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Stressed skin airfoil joint. 2,382,358; Aug. 14.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Load-carrying member. 2,382,835; Aug. 14.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,382,950; Aug. 14.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane seat. 2,383,173; Aug. 21.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Main frame structure for airfoils or the like. 2,383,634; Aug. 28.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil structure for aircraft. 2,384,409; Sept. 4.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Making aircraft structures. 2,386,018; Oct. 2.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Truss structure and parts thereof. 2,386,019; Oct. 2.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil construction. 2,386,170; Oct. 2.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automatic flap control. 2,386,521; Oct. 9.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil construction. 2,386,522; Oct. 9.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeve bolt. 2,386,729; Oct. 9.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,390,761; Dec. 11.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,391,662; Dec. 25.
Watter, Michael, and G. W. Pancoe, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airfoil tip construction. 2,383,635; Aug. 28.
Watters, Edward C., Silver Spring, Md. Fluid dispensing device. 2,387,374; Oct. 23.
Watts, Chester B., Jr., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Modulation system. 2,368,693; Feb. 6.
Watts, Chester B., Jr., East Orange, N. J., assignor to Federal Telephone and Radio Corporation. Coupling device. 2,368,694; Feb. 6.
Watts, George L., Flint, Mich. Armored garment. 2,373,726; Apr. 17.
Watts, George W.: *See*—
Voorhees, V., and Watts.
Watts, George W., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion system. 2,377,657; June 5.
Watts, George W., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Handling powdered solids. 2,378,607; June 19.
Watts, Oscar A., French Settlement, La. Child's swing. 2,377,058; May 29.
Watts, Raymond, assignor to American Steel Foundries, Chicago, Ill. Brake rotor. 2,369,328; Feb. 13.
Watts, Rhea N.: *See*—
Spicer, W. E., and Watts.
Watts, Roy T.: *See*—
Knight, F. H., and Watts.
Watzel, Rudolf: *See*—
Rudy, H., and Watzel.
Waugh Equipment Company: *See*—
Dilg, Walter C., assignor.
Wawzonek, Joseph: *See*—
St. Pierre, E., and Wawzonek.
Wawzonek, Joseph, assignor to Hemphill Company, Central Falls, R. I. Pattern drum operating mechanism. 2,382,757; Aug. 14.
Wawzonek, Joseph, Central Falls, and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Crankshaft. 2,374,907; May 1.
Way, Kenneth J., Long Branch, N. J. Communication system. 2,377,912; June 12.
Way, Milton T., Port Chester, N. Y., and C. P. Wolff, Glen Rock, N. J. Heater. 2,383,924; Aug. 28.

Wayne Pump Company, The: *See*—
Hinds, Sherwood, assignor.
Jauch, R. J., and Hinds, assignors.

Wayne, Truman B., Houston, Tex. Treatment of drilling fluids. 2,387,694; Oct. 23.

Wayo, Stephen J., Whiting, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Preparation of capryl salicylate. 2,380,563; July 31.

Weakley, John F., assignor to Carter Carburetor Corporation, St. Louis, Mo. Sealing connector terminal. 2,387,630; Oct. 23.

Wean Engineering Company, Inc.: *See*—
Wean, Raymond J., assignor.

Wean Engineering Company, Inc., The: *See*—
Keller, John D., assignor.

Wean, Raymond J., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Method and apparatus for rolling strip. 2,370,895; Mar. 6.

Weatherup, Robert A., Jacksonville, Fla. Gasoline engine. 2,388,452; Nov. 6.

Weatherstone, Harlan B.: *See*—
Fisher, O. W., White, and Weatherstone.

Weaver, Allan: *See*—
Parker, R. D., and Weaver.

Weaver, Allan, Port Washington, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective calling system. 2,374,908; May 1.

Weaver, Burr S., Scotia, and D. E. Garr, Schenectady, N. Y., assignors to General Electric Company. Regulating system for storage batteries. 2,390,818; Dec. 11.

Weaver, Charles C.: *See*—
Hallman, E. B., Weaver, and McGough.

Weaver, Charles E., Inverness, Calif., assignor to American Telephone and Telegraph Company. Receiver for single side band systems. 2,379,052; June 26.

Weaver, Edgar R.: *See*—
Kemmer, P. H., and Weaver.

Weaver, Harry D., Lancaster Township, Lancaster County, assignor to Hamilton Watch Company, Lancaster, Pa. Jewel oliving machine. 2,369,094; Feb. 6.

Weaver, Harry M., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Cleaning apparatus. 2,367,842; Jan. 23.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Phonograph pickup arm control mechanism. 2,374,570; Apr. 24.

Weaver, Jerald D., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Pickup arm control. 2,376,741; May 22.

Weaver, Jesse M., Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Oil burner wick. 2,371,006; Mar. 6.

Weaver, John S., Downey, Calif., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Machine gun mount. 2,370,896; Mar. 6.

Weaver Manufacturing Company: *See*—
Stoehr, Rolla G., assignor.

Weaver, Martin M., Bareville, Pa. Threshed straw bundler. 2,378,522; June 19.

Weaver, Newton M.: *See*—
Wintsch, Max T., assignor.

Weaver, Paul: *See*—
Murphy, Joseph C., assignor.

Weaver, Welcome I.: *See*—
Simons, J. K., and Weaver.

Weaver, William R., El Paso, Tex. Telescope mount. 2,368,954; Feb 6.

Webb, Cecil E., Norwood, assignor to William R. Steltenpohl, Cincinnati, Ohio. Batt covering machine. 2,390,340; Dec. 4.

Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Crib. 2,368,185; Jan. 30.

Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Crib. 2,380,812; July 31.

Webb, Christopher: *See*—
Smith, O. D., and Webb.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cartridge feeding mechanism for automatic firearms. 2,372,462; Mar. 27.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Charging mechanism for automatic firearms. 2,372,463; Mar. 27.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic firearm. 2,375,452; May 8.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Feeding device for automatic firearm. 2,375,453; May 8.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford. Magazine for automatic firearms. 2,382,926; Aug. 14.

Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company Hartford, Conn. Feeder for automatic firearms. 2,388,453; Nov. 6.

Webb, Glenn M., and M. A. Smith, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic dehydrogenation process. 2,371,087; Mar. 6.

Webb, Glenn M., and M. A. Smith, Riverside, assignors to Universal Products Company, Chicago, Ill. Catalytic dehydrogenation process. 2,371,088; Mar. 6.

Webb, Henry F., St. Louis, Mo. Preserved crab meat and preserving. 2,381,019; Aug. 7.

Webb, Herbert J.: *See*—
Wilcox, H. M., Baker, and Webb.

Webb, Herbert J., Forest Hills, B. P. Baker, Turtle Creek, and A. M. Wahl, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,374,058; Apr. 17.

Webb, Herbert J., Forest Hills, and G. E. Saunders, Arlington, Va., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Operating mechanism. 2,387,960; Oct. 30.

Webb, John K., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric power cable. 2,385,558; Sept. 25.

Webb, Irving F., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Finishing seam and method. 2,372,632; Mar. 27.

Webb, James L., Gainesville, Tex. Variable spacing mechanism for typewriters. 2,372,619; Mar. 27.

Webb, Samuel: *See*—
Nesbitt, A. B., and Webb.

Webb, Wesley L.: *See*—
Kulp, M. P., Morehead, Sisson, and Webb.

Webb, William L.: *See*—
Voorhees, V., and Webb.

Webber, Carroll A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable terminating means. 2,379,942; July 10.

Webber, Harry R., Norwood, Pa. Pole climbing spur. 2,391,810; Dec. 25.

Webber, Robert C., Indianapolis, Ind. Refrigerating system. 2,385,667; Sept. 25.

Webber, Thomas G.: *See*—
Carter, A. S., and Webber.

Weber, Albert J., and E. L. Chrisman, Los Angeles, Calif. Steam spotting unit. 2,391,663; Dec. 25.

Weber, Arthur G.: *See*—
Brooks, R. E., Peterson, and Weber.

Weber, Arthur G., Wilmington, and M. D. Peterson, Edgemoor Terrace, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of benzene. 2,391,283; Dec. 18.

Weber, Carl: *See*—
Berkman, B., Bacon, and Weber.

Weber, Frank A., and H. H. Gregg, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Droppable fuel tank. 2,381,402; Aug. 7.

Weber, Helmut: *See*—
Seidel, J., and Weber.

Weber, John A., assignor to J. T. Anderson, Portland, Oreg. Log turner. 2,382,837; Aug. 14.

Weber, John R., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color photography. 2,376,297; May 15.

Weber, Karl H., assignor to Armstrong Cork Company, Lancaster, Pa. Making polyethylene amine derivatives of fossil resins and product produced thereby. 2,382,838; Aug. 14.

Weber, Louis J.: *See*—
Dolezal, E., Weber, and Hubby.

Weber, Louis Joe, Borger, Tex., assignor to Phillips Petroleum Company. Nonthrusting pipe expansion joint. 2,373,280; Apr. 10.

Weber, Ludwig J., and G. F. Sager, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Magnesium welding rod. 2,375,601; May 8.

Weber, Max, Chicago, Ill. Propeller. 2,386,154; Oct. 2

Weber, Romie H., Aurora, Ind. Ash receiver. 2,388,585; Nov. 6.

Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Thermostat. 2,372,464; Mar. 27.

Weber, Victor, assignor to American Thermometer Company, St. Louis, Mo. Thermostat. 2,385,433; Sept. 25.

Weber, Victor, Greensburg, Pa., assignor to American Thermometer Company, St. Louis, Mo. Temperature regulating device for heating apliances. 2,385,434; Sept. 25.

Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Temperature regulating device. 2,389,014; Nov. 13.

Weber, Victor, Greensburg, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Temperature responsive device. 2,389,880; Nov. 27.

Weber, William C., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Sedimentation apparatus. 2,369,194; Feb. 13.

Weberg, William J., Chicago, Ill. Cushioning holder for lathes and the like. 2,377,594; June 5.

Webster, Benjamin C.: *See*—
Smith, R. M., and Webster.

Webster, Benjamin C., Fairfield, Conn., and R. M. Smith, Bethlehem, Pa., assignors to Bryant Electric Company, Bridgeport, Conn. Discharge lamp assembly. 2,367,984; Jan. 23.

Webster-Brinkley Co.: *See*—
Naud, George G., assignor.
Sprake, Tyler W., assignor.

Webster Electric Company: *See*—
Campbell, Richard H., assignor.
Dally, R., Goldsmith, and Munroe, assignors.

Webster Engineering Company: *See*—
Reagan, L. S., and Wallis, assignors.

Webster, Lewis G., Dayton, Ohio. Desk type drafting machine. 2,366,225; Jan. 2.
Webster Manufacturing, Inc.: *See*—
Gemeny, Blaine B., assignor.
Webster, Philip S., Muskegon, Mich. Flexible piston for internal-combustion engines. 2,376,214; May 15.
Webster, Roderick S., Evanston, and P. C. Will, Oak Park, Ill., assignors to The Hydro-Blast Corporation. Treating tank. 2,386,415; Oct. 9.
Webster, Ronald: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.
Webster, Sidney H., Ridgefield Park, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Military vehicle. 2,385,480; Sept. 25.
Webster, Towner K., Jr.: *See*—
Den Breejen, A., Amari, Luce, Petty, and R. and T. K. Webster, Jr.
Weco Products Company: *See*—
Despres, Lilly D., assignor.
Wecoline Products, Inc.: *See*—
Barsky, George, assignor.
Strauss, Frank A., assignor.
Weddell, Ralph R., Rochester, N. Y. Cutter mounting. 2,371,089; Mar. 6.
Weddell, Ralph R., Rochester, N. Y. Metal removing tool. 2,385,750; Sept. 25.
Weddell Tools, Inc.: *See*—
Kraus, C. E., assignor.
Wedgiok Corporation: *See*—
Ringler, W. A., and Williamson, assignors.
Wedgworth, John K., York, Ala. Demolition appliance for aircraft. 2,386,373; Oct. 9.
Wedler, Frederick C., Media, Pa., assignor to American Viscose Corporation, Wilmington, Del. Making puckered fabrics. 2,373,195; Apr. 10.
Weeber, Paul, Chicago, Ill. Cushion. 2,371,788; Mar. 20.
Weedon, Charles B., Detroit, Mich. Cellar window construction. 2,381,147; Aug. 7.
Weeks, Albert: *See*—
Beasley, H. H., and Weeks.
Weeks, Arnold N., North Scituate, Mass., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Baling bag closing apparatus. 2,374,147; Apr. 17.
Weeks, Carl, assignor to The Armand Company, Des Moines, Iowa. Cosmetic preparation. 2,373,933; Apr. 17.
Weeks, Elmer T., and F. M. McCulley, Scott Bar, Calif. Hydraulic brake attachment. 2,371,937; Mar. 20.
Weeks, Norman E., Indianapolis, Ind., and R. B. Le Roy, Rutherford, N. J., assignors to Bemis Bro. Bag Company, St. Louis, Mo. Seam. 2,378,054; June 12.
Weeks, Robert L., Baton Rouge, La., and B. C. Belden, Cranford, N. J., assignors to Standard Oil Development Company. Treatment of oils. 2,367,385; Jan. 16.
Weeks, Walter R., Hamden, Conn., assignor to General Electric Company. Control device. 2,367,985; Jan. 23.
Weeks, Wesley D., and L. Kube, Phillips, Tex.; said Kube assignor to said Weeks. Engineer architect scale. 2,382,758; Class 14.
Weesner, Carl W., Warren, Ohio, and W. B. Leffingwell, assignors to Sharon Steel Corporation, Sharon, Pa. Treatment of manganese steel. 2,368,955; Feb. 6.
Weeth, Eugene: *See*—
Weeth, W. W., and E., and Dollahite.
Weeth, Waldo W. and E., Coalinga, and M. E. Dollahite, Johnson City, Tex.; said Dollahite assignor to W. W. and E. Weeth. Harvester. 2,388,454; Nov. 6.
Weetman, Bruce, Glenham, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Bituminous coating compositions and processes. 2,383,097; Aug. 21.
Weetman, Bruce, Glenham, and R. J. Agnew, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Bituminous coating compositions and processes. 2,375,055; May 1.
Wegener, Gustav, and W. Scheppmann, Berlin, Germany; vested in the Alien Property Custodian. Synchronizing arrangement. 2,369,625; Feb. 13.
Wegmann, Adolph J., Flushing, N. Y., assignor to Dri-Steam Products, Inc. Desuperheater. 2,384,511; Sept. 11.
Wegst, Walter F., R. McNabney, and L. R. Bacon, assignors to Wyandotte Chemicals Corporation, Wyandotte, Mich. Alkaline composition of matter. 2,390,406; Dec. 4.
Wehle, Edwin C., Binghamton, N. Y. Conveyer. 2,387,220; Oct. 16.
Wehmiller, Freredick W.: *See*—
Herold, J. L., and Wehmiller.
Wehr, Guy, Steubenville, Ohio. Blast furnace charging bell. 2,388,941; Nov. 13.
Wehr, Julian R., Roxbury, Vt. Animated illustration. 2,384,661; Sept. 11.
Wehr, Julian R., Roxbury, Vt. Animated illustration. 2,384,662; Sept. 11.
Wehr, Rudolph, New York, N. Y. Rotary valve. 2,368,956; Feb. 6.
Weibel, Elmer T., East Orange, assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Producing filaments from molten organic compositions. 2,369,506; Feb. 13.
Weichbrodt, Paul P., Buffalo, and F. L. Williamson, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Forming thermoplastic material. 2,370,827; Mar. 6.
Weiche, Georg: *See*—
Gosslau, F., Schmidt, and Weiche.
Weichselbaum, Walter W., Gemmell, Minn. Fishhook. 2,366,662; Jan. 2.
Weichselbaum, Walter W., Gemmell, Minn. Dispensing device. 2,382,191; Aug. 14.
Weick, Fred E., College Park, assignor to Engineering and Research Corporation, Riverdale, Md. Making laminated wooden propeller blades. 2,368,734; Feb. 6.
Weick, Fred E., College Park, and C. De Boer, Ashton, assignors to Engineering and Reseach Corporation, Riverdale, Md. Brazing. 2,366,164; Jan. 2.
Weidauer, Curtis, Manhasset, N. Y., and K. A. Doehm, West New York, N. J., assignors to S. Briskman, New York, N. Y. Indexing mechanism. 2,373,796; Apr. 17.
Weidauer, Curtis, Manhasset, N. Y., and K. A. Doehm, West New York, N. J., assignors to S. Briskman, New York, N. Y. Cam assembly. 2,379,771; July 3.
Weidaw, Robert I.: *See*—
Scheld, W. F., and Weidaw.
Weide, Herbert F., Los Angeles, Calif., assignor to Monsanto Chemical Company. Varnish resin and making same. 2,378,886; June 19.
Weideman, Harvey E., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Cup container for water bottles. 2,378,608; June 19.
Weidner, Hayes, Flagstaff, Ariz. Apparatus for separating solids from water. 2,375,713; May 8.
Weierman, Herbert P., Rydal, Pa. Building construction. 2,372,919; Apr. 3.
Weigand, Maurice E., Dover, Ohio. Tractor stabilizer. 2,391,372; Dec. 18.
Weigel, Daniel M., assignor to The Standard Products Company, Detroit, Mich. Shell body and making same. 2,366,663; Jan. 2.
Weigele, Albert E., Newark, N. J., assignor to National Pneumatic Company, New York, N. Y. Unit and multiple door operator. 2,377,986; June 12.
Weightman, William A., assignor to Edw. G. Budd Manufacturing Company, Philadelphia, Pa. Welding gun. 2,372,413; Mar. 27.
Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spot welding. 2,378,741; June 19.
Weightman, William A., assignor to E. G. Budd Manufacturing Company, Philadelphia, Pa. Clamp for draw benches or the like. 2,380,277; July 10.
Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Apparatus for applying bands to tubular articles. 2,382,359; Aug. 14.
Weigold, Warren G., Hawthorne, N. Y. Sanding device for automobiles. 2,371,274; Mar. 13.
Weijlard, John, Westfield, and J. B. Ziegler, Jr., assignors to Merck & Co., Inc., Rahway, N. J. Production of diacetone keto gulonic acid. 2,367,251; Jan. 16.
Weijlard, John, Westfield, and J. P. Messerly, Clark Township, Union County, assignors to Merck & Co., Inc., Rahway, N. J. Racemization of α-hydroxy-β,β-dimethyl-gamma-butyrolactone. 2,377,390; June 5.
Weijlard, John, Westfield, J. P. Messerly, Clark Township, Union County, and M. Tishler, assignors to Merck & Co., Inc., Rahway, N. J. Preparing pyridine carboxylic acids. 2,381,794; Aug. 7.
Weijlard, John, Westfield, and J. P. Messerly, Clark Township, Union County, assignors to Merck & Co., Inc., Rahway, N. J. Production of diphenyl sulphones. 2,385,899; Oct. 2.
Weil, Otto, New York. N. Y. Altimeter. 2,388,027; Oct. 30.
Weiler, Adolf: *See*—
Seidel, H. J., and Weiler, assignors.
Weiller, Charles R., Louisville, Ky., assignor to Reynolds Metals Co., Richmond, Va. Internally insulated structural unit. 2,391,049; Dec. 18.
Weinaug, Charles F.: *See*—
Douslin, D. R., and Weinaug.
Weinberg, Doris, et al.: *See*—
Konikoff, Robert H., assignor.
Weinberg, Edwin A., assignor to The Ludlow Valve Manufacturing Co., Inc., Troy, N. Y. Valve lock. 2,390,972; Dec. 11.
Weinberg, Sam: *See*—
Felzer, W., and Weinberg.
Weinberger, Jan V., Truro, Nova Scotia, Canada. Fiber cutting machine. 2,379,844; July 3.
Weinberger, Jan V., Truro, Nova Scotia, Canada. Anti-tank ammunition. 2,382,118; Aug. 14.
Weiner, Arnost, Halfway, England. Machine for sub-dividing blocks of glue and other materials into small pieces. 2,386,730; Oct. 9.
Weiner, Lewis P., assignor to Hiram Walker & Sons, Inc., Peoria, Ill. Secondary closure for spirituous beverage bottles. 2,371,372; Mar. 13.
Weiner, Nathan, West Forest Hills, assignor to Bonneville, Limited, New York, N. Y. Flotation process. 2,382,360; Aug. 14.
Weiner, Nathan, West Forest Hills, assignor to Bonneville, Limited, New York, N. Y. Mono-acyl ethylene diamines. 2,387,201; Oct. 16.

Weingart, Richard I. N., Glen Head, N. Y. Bearing structure. 2,376,406; May 22.
Weingart, Richard I. N., Glen Head, N. Y. Case for measuring instruments. 2,379,053; June 26.
Weingart, Richard I. N., Glen Head, N. Y. Compensating system for condition responsive measuring instruments. 2,379,328; June 26.
Weingartner, Gerald A.: *See*—
Dobmeier, H. J., and Weingartner.
Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of 3,4-xylidine. 2,373,438; Apr. 10.
Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye intermediates. 2,378,453; June 19.
Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing phenyl-pentachloroethane. 2,390,629; Dec. 11.
Weinreb, Falk, London, England. Internal-combustion engine. 2,382,362; Aug. 14.
Weinreich, Charles F.: *See*—
Lundal, I. J., and Weinreich.
Weinrich, Arthur R.: *See*—
Colbert, W. H., and Weinrich.
Ogle, J. C., Jr., and Weinrich.
Weir, Francis M., Essex, Conn. Forming laminated sheet. 2,387,631; Oct. 23.
Weir, Frank, Duquesne, Pa., assignor to Carnegie-Illinois Steel Corporation. Apparatus for cleaning hot blast stove flues. 2,374,399; Apr. 24.
Weir, G. & J., Limited: *See*—
Hillier, Harold, assignor.
Weir, Horace M., Wynnewood, Pa., assignor to The United Gas Improvement Company. Separation process. 2,366,900; Jan. 9.
Weir, Horace M., Wynnewood, Pa., assignor to The United Gas Improvement Company. Recovery of valuable hydrocarbons. 2,383,174; Aug. 21.
Weir, James, University Heights, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Internal combustion engine piston. 2,372,993; Apr. 3.
Weir, Ralph, Chicago, Ill. Desk lamp. 2,371,861; Mar. 20.
Weisbaum, Jack, Cincinnati, Ohio. Manufacturing neckties. 2,378,671; June 19.
Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Inc., Lansdale, Pa. Bearing structure for straight knitting machines. 2,370,762; Mar. 6.
Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Inc., Lansdale, Pa. Yarn guide means. 2,376,643; May 22.
Weisbecker, Frank G., Glenside, Pa. Slur cam for knitting machines. 2,381,376; Aug. 7.
Weisberg, Mark, Providence, assignor to Bellefont Associates, Cranston, R. I. Coffee product. 2,380,092; July 10.
Weisberg, Max, Brooklyn, N. Y. Mattress construction. 2,383,175; Aug. 21.
Weisberg, Samuel M., and I. Levin, assignors to Sealtest, Inc., Baltimore, Md. Electropolishing bath. 2,386,078; Oct. 2.
Weisberg, Samuel M., and E. G. Stimpson, Baltimore, Md., and A. L. Miller, State College, Pa., assignors to Sealtest, Inc., Baltimore, Md. Preparation of alkyl lactates. 2,390,140; Dec. 4.
Weisberger, Arthur A., and E. G. Glick, Hammond, Ind., assignors to American Steel Foundries, Chicago, Ill. Spring winding machine. 2,389,109; Nov. 13.
Weissberger, Arnold, and J. L. Leiserson, assignors to Eastman Kodak Company, Rochester, N. Y. Gel and gelling agent. 2,388,887; Nov. 13.
Weisglass, Louis L.: *See*—
Simmon, A., and Weisglass.
Weisglass, Louis L., New York, N. Y., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. X-ray tube protective system. 2,379,125; June 26.
Weiskopf, Edwin C., New York, N. Y. Projection and viewing apparatus. 2,378,672; June 19.
Weiskopf, Edwin C., New York, N. Y. Automatic immersion apparatus. 2,386,079; Oct. 2.
Weisman, Boris, et al.: *See*—
Bustamante, Cesar, assignor.
Weisman, Maurice, Roxbury, Mass., assignor to Mabe Corporation, New York, N. Y. Package. 2,377,118; May 29.
Weisman, Maurice, Roxbury, Mass., assignor to Mabe Corporation, New York, N. Y. Method and apparatus for packing. 2,381,091; Aug. 7.
Weiss, Ernst: *See*—
Heberlein, G., and Weiss.
Weiss, Ernst, and H. Strickstrock, Nuremberg, Germany; vested in the Alien Property Custodian. Time fuse. 2,369,626; Feb. 13.
Weiss, Erwin A., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,370,097; Feb. 20.
Weiss, Erwin A., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,370,098; Feb. 20.
Weiss, Felix, Brookline, Mass., assignor to Cornell-Dubilier Electric Corporation. Condenser winding machine. 2,384,983; Sept. 18.
Weiss, Floyd F., Denver, Colo. Hair curler. 2,391,284; Dec. 18.
Weiss, Frederick T., Normandy, Mo., assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,368,602; Jan. 30.
Weiss, John M., and Co.: *See*—
Weiss, John M., assignor.
Weiss, John M., New York, assignor to John M. Weiss and Co., New York County, N. Y. Vaporization of organic compounds. 2,388,198; Oct. 30.
Weiss, Louis, St. Louis, Mo., assignor to F. L. Robison, Fort Smith, Ark. Construction of cooling units. Re. 22,607; Feb. 20.
Weiss, Samuel, assignor to Vaughan Motor Company, Inc., Portland, Oreg. Electric control system. 2,387,047; Oct. 16.
Weiss, Ugo, Milan, and D. Leone, Turin, Italy; vested in the Alien Property Custodian. Micrometer gauge. 2,382,759; Aug. 14.
Weissberger, Arnold: *See*—
Porter, H. D., and Weissberger.
Salminen, I. F., Vittum, and Weissberger.
Vittum, P. W., Griffin, and Weissberger.
Weissberger, Arnold, and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Preventing aerial oxidation and color stain. 2,384,663; Sept. 11.
Weissenburger, Helmut: *See*—
Laufenberg, W., Maslanka, and Weissenburger.
Weisser, Karl: *See*—
Para, J. W., and Weisser.
Weissman, Eugene, Baltimore, Md. Aerial apparatus. 2,380,278; July 10.
Weitkamp, Alfred W., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Vapor and liquid contacting apparatus. 2,375,336; May 8.
Weizmann, Charles, New York, N. Y. Production of saturated ketones. 2,367,078; Jan. 9.
Weizmann, Charles, London, W. C. 1, England. Production of acetone and butyl alcohol by fermentation. 2,377,197; May 29.
Weizmann, Charles, London, England. Dehydration of unsaturated alcohols. 2,381,148; Aug. 7.
Weizmann, Charles, London, England. Manufacture of styrene and ethylbenzene. 2,384,984; Sept. 18.
Weizmann, Charles, London W. C. I, England. Fermentation processes. 2,386,374; Oct. 9.
Weizmann, Charles, London, England. Production of ketones. 2,388,101; Oct. 30.
Wekeman, Stephen N., Saddle River Township, Bergen County, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Pneumatic control means for photo-composing machines. 2,374,469; Apr. 24.
Welch, Alanson U., Jr., Pittsfield, Mass., assignor to General Electric Company. Alternating current control apparatus. 2,376,215; May 15.
Welch, Arnold D., Overbrook Hills, and L. D. Wright, Edgewood Park, Pa., assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Nutritional preparations and process. 2,391,850; Dec. 25.
Welch, Douglas F.: *See*—
Robinson, T. F., and Welch.
Welch, Jason E., Sr.: *See*—
Stanley, S. J., and Welch.
Welch, Philip J., Brookline, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Expanding tubes in tube seats. 2,389,098; Nov. 13.
Welch, Robert E., assignor to N. J. Smith, Houston, Tex., doing business as N. J. Smith Supply Company. Oil emulsion separating. 2,366,302; Jan. 2.
Welch, Thomas R., Los Angeles, Calif. Label. 2,372,994; Apr. 3.
Welch Tool Engineering Company: *See*—
Terwilliger, George E., assignor.
Weld, Hugh M.: *See*—
Whiton, L. V., and Weld.
Welden, Fay D., Tuckahoe, assignor to Valve Pilot Corporation, New York, N. Y. Driving mechanism for speed indicators. 2,377,284; May 29.
Welden, Fay D., Tuckahoe, N. Y., assignor to Valve Pilot Corporation, New York, N. Y. Locomotive booster recorder. 2,380,001; July 10.
Welden, George R., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Surge plate. 2,379,126; June 26.
Welding Research, Inc.: *See*—
Frickey, R. E., and McKee, assignors.
Sciaky, David, assignor.
Weldon, John J., Pittsfield, Mass., assignor to General Electric Company. Spacer for electrical windings. 2,368,505; Jan. 30.
Weldon Tool Company, The: *See*—
Bergstrom, C. A., W. C., Hedin and Pennington, assignors.
Dettmer, Alfred B., assignor.
Hedin, Oscar C., assignor.
Well Surveys, Incorporated: *See*—
Fearon, Robert E., assignor.
Scherbatskoy, Serge A., assignor.
Scherbatskoy, S. A., Fearon, Neufeld, and Swift, assignors.
Wellcome, Hubert, Bayside, N. Y. Projectile. 2,373,363; Apr. 10.
Wellcome, Hubert, Mount Kisco, N. Y. Bolas projectile. 2,373,364; Apr. 10.

Weller, George L., Jr., Washington, D. C. Mounting photographs and the like. 2,387,695; Oct. 23.
Weller, Harvey C., assignor to Surface Combustion Corporation, Toledo, Ohio. Furnace for heating lens blanks. 2,388,888; Nov. 13.
Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Purification of diolefins. 2,376,104; May 15.
Welling, Charles E., and H. J. Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company. Removal of acetylene from gases. 2,379,670; July 3.
Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Extraction of hydrocarbons. 2,382,119; Aug. 14.
Welling, Charles E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,386,375; Oct. 9.
Welling, Charles E., Wilkinsburg, Pa., assignor to Phillips Petroleum Company. Separating hydrocarbons. 2,386,523; Oct. 9.
Wellington, Fred G., assignor to P. Wickstrom, Seattle, Wash. Leveling system. 2,382,525; Aug. 14.
Wellman, Albert, Scotia, N. Y., assignor to General Electric Company. Electromagnetic relay. 2,379,772; July 3.
Wellman, Edward J.: *See*—
Sidell, P. A., and Wellman.
Wellman Engineering Company, The: *See*—
Crist, Robert W., assignor.
Wellman, John F., Chicago, Ill. Table pad. 2,374,156; Apr. 17.
Wellman, John W.: *See*—
Tishler, M., and Wellman.
Wellman, S. K., Company, The: *See*—
Wellman, Samuel K., assignor.
Wellman, S. K., and Sawyer, assignors.
Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Apparatus for forming sheet metal articles. 2,378,742; June 19.
Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Friction device. 2,380,900; July 31.
Wellman, Samuel K., and C. B. Sawyer, Cleveland Heights, assignors to The S. K. Wellman Company, Cleveland, Ohio. Frictional apparatus. 2,381,941; Aug. 14.
Wellman Smith Owen Engineering Corporation Limited, The: *See*—
Kay, Ignatius, assignor.
Wells, Alfred W. J., London, England. Safeguarding operators on power presses. 2,381,237; Aug. 7.
Wells, C. G., et al.: *See*—
Walker, Jay P., assignor.
Wells Company, Inc., The: *See*—
Wells, Robert D., assignor.
Wells, Edmund D., Madera, Calif. Plumb bob reel. 2,376,407; May 22.
Wells, Franklin H., Ridgewood, N. J., assignor to International Cigar Machinery Company. Continuous process for forming cigar bunches. 2,367,911; Jan. 23.
Wells-Gardner & Co.: *See*—
Swallow, Joseph L., assignor.
Wells, James D.: *See*—
Whipple, L. V., and Wells.
Wells, Johnie, Jr., Lancer, Ky. Key controlled lock. 2,390,973; Dec. 11.
Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Treating light oils produced in by-product coking of bituminous coal in order to obtain a water-soluble acid sludge. 2,376,644; May 22
Wells, Joseph H., and P. J. Wilson, Jr., Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corportion. Production of resins from coke oven gas. 2,389,570; Nov. 20.
Wells Lamont Corporation: *See*—
Richardson, Samuel A., assignor.
Wells, Martin, Los Angeles, Calif. Female urinal. 2,382,276; Aug. 14.
Wells, Percy A., Abington, and R. W. Riemenschneider, Glenside, Pa., assignors to Claude R. Wickard as Secretary of Agriculture of the United States of America and his successors in office. Antioxidant. 2,368,435; Jan. 30.
Wells, Robert D., near Seattle, assignor to The Wells Company, Inc., Seattle, Wash. Wall construction. 2,371,201; Mar. 13.
Wells, Robert S.: *See*—
Anderson, J. T., Wells, and Scott.
Wells, Roy E., assignor to Art Metal Construction Company, Jamestown, N. Y. Paper filing panel. 2,390,974; Dec. 11.
Wellworthy Piston Rings Limited: *See*—
Howlett, John W., assignor.
Welp, Edward W., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc. Liquid treatment. 2,373,154; Apr. 10.
Welp, Edward W., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Wis. Apparatus for heating hard water. 2,376,298; May 15.
Welsford, Hubert G., Westmount, and W. P. Muir, Hampstead, assignors to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Apparatus for forging billets. 2,368,603; Jan. 30.
Welsh, Samuel J., New York, N. Y. Prophylactice sheath or envelope. 2,389,831; Nov. 27.
Welte, Benedict, Lake Orion Township, Oakland County, assignor to Colonial Broach Company, Detroit, Mich. Broaching machine. 2,385,119; Sept. 18.
Welter, Matthew J.: *See*—
Witter, C. H., and Welter.
Weltman, William C.: *See*—
Auxier, R. W., and Weltman.
Weltman, William C., Wilkinsburg, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Resins. 2,383,430; Aug. 21.
Welton, Wright M.: *See*—
Haywood, G., and Welton.
Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Regeneration of catalysts. 2,368,507; Jan. 30.
Welty, Albert B., Jr., Mountainside, N. J., assignor to Standard Oil Development Company. Production of aromatics. 2,380,279; July 10.
Wemp, Ernest E., Detroit, Mich. Torque converter. 2,368,279; Jan. 30.
Wemp, Ernest E., Detroit, Mich. Transmission. 2,371,564. Mar. 13.
Wemp, Ernest E., Detroit, Mich. Power transmitting apparatus. 2,382,034; Aug. 14.
Wemp, Ernest E., Detroit, Mich. Friction member for clutches and brakes. 2,391,495; Dec. 25.
Wempe, Bernhard, Berlin-Schlachtensee, Germany; vested in the Alien Property Custodian. Making spinning nozzles. 2,376,742; May 22.
Wenck, Peter R., assignor to The Dow Chemical Company, Midland, Mich. Reducing syneresis of methyl cellulose. 2,377,834; June 5.
Wende, Charles W. J., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamide articles. 2,389,655; Nov. 27.
Wende, William F., Buffalo, N. Y. Bomb handling device. 2,366,820; Jan. 9.
Wendel, Frans B.: *See*—
Cravener, D. H., Jr., Ingersoll, and Wendel.
Wendelburg, Frank W., and R. J. Wadd, assignors to Harnischfeger Corporation, Milwaukee, Wis. Reversible hoist motor. 2,376,299; May 15.
Wendelken, Frederick K.: *See*—
Wendelken, Frederick S., assignor.
Wendelken, Frederick S., assignor to F. K. Wendelken, Denver, Colo. Sectional surface drain conduit. 2,386,020; Oct. 2.
Wendell, Evert J., Wayne, assignor, by mesne assignments, to National Foam System, Inc., Philadelphia, Pa. Proportioner. 2,374,516; Apr. 24.
Wender, George W., U. S. Army, Camp Ritchie, Md. Paper feed device. 2,387,311; Oct. 23.
Wendorf, Harold W.: *See*—
Rhodes, C. M., and Wendorf.
Wendshuh, Herbert L.: *See*—
Petersen, J. S., Miller, Wendshuh, and Moser.
Wendt, Bruno, Dessau, Germany; vested in the Alien Property Custodian. Carbohydrate solutions. 2,376,743; May 22.
Wendt, Edward J., Elroy, Wis., assignor to Hercules Powder Company, Wilmington, Del. Precipitation of casein. 2,369,095; Feb. 6.
Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Television system. 2,381,238; Aug. 7.
Wengel, Arthur M., Madison, Wis., assignor to Ray-O-Vac Company. Frequency responsive indicating apparatus. 2,384,716; Sept. 11.
Wenholz, Walter W., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,375,969; May 15.
Wening, Herman E., and R. E. Moule, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Oscillating joint. 2,390,905; Dec. 11.
Wennerberg, August, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire straightening apparatus. 2,369,329; Feb. 13.
Wenneborg, Henry H., Springfield, Ill. Lawn chair. 2,381,149; Aug. 7.
Wenner, Robert E.: *See*—
Eiseman, R. J., and Wenner.
Wenner, Wilhelm, Montclair, assignor to Hoffman-La Roche, Inc., Nutley, N. J. Making 4-methyl phenyl acetone. 2,382,686; Aug. 14.
Wenner, Wilhelm, Upper Montclair, assignor to Hoffman-La Roche, Inc., Roche Park, Nutley, N. J. Production of diamino succinic acid. 2,389,099; Nov. 13.
Wennmann, William, Baltimore, Md., assignor to Ward Baking Company, New York, N. Y. Cake slitting machine. 2,380,564; July 31.
Wensel, Page, H. L. Whisner, and R. H. Rugh, Clarion, Pa., assignors to Owens-Illinois Glass Company. Decorating machine. 2,383,947; Sept. 4.
Wenthe-Davidson Engineering Co.: *See*—
Wenthe, William, assignor.
Wenthe, William, assignor to Wenthe-Davidson Engineering Co., Milwaukee, Wis. Service truck. 2,385,559; Sept. 25.
Wentworth, Godfrey E.: *See*—
Mooney, R. B., and Wentworth.
Wentworth, Philip C., Providence, R. I. Traveler. 2,390,018; Nov. 27.

Wentz, Edward C., Sharpsville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reactor construction. 2,374,059; Apr. 17.
Wentz, Jere L., Passaic, N. J. Exercising apparatus. 2,388,777; Nov. 13.
Wentz, William M., Carney's Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous piece goods processing machine. 2,369,696; Feb. 20.
Wenzel Projector Company: *See*—
Denton, Harry L., assignor.
Wenzelberger, Elwood P., Plainfield, assignor to Johnson & Johnson, New Brunswick, N. J. Segregated adhesive tape calender. 2,386,731; Oct. 9.
Wepplo, Isaac W., Minneapolis, Minn. Liquid fuel vaporizer. 2,373,867; Apr. 17.
Werden, Francis: *See*—
Werden, Henry J. and F.
Werden, Francis G.: *See*—
Werden, Henry J. and F. G.
Werden, Henry J., West St. Paul, and F. Werden, St. Paul, Minn., assignors to American Machine & Foundry Company. Wrapping machine. 2,366,888; Jan. 9.
Werden, Henry J. and F. G., St. Paul, Minn., assignors to American Machine & Foundry Company. Tucker adjusting mechanism. 2,367,160; Jan. 9.
Werder, John F., Chagrin Falls, Ohio. Liquid level gauge. 2,370,099; Feb. 20.
Werder, John F., Lakewood, assignor to The Lubri-Zol Development Corporation, Cleveland, Ohio. Preparing a lubricating composition. 2,372,414; Mar. 27.
Werkenthin, Theodore A.: *See*—
McGeary, F. M., and Werkenthin.
Werkenthin, Theodore A., Arlington, Va., and F. M. McGeary, Washington, D. C. Hose coupling. 2,369,697; Feb. 20.
Werling, George L., Bakersfield, Calif. Pipe and tubing gripper. 2,378,454; June 19.
Werner, Arthur W., Milwaukee, Wis. Box creasing and folding machine. 2,379,127; June 26.
Werner, Calvin J.: *See*—
Leland, R. W., and Werner.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Power transmitting device. 2,383,901; Aug. 28.
Werner, Ewald: *See*—
Gruender, O. C., and Werner.
Werner, Jesse, Brooklyn, N. Y., assignor to General Aniline & Film Corporation, New York, N. Y. Method and composition for delustering artificial silk. 2,390,975; Dec. 11.
Werner, Leo C.: *See*—
Cherry, S. J., and Werner.
Scullin, C. H., and Werner.
Werner, Leo C., Bloomfield, and W. A. Laning, Glen Ridge, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electron discharge device. 2,385,435; Sept. 25.
Werner, Mack M., Brooklyn, N. Y. Eyeshield. 2,389,223; Nov. 20.
Wernig, James H., assignor to General Motors Corporation, Detroit, Mich. Automobile door and body ornamentation. 2,383,575; Aug. 28.
Werntz, James H.: *See*—
Burke, W. J., and Werntz.
Salzberg, P. L., and Werntz.
Wershaw, Irving B., assignor to Dome Chemicals Incorporated, New York, N. Y. Therapeutic tablet. 2,371,862; Mar. 20.
Wertheimer, Joseph, Far Rockaway, N. Y. Salvaging device. 2,384,580; Sept. 11.
Wertheimer, Robert S.: *See*—
Cheney, W. C., and Wertheimer.
Wertman, David, and F. Warlick, Washington, D. C. Cradle operating cylinder. 2,382,457; Aug. 14.
Wertz, James E., Charlotte, N. C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine and operating the same. 2,376,216; May 15.
Wesely, Edwin F., Chevy Chase, Md., assignor to United States Hoffman Machinery Corporation, New York, N. Y. Sock and stocking drying machine. 2,370,432; Feb. 27.
Wesemeyer, Dietrich F. O., Euclid, assignor to Spiral Brushes, Incorporated, Cleveland, Ohio. Brush construction and mounting therefor. 2,379,205; June 26.
Wesley, Leo J., Roselle Park, N. J., assignor to Elastic Stop Nut Corporation of America. Lock nut and blank therefore. 2,378,609; June 19.
Wesley, Leo J., Roselle Park, N. J., assignor to Elastic Stop Nut Corporation of America. Lock nut and blank therefor. 2,378,610; June 19.
Wessborg, Eric S., Saginaw, Mich. Braille teaching device. 2,371,325; Mar. 13.
Wesseler, William J., et al.: *See*—
Hunsdorf, William P., assignor.
Wesselman, Albert, Cincinnati, Ohio. Partitioned bottle carrier. 2,375,056; May 1.
Wesselman, Albert, Cincinnati, Ohio. Bottle carrier. 2,390,020; Nov. 27.
Wessman, Walter G., Fairfield, Conn. Grinding machine. 2,389,224; Nov. 20.
Wesson, Alexander J., Spondon, near Derby, assignor to British Celanese Limited, London, England. Colouration of textile materials. 2,384,001; Sept. 4.
Wesson, Clarke D.: *See*—
Morgan, W., and Wesson.
Wesson, George W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work-supporting post for sewing machines. 2,367,813; Jan. 23.
West Bend Aluminum Co.: *See*—
Kissel, W. L., and Palmer, assignors.
West Bend Equipment Corporation: *See*—
Klumb, C. E., and Gruel, assignors.
West, Byron L.: *See*—
Crossley, M. L., and West.
West, Byron L., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Metallized azo triazoles. 2,390,480; Dec. 4.
West, De Witt H.: *See*—
Wallis, A. E., and West.
West, Edward E., Richmond, Va. Bag making, stringing, and tagging machine. Re. 22,596; Jan. 23.
West, Edward E., Richmond, Va. Stringing needles. 2,367,986; Jan. 23.
West, Edward E., Richmond, Va. Bag feeding, turning and delivering mechanism. 2,374,571; Apr. 24.
West, Edward E., Richmond, Va. Bag stringing machine. 2,374,572; Apr. 24.
West, Edward E., Richmond, Va. Bag stringing needle. 2,374,573; Apr. 24.
West, Frank S., Houston, Tex., assignor to The Texas Company, New York, N. Y. Distillate production. 2,388,102; Oct. 30.
West, George E.: *See*—
West, Maxwell A. and G. E.
West, George S., Lynwood, Calif. Pelt stretcher. 2,381,135; July 10.
West, Harry H., Philadelphia, Pa. Heater for extrusion nozzles. 2,367,451; Jan. 16.
West, Harry L., and A. R. Ogston, London, England, assignors to Intava Ltd., Westminster, London. Compositions for the prevention of the formation or accretion of ice on exposed surfaces. 2,373,727; Apr. 17.
West, Herbert J.: *See*—
Lynch, K. L., and West.
West, John W., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,383,925; Aug. 28.
West, Maxwell A., Portland, and G. E. West, Sherwood, assignors to Champion, Inc., Portland, Oreg. Screw driver bit. 2,366,682; Jan. 2.
West, Stanley W., Pinner, England, assignor to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. X-ray apparatus. 2,369,507; Feb. 13.
West Virginia Pulp and Paper Company: *See*—
Kress, O., Zeitlin, and Staman, assignors.
Obenshain, N., and Sively, assignors.
Williams, Herman J., assignor.
West, William C. H.: *See*—
Brammer, F. C., and West.
Westberg, Arthur H., Baldwin, N. Y., assignor to Republic Aviation Corporation. Aircraft structure (wing flap mechanism). 2,373,365; Apr. 10.
Westberg, Vernon C.: *See*—
Westberg, V. L., Nilson, and Westberg, V. C.
Westberg, Vivian L., A. N. Nilson, and V. C. Westberg, Chicago, Ill., assignors to J. R. Tapp and O. L. Rhoades, a copartnership doing business as Sun Manufacturing Co. Motor tester. 2,366,889; Jan. 9.
Westerberg, Edith A., New York, N. Y. Article of manufacture. 2,390,906; Dec. 11.
Westerkamp, Hugo, Koln-Poll, Germany; vested in the Alien Property Custodian. Synchronizing the pictures and the sound of independently arranged picture- and needle-sound-reproduction devices. 2,378,611; June 19.
Westerlin and Campbell Company: *See*—
Boyle, John, assignor.
Western Cartridge Company: *See*—
Catron, Russell M., assignor.
Clarkson, Ralph E., assignor.
Crockett, Harry L., assignor.
Humeston, Frederick L., assignor.
Roemer, William C., assignor.
Smith, John B., assignor.
Williams, David M., assignor.
Western Condensing Company: *See*—
Meade, R. E., Pollard, and Rodgers, assignors.
Western Electric Company, Incorporated: *See*—
Amidon, M., Lind, and Lindberg, assignors.
Amidon, M., and Thornton, assignors.
Anderson, D. G., and Fairfield, assignors.
Baker, Burton E., assignor.
Bandur, Adolph F., assignor.
Bandur, Adolph F., Dillinger, and Ogden, assignors.
Barrans, W. T., and Bayor, assignors.
Barrans, W. T., and Martin, assignors.
Bertalan, Edward, assignor.
Bertalan, E., and Rice, assignors.
Blaisdell, Charles O., assignor.
Blount, H., and Coldehoff, assignors.
Blount, H., and Lundeen, assignors.
Bouget, Yves A., assignor.
Brooks, Percy E., assignor.
Brooks, Robert E., assignor.
Brown, George R., assignor.
Brown, M., and Harr, assignors.

Western Electric Company, Incorporated: *See*—Continued
Brunner, Anton J., assignor.
Bugler, A. G., and Heath, assignors.
Burbank, W. E., and Mitchell, assignors.
Cahill, Harold G., assignor.
Cherry, G. L., and Veale, assignors.
Clemons, Dale R., assignor.
Corderman, Roy C., assignor.
Cox, Thomas K., assignor.
Crist, P .W., and Johansson, assignors.
Decker, J. A., and Wilkes, assignors.
De Roche, D. R., and Jones, assignors.
Dowd, Archie J., assignor.
Drobish, Adolph E., assignor.
Drobish, A. E., and Kay, assignors.
Duclos, Aeneas J. N., assignor.
Edelman, B., and Pizzi, assignors.
Eppler, Walter T., assignor.
Ewaldson, Waldemar C., assignor.
Frank, George H., assignor.
Frank, G. H., and Trebes, assignors.
Frankwich, Alexander C., assignor.
Franz, Erwin E., assignor.
Fruth, Hal F., assignor.
Fruth, H. F., Haas, and Walters, assignors.
Gage, Edwin B., assignor.
Gillis, R., and Morsing, assignors.
Gold, Louis, assignor.
Gove, O. N., and Miller, assignors.
Haase, Carl O., assignor.
Hackbarth, Carl J., assignor.
Heath, H. P., and Weston, assignors.
Hill, Marvin L., assignor.
Hoff, Wilbur L., assignor.
Howerton, David R., assignor.
Hroch, James C., Jr., assignor.
Husson, Harry L., and Pollard, assignors.
Jarman, Vincent G., assignor.
Jarvis, A. E., and Keller, assignors.
Jespersen, Helgo W., assignor.
Johnstone, Harold G.
Jongedyk, Ralph, assignor.
Kane, John T., assignor.
Kivley, R. C., and Pearson, assignors.
Kling, R. B., and Seeley, assignors.
Krogel, Christopher J., assignor.
Lahr, Thomas M., assignor.
Larsen, Einer W., assignor.
Lerch, Brooke W., assignor.
Loney, William W., assignor.
Longfellow, Harold R., assignor.
Lundeen, Carl V., assignor.
Lutz, Raymond P., assignor.
MacPheat, A. M., Moon, and Sirp, assignors.
Malhiot, Eugene L., assignor.
Manderfeld, Emanuel C., assignor.
Martin, Samuel M., assignor.
Martin, S. M., and Nelson, assignors.
Martin, Victor S., assignor.
Martindell, Frank, assignor.
McCain, Cecil C., assignor.
McGuinness, Edward J., assignor.
Meilstrup, Emil E., assignor.
Merrick, De Witt D., assignor.
Merwin, Harry H., assignor.
Mitchell, Donald H., assignor.
Mitchell, D. H., and Pollard, assignors.
Morison, James C., assignor.
Muller, John T., assignor.
Olney, Nathaniel M., assignor.
Pash, Robert, assignor.
Powell, Raymond E., assignor.
Rasmussen, Clarence R., assignor.
Rayburn, Vincent A., assignor.
Reichelt, Lester O., assignor.
Robinson, John A., assignor.
Rollings, James N., assignor.
Rott, Frank R., assignor.
Russell, Alexander G., assignor.
Schenk, Everett M., assignor.
Schultz, Frank A., assignor.
Scrantom, De Hart G., assignor.
Selvig, John N., assignor.
Shaw, Everett J., assignor.
Sherman, Russel J., assignor
Shield, John, assignor.
Siebs, Claude T., assignor.
Simmons, Glen R. and H. A., assignors.
Sirp, Emil, assignor.
Sirp, E., and Stull, assignors.
Smith, Bruce M., assignor.
Smith, Charles C., assignor.
Sokolowsky, Charles T., assignor.
Spillman, Gordon C., assignor.
Stastney, Ladislav, assignor.
Stover, Clyde N., assignor.
Stuhlfauth, George, assignor.
Stull, John S., assignor.
Svikhart, Miles L., assignor.
Swickard, A. E., assignor.
Teichner, Rudolph R., assignor.
Western Electric Company, Incorporated: *See*—Continued
Thielker, Henry J., assignor.
Thornton, Harry E., assignor.
Wagner, Julius A., assignor.
Warner, Stanley F., assignor.
Waters, Daniel V., assignor.
Wennerberg, August, assignor.
Western Gear Works: *See*—
Jenkins, Willis W., assignor.
Western Laundry Machinery Company: *See*—
Manley, William O., assignor.
Western Machinery Company: *See*—
Bousman, Samuel I., assignor.
Western Plastics, Incorporated: *See*—
Waring, Eugene H., assignor.
Western Precipitation Corporation: *See*—
Bowman, David W., assignor.
Chittum, Joseph F., assignor.
Pootjes, Peter, assignor.
Western Precipitation Corporation, et al.: *See*—
White, Harry J., assignor.
Western Products Company, Inc.: *See*—
McMechan, Maurice H., assignor.
Western Products, Incorporated: *See*—
Foster, Norman M., assignor.
Western Railroad Supply Company: *See*—
Jefferson, G. V., and Gillespie, assignors.
Western States Machine Company, The: *See*—
Hertrich, Joseph, assignor.
Roberts, Eugene, assignor.
Western Union Telegraph Company, The: *See*—
Currie, F. L., and Stearns, assignors.
Demonet, E. A., and Blanton, assignors.
Dirkes, R. F., Long, Melick, and Hewitt, assignors.
Kline, Bernard L., assignor.
Kline, B. L., and Mobius, assignors.
Milnor, Joseph W., assignor.
Nelson, D. H., and Buckingham, assignors.
Ridings, G. H., and Currie, assignors.
Ridings, G. H., and Wise, assignors.
Steeneck, Robert, assignor.
Taylor, Roland C., assignor.
Wise, Raleigh J., assignor.
Wyss, Clement H., Jr., assignor.
Westervelt, Nelson H., Yeadon, Pa., assignor to General Electric Company. Switch operating mechanism. 2,378,270; June 12.
Westervelt, William J., Los Angeles, Calif. Hydraulic punch. 2,374,400; Apr. 24.
Westfall, Robert W., Rosco, assignor of fifty-one per cent to B. P. Willis, Arcadia, Calif. Tagline device. 2,367,912; Jan. 23.
Westfall, Robert W., Yermo, Calif. Barrel tongs. 2,377,845; June 5.
Westin, Axel: *See*—
Westin, S. and A.
Westin, Charles J.: *See*—
Flosdorf, E. W., Westin, and Stokes.
Westin, Sven, West Allis, assignor to A. O. Smith Corporation, Milwaukee, Wis. Method and apparatus for electrically forming pipe. 2,374,794; May 1.
Westin, Sven, West Allis, and A. Westin, assignors to A. O. Smith Corporation, Milwaukee, Wis. Electric pipe forming. 2,371,090; Mar. 6.
Westinghouse Air Brake Company, The: *See*—
Bent, Arthur J., assignor.
Bush, Rankin J., assignor.
Canetta, John, assignor.
Canetta, J., and Hammer, assignors.
Cook, Earle S., assignor.
Crittenden, Philip L., assignor.
Down, Sidney G., assignor.
Down, S. G., and Farmer, assignors.
Farmer, Clyde C., assignor.
Glass, William H., assignor.
Good, John N., assignor.
Hewitt, Ellis E., assignor.
Hines, Claude M., assignor.
Kelley, Cecil S., assignor.
Larson, A. G., and Kelley, assignors.
May, Harry C., assignor.
McClure, Glenn T., assignor.
Miller, Raymond E., assignor.
Mitchell, R. A., and Hines, assignors.
Newell, George K., assignor.
Oliver, Robert M., assignor.
Rush, John W., assignor.
Sekera, Charles J., assignor.
Stevens, Roy R., assignor.
Stewart, Carlton D., assignor.
Tramblie, Harry I., assignor.
Whitney, Ralph T., assignor.
Westinghouse Electric Corporation: *See*—
Alben, Frank L., assignor.
Alben, F. L., and Langer, assignor.
Anderson, Waldemar E., assignor.
Armstrong, George C., assignor.
Arnold, Edwin E., assignor.
Askey, John S., assignor.
Austin, Bascum O., assignor.
Auxier, R. W., and Weltman, assignors.
Baker, B. P., and Cunningham, assignors.
Baker, R. M., Frostick, and Whittaker, assignors.
Barnsteiner, A., assignor.

Westinghouse Electric Corporation: *See*—Continued
Bastian, Arthur J., assignor.
Bell, Maurice E., assignor.
Berkey, W. E., and Lamphere, assignors.
Blackburn, Philip W., assignor.
Blackburn, Wayne E., assignor.
Blankenbuehler, John H., assignor.
Boden, S. H., and Peek, assignors.
Bonine, Ralph O., assignor.
Booth, James D., assignor.
Brecht, W. A., and Alben, assignors.
Brown, Myron J., assignor.
Burgwin, Stephen L., assignor.
Burgwin, S. L., Mahoney, and Bichsel, assignors.
Chapman, Stuart H., assignor.
Cherry, S. J., and Werner, assignors.
Christ, Joseph G., assignor.
Clark, Earl K., assignor.
Cole, Donald P., assignor.
Cook, Shirley S., assignor.
Cook, Willard G., assignor.
Coyle, George E., Jr., assignor.
Cumming, J. M., and Peek, assignors.
Dailey, Hampton J., assignor.
Davis, Frederick R. J., assignor.
Derr, Willard A., assignor.
Dorfman, Hiller D., assignor.
Dorfman, Leo O., assignor.
Dudley, Adolphus M., assignor.
Eberhart, Arthur H., assignor.
Ellis, D., and Taylor, assignors.
Ellis, Harold E., assignor.
Enz, Vern E., assignor.
Eunson, W. H., and Graybrook, assignors.
Farmer, Frank H., assignor.
Faust, E. H., and Hollstein, assignors.
Fischer, Eugene H., assignor.
Franck, Clarence C., assignor.
French, Ralph T., assignor.
Fritz, Dwain E., assignor.
Frostick, H. G., and Sollie, assignors.
Geiselman, Ralph A., assignor.
Goldsborough, Shirley L., assignor.
Goldsborough, S. L., and Mehring, assignors.
Gottlieb, Manious, assignor.
Graybrook, Herbert W., assignor.
Green, James H., assignor.
Gregory, L. W., and Schneider, assignors.
Griscom, S. B., and Pierce, assignors.
Grover, Elliott E., assignor.
Hall, Erik H., assignor.
Hanna, Clinton R., assignor.
Hanna, C. R., Mikina, and Lynn, assignors.
Hanna, C. R., and Osbon, assignors.
Hanna, Raymond P., assignor.
Hanna, R. P., Atkinson, and Brahmer, assignors.
Hansen, Elmer K., assignor.
Hanson, Harold F., assignor.
Harder, Edwin L., assignor.
Harding, W. R., and Hanville, assignors.
Harding, W. R., and Opel, assignors.
Harris, Walter R., assignor.
Haverstick, Samuel A., assignor.
Heilman, Joseph R., assignor.
Hein, Carl C., assignor.
Hibbard, Lloyd J., assignor.
Hoard, Bert V., assignor.
Hoover, Dillon B., assignor.
Hutcheson, John A., assignor.
Immel, R. B., and Kintzing, assignors.
Immel, R. B., and Pierce, assignors.
Immel, R. B., and Slamar, assignors.
Ivy, Joe G., assignor.
Jennings, Oliver S., assignor.
Jernstedt, George W., assignor.
Kalischer, Philip R., assignor.
Kerr, Charles, Jr., assignor.
Kessler, Wilbur, assignor.
Kovalsky, Joseph F., assignor.
Kraut, Samuel B., assignor.
Landon, Kenneth L., assignor.
Langer, Bernard F., assignor.
Leeds, W. M., and Baker, assignors.
Lessmann, Gerhard P., assignor.
Linsenmeyer, J. Z., and Poole, assignors.
Lippart, John, assignor.
Ludwig, L. R., and Bergvall, assignors.
Lyle, Frederick W., assignor.
Lynn, Clarence, assignor.
Lynn, Lawrence B., assignor.
MacNeill, J. B., Peterson, and Parker, assignors.
Madsen, Carl J., assignor.
Mahnke, Kurt, assignor.
Marcy, Gerald P., assignor.
Mars, Nick, assignor.
May, John W., assignor.
May, J. W., Stuellein, and Horn, assignors.
McClellan, Cyril E., assignor.
McClov, Graham S., assignor.
McCulloch, Leon, assignor.
McLean, John A., Jr., assignor.
Mehring, Arthur C., assignor.
Mehring, A. C., and Goldsborough, assignors.
Merryman, J. A., and Wharff, assignors.

Westinghouse Electric Corporation: *See*—Continued
Miller, Ernest F., assignor.
Mitchell, Stanley J., assignor.
Morton, Eldred O., assignor.
Mosshart, Donald J., assignor.
Mulheim, Joseph E., assignor.
Oplinger, Kirk A., assignor.
Pankow, Edmund G., assignor.
Parsons, John S., assignor.
Pearson, R. W., and Poole, assignors.
Peck, Clarence E., assignor.
Peek, Henry L., assignor.
Peek, H. L., and Cumming, assignors.
Pegg, E. H., and Cummings, assignors.
Penney, G. W., and Nielsen, assignors.
Pentheny, George W., assignor.
Petzinger, Ambrose J., assignor.
Pierce, Lawrence, assignor.
Ponomareff, Alexander I., assignor.
Powell, Edward U., assignor.
Putman, Henry V., assignor.
Putman, H. V., and Hodnette, assignors.
Rennie, Robert F., assignor.
Richards, Glenn G., assignor.
Rose, H. A., and Cox, assignors.
Rugg, Harold H., assignor.
Rutan, Earl F., assignor.
Ryan, Alden H., assignor.
Saler, Jules N., assignor.
Sauer, Louis E., assignor.
Schaelchlin, W., and Hornbarger, assignors
Schmidt, Henry F., assignor.
Schneider, S. S., and Gregory, assignors.
Schultz, A. F., and Mosshart, assignors.
Schwendner, Anthony F., assignor.
Scott, Howard, and Kalischer, assignors.
Shields, Arthur L., assignor.
Smith, Clyde E., assignor.
Smith, C. E., and Stadum, assignors.
Snyder, Frederick D., assignor.
Sonnemann, William K., assignor.
Sonnemann, W. K., Mehring, and Goldsborough, assignors.
Stallmann, Frederick W., assignor.
Stewart, Nelson H., assignor.
Stone, Earll R., assignor.
Taliaferro, William R., assignor.
Tamer, Elo C., assignor.
Tanner, Elo C., assignor.
Tawney, Gereld L., assignor.
Taylor, Charles H., assignor.
Taylor, Frank W., assignor.
Thomander, Veron S., assignor.
Tobey, R. E., assignor.
Vassar, Hervey P., assignor.
Vore, Milton P., assignor.
Wagner, R. H., and Mueller, assignors.
Wahl, Arthur M., assignor.
Watrous, Ward W., Jr., assignor.
Webb, H. J., and Saunders, assignors.
Weltman, William C., assignor.
Werner, L. C., and Laning, assignors.
Whittaker, Charles C., assignor.
Wickerham, William R., assignor.
Woodman, K. L., and Morton, assignors.
Young, D. A., and Thomander, assignors.
Yungman, Elroy W., assignor.
Weisglass, Louis L., assignor.
Wheeler, Floyd S., assignor.

Westinghouse Electric Elevator Company: *See*—
Williams, H. W., Mount, and Nelson, assignors.

Westinghouse Electric & Manufacturing Company: *See*—
Allen, Harold P., assignor.
Appleman, Theodore C., assignor.
Armstrong, George C., assignor.
Arnott, Edward G. F., assignor.
Auxier, Robert W., assignor.
Barker, H. H., and Hill, assignors.
Baston, Cyril E., assignor.
Baston, C. E., and Hibbard, assignors.
Baylis, Albert H., assignor.
Blackburn, J. L., and Chapman, assignors.
Bock, Ashley P., assignor.
Booth, James D., assignor.
Bostwick, Myron A., assignor.
Bouton, E. M., and Santini, assignors.
Boyd, John, assignor.
Boykin, John R., assignor.
Brecht, Winston A., assignor.
Briggs, Maynard R., assignor.
Brown, Myron J., assignor.
Buchanan, Royal S., assignor.
Burgwin, Stephen L., assignor.
Bush, H. F., and Hitchcock, assignors.
Chapman, J. F., and Riesz, assignors.
Chapman, Stuart H., assignor.
Chapman, S. H., and Schultz, assignors.
Chubb, Lewis W., assignor.
Clark, Earl K., assignor.
Clark, E. K., and Heilman, assignors.
Criner, Harry E., assignor.
Denault, Clinton L., assignor.
Derr, Willard A., assignor.
Dyer, Lloyd W., assignor.

Westinghouse Electric & Manufacturing Company: *See*—Continued
Dyer, L. W., and Dorfman, assignors.
Eisinger, Rudolph J., assignor.
Elsey, Howard M., assignor.
Ely, James K., assignor.
Esarey, Raymond W., assignor.
Exner, Donald W., assignor.
Faulk, Donald P., assignor.
Felver, R. I., and Parr, assignors.
Ferguson, John P., assignor.
Finzi, Leo A., assignor.
Flanders, Warren B., assignor.
Forbes, Allan D., assignor.
Ford, James G., assignor.
Foresman, Robert A., assignor.
Foresman, R. A., Mosshart, and Schultz, assignors.
Formhals, William H., assignor.
Fountain, Lawrence L., assignor.
Fountain, L. L., and Klemmer, assignors.
Funaroff, Urie, assignor.
Gates, Henry S., assignor.
Gilbert-Carter, John C., assignor.
Godsey, Frank W., Jr., assignor.
Goldsborough, Shirley L., assignor.
Gottlieb, Manious, assignor.
Gregory, Royal J., assignor.
Gulliksen, Finn H., assignor.
Gustin, D. S., and Mullan, assignors.
Hagg, A. C., and Boyd, assignors.
Hall, Russell M., assignor.
Hanna, Clinton R., assignor.
Hanna, C. R., Mikina, and Lynn, assignors.
Hanna, R. P., and Brahmer, assignors.
Harding, W. R., and Hanville, Jr., assignors.
Harris, Walter R., assignor.
Hein, Carl C., assignor.
Hein, C. C., and Stevenhagen, assignors.
Henry, Donald E., assignor.
Hopkinson, O. W., Jr., and Tully, assignors.
Hurst, Robert O., assignor.
Iglehart, Ferdinand C., assignor.
Iglehart, F. C., and Immel, assignors.
Iglehart, F. C., and Ullrich, assignors.
Jenks, Harold C., assignor.
Johnson, Floyd D., assignor.
Kaercher, Edwin B., assignor.
Kalischer, Milton, assignor.
Keto, August I., assignor.
Keyes, John J., assignor.
Kilgore, Lee A., assignor.
King, George E., assignor.
Kovalsky, Joseph F., assignor.
Krasik, Sidney, assignor.
Langer, Alois, assignor.
Langford, Thomas W., assignor.
Leape, Charles B., assignor.
Leape, C. B., and Haywood, assignors.
Lee, Paul R., assignor.
Leeds, Winthrop M., assignor.
Leeds, W. M., and Baker, assignors.
Lenehan, Bernard E., assignor.
Leonard, Merrill G., assignor.
Lessmann, G. P., and Tubbs, assignors.
Lindstrom, T., and May, assignors.
Lingal, Harry J., assignor.
Lockwood, E. H., and Lown, assignors.
Lum, J. C., and Keating, assignors.
Mabry, Forrest S., assignor.
Madsen, Carl J., assignor.
Mahnke, Kurt, assignor.
Marbury, Ralph E., assignor.
Marcy, Gerald P., assignor.
Marden, John W., assignor.
Marden, J. W., and Meister, assignors.
Maslin, Albert, assignor.
McCloy, Graham S., assignor.
McCulloch, Leon, assignor.
McLennan, Alexander, assignor.
Meyer, Frank A., assignor.
Mierley, G. M., assignor.
Mikina, Stanley J., assignor.
Miller, Ernest F., assignor.
Monori, Emil, assignor.
Morton, Eldred O., assignor.
Mouromtseff, I. E., and Dinnick, assignors.
Myers, Henry C., assignor.
Nagel, George W., assignor.
Newton, John S., assignor.
Newton, J. S., and Arnold, assignors.
Nicholas, Andrew J., assignor.
Parr, Bernard F., assignor.
Pennow, Willis A., assignor.
Perry, E. R., and Guhl, assignors.
Poole, Lloyd C., assignor.
Rathbun, J. P., and Nelson, assignors.
Ratz, Elmer G., assignor.
Rawlins, H. L., and Wallace, assignors.
Reifenberg, Joseph H., assignor.
Rively, Clair M., assignor.
Roman, Walter G., assignor.
Romanelli, E., and Sutter, assignors.
Rose, Herbert A., assignor.
Westinghouse Electric & Manufacturing Company: *See*—Continued
Rubel, Max J., assignor.
Rushing, Frank C., assignor.
Russell, Ralston, Jr., assignor.
Schaelchlin, W., and Frisch, assignors.
Scullin, C. H., and Werner, assignors.
Slepian, Joseph, assignor.
Slepian, J., and Berkey, assignors.
Smith, Benjamin H., assignor.
Smith, Clyde E., assignor.
Sonnemann, William K., assignor.
Steeb, George, assignor.
Steinert, Emil F., assignor.
Sterrett, Charles C., assignor.
Strom, Albert P., assignor.
Sutherland, Ernest E., assignor.
Taylor, Charles H., assignor.
Thomander, Veron S., assignor.
Tobey, Raymond E., assignor.
Travers, H. A., and Peterson, assignors.
Troy, Walter C., assignor.
Valentine, Carroll E., assignor.
Van Sickle, Roswell C., assignor.
Veinott, Cyril G., assignor.
Walley, Omar C., assignor.
Watrous, Ward W., Jr., assignor.
Watson, Earl C., assignor.
Webb, H. J., Baker, and Wahl, assignors.
Welch, Philip J., assignor.
Wentz, Edward C., assignor.
Weybrew, Thelbert L., assignor.
White, Alfred B., assignor.
White, A. B., and Jennings, assignors.
Whitmore, J. B., Makenny, and Newcombe, assignors.
Whittaker, Charles C., assignor.
Whittaker, C. C., and Graham, assignors.
Wilcox, H. M., Baker, and Webb, assignors.
Williams, H. W., Santini, and Mount, assignors.
Winchester, Amos J., Jr., assignor.
Woodman, Kenneth L., assignor.
Yoxsimer, Orland H., assignor.
Westlake, Albert, assignor of one-half to M. A. Westlake, New York, N. Y., and one-half to M. C. Reed, Danbury, Conn. Holding cooking utensils on galley ranges. 2,379,206; June 26.
Westlake, Edward B., Jr., Upper Darby, Pa. Hydrometer. 2,384,664; Sept. 11.
Westlake, Mary A., et al.: *See*—Westlake, Albert, assignor.
Westling, Carl J., West Orange, N. J., assignor to Minerals and Metals Corporation, New York, N. Y. Metallurgical apparatus. 2,391,496; Dec. 25.
Westman, August A., Carnation, Wash. Wire cutter. 2,368,906; Feb. 6.
Westman, Bror O., Hudiksvall, Sweden. Machine for finishing the runner face of skis. 2,384,777; Sept. 11.
Weston, Alexander S., New York, N. Y. Wind resisting lighter. 2,372,238; Mar. 27.
Weston Electrical Instrument Corporation: *See*—Fogle, Marlin E., assignor.
Lamb, Anthony H., assignor.
Lamb, Francis X., assignor.
Lederer, Karl M., assignor.
Morelock, Oliver J., assignor.
Weston, Herbert, New York, N. Y.; vested in the Alien Property Custodian. Accounting and filing system. 2,374,965: May 1.
Weston, Herbert, New York, N. Y.; vested in the Alien Property Custodian. Accounting and filing system. 2,385,593: Sept. 25.
Weston, Keith A.: *See*—Heath, H. P., and Weston.
Westphal, Kurt: *See*—Andersag, H., and Westphal.
Westphal, Otto: *See*—Kuhn, R., and Westphal.
Westrate, John M., Grand Rapids, Mich. Jack. 2,367,633; Jan. 16.
Westrope, Frederick J., Pleasant Ridge, Mich., assignor, by mesne assignments, to F. L. Jacobs Co. Folding top operating mechanism. 2,376,949; May 29.
Westvaco Chlorine Products Corporation: *See*—Nichols, William T., assignor.
Petering, W. H., and Aitchison, assignors.
Westveer, Peter, Kalamazoo, Mich. Building construction. 2,372,038; Mar. 20.
West Virginia Pulp and Paper Company: *See*—Haywood, G., and Welton, assignors.
Pollak, A., and Willingham, assignors.
Wetherbee, Burt W., assignor to Globe Woven Belting Co., Buffalo, N. Y. Manufacturing endless power-transmission belts. 2,386,761; Oct. 16.
Wetherbee, Charles F., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Dilatometer. 2,380,565; July 31.
Wetherby-Williams, Arthur V., New York, assignor to Walker-Wallace, Incorporated, Buffalo, N. Y. Heat exchanger. 2,379,671: July 3.
Wetherby-Williams, Arthur V., New York, assignor to Walker-Wallace, Incorporated, Buffalo, N. Y. Making heat exchangers. 2,380,002; July 10.

Wetherell, Luther C., Hot Springs, Ark. Removable strainer for radiator circulating systems. 2,384,057; Sept. 4.
Wetherill, Lynn: *See*—
Terpak, S., and Wetherill.
Wethly, Frans, Manhasset, assignor to Fuel Refining Corporation, New York, N. Y. Treatment of acid-tar. 2,370,277; Feb. 27.
Wethly, Frans, Manhasset, N. Y., assignor to Fuel Refining Corporation, Dover, Del. Apparatus for the production of sulphate of ammonia. 2,387,818; Oct. 30.
Wetmore, Earnest M., Tonkawa, Okla. Screen for hammer type feed grinders. 2,386,021; Oct. 2.
Wetmore Reamer Company: *See*—
Clements, Willard J., assignor.
Wetsel, Carlton: *See*—
Smith, E. L., and Wetsel.
Wettstein, Albert: *See*—
Miescher, K., and Wettstein.
Ruzicka, L., and Wettstein.
Wetzel, Fred H., Port Huron, Mich., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Shielded ignition lead. 2,389,705; Nov. 27.
Wexel, Harold A., and A. H. MacLaren, assignors to Corning Glass Works, Corning, N. Y. Apparatus for shaping glass articles. 2,377,534; June 5.
Weyandt, Carl S., Homer City, Pa. Electromagnetic vibrator. 2,380,622; July 31.
Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay contact members. 2,372,144; Mar. 20.
Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,372,145; Mar. 20.
Weybrew, Thelbert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,374,060; Apr. 17.
Weyenberg, Henry, assignor to Holland Furnace Company, Holland, Mich. Humidifier. 2,368,057; Jan. 23.
Weyenberg, Henry, assignor to Holland Furnace Company, Holland, Mich. Heating furnace. 2,383,431; Aug. 21.
Weyer, Henry A., assignor to Chambersburg Engineering Company, Chambersburg, Pa. Drop hammer frame construction. 2,386,155; Oct. 2.
Weyerts, Walter J.: *See*—
Minsk, L. M., Weyerts, and McDowell.
Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide emulsions. 2,367,549; Jan. 16.
Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Chemical sensitizing of emulsions. 2,380,280; July 10.
Weygers, Alexander G., Oakland, Calif. Discopter. 2,377,835; June 5.
Weyl, Woldemar A., State College, Pa., assignor to American Optical Company, Southbridge, Mass. Removal of iron from ceramic raw materials. 2,388,302; Nov. 6.
Weynand, Paul, San Antonio, Tex. Valve seat grinding tool. 2,387,787; Oct. 30.
Whaley, Thomas H.: *See*—
Wolk, I. L., and Whaley.
Whaley, Thomas H., Jr.: *See*—
Katz, D. L., and Whaley.
Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for control of vapor pressure. 2,378,116; June 12.
Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of aluminum halide catalysts. 2,386,524; Oct. 9.
Whaley, Thomas H., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for controlling vaporization. 2,389,244; Nov. 20.
Whaley, Thomas H., Bartlesville, Okla., assignor to Phillips Petroleum Company. High pressure separation process. 2,391,607; Dec. 25.
Whann, Jesse P., Los Angeles, Calif. Vegetable cutter. 2,376,408; May 22.
Wharff, Edward M., Jr.: *See*—
Merryman, J. A., and Wharff.
Wharff, Prentice C., Berkeley, Calif. Indicator and detector for fire extinguishers. 2,378,345; June 12.
Whatley, Hubert E., Cricklewood, London, England, assignor to S. Smith & Sons (England) Limited. Gyroscope. 2,368,058; Jan .23.
Whatley, Wilson W., II, Dallas, Tex., assignor to F. Phenix, Lafayette, La. Retrievable squeezing tool for walls. 2,379,558; July 3.
Wheatley, Edward W.: *See*—
Moncrieff, R. W., and Wheatley.
Wheatley, Frank, Sr., Tulsa, Okla. Fluid pump 2,367,452; Jan. 16.
Wheatley, Frank, Sr., Tulsa, Okla. Plug valve. 2,372,869; Apr. 3.
Wheatley, Thomas, Houston, Tex. River weight. 2,373,439; Apr. 10.
Wheatly, Edward W.: *See*—
Moncrieff, R. W., and Wheatley.
Wheaton Brass Works: *See*—
Krone, H. C., and Meyer, assignors.
Wheaton, Frank H., Jr., Millville, N. J. Double-mouthed bottle. 2,383,098; Aug. 21.
Wheelco Instruments Company: *See*—
Cohen, Theodore A., assignor.
Longini, Richard L., assignor.
Wheeler, Benjamin F.: *See*—
Roberds, W. M., and Wheeler.
Wheeler, Byrhl F., Balston Spa, N. Y., assignor of fourteen percent to J. Vigneault, and twenty-six percent to M. Lacombe, Montreal, Quebec, Canada. Heating element. 2,371,275; Mar. 13.
Wheeler, Charles M., Lynn, Mass., assignor to General Electric Company. Electric apparatus. 2,380,813; July 31.
Wheeler, Delbert, Sioux Falls, S. Dak. Grading machine. 2,386,579; Oct. 9.
Wheeler, Donald H.: *See*—
Smith, A. K., Max, and Wheeler.
Wheeler, Floyd S., Arlington, Va., assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrical circuit protective device. 2,390,819; Dec. 11.
Wheeler, Harry N., and T. E., Birmingham, Ala. Drain board. 2,367,321; Jan. 16.
Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Company. Transfer mechanism for cigar machines. 2,367,913; Jan. 23.
Wheeler, Henry H., Bellerose, N. Y., assignor to International Cigar Machinery Company. Cigar machine reroller mechanism. 2,378,166; June 12.
Wheeler, Herbert P., Springfield, Mo. Ventilating apparatus for toilet hoppers. 2,380,891; July 31.
Wheeler Insulated Wire Company, Incorporated: *See*—
Slepian, Arthur, assignor.
Wheeler, James H., Milwaukee, Wis. Dispenser. 2,374,633; Apr. 24.
Wheeler, John D., Vancouver, Wash. Crutch. 2,388,778; Nov. 13.
Wheeler, John N., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. Read-out device with rounding off control means incorporated. 2,366,890; Jan. 9.
Wheeler, John N., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,388,354; Nov. 6.
Wheeler, Leonard A.: *See*—
Panushka, J. B., and Wheeler.
Wheeler, Tillman E.: *See*—
Wheeler, Harry N. and T. E.
Wheeler, Vaughn V.: *See*—
Remark, I. J., and Wheeler.
Wheeler, William N., Paris, Ky. Toy vehicle. 2,373,986; Apr. 17.
Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Control circuit for telephone extension signals and the like. 2,377,059; May 29.
Wheelon, Orville A.: *See*—
Burton, E. F., Adams, and Wheelon.
Wheelwright, John S., Tonbridge, England. Kite apparatus. 2,386,762; Oct. 16.
Wheildon, William M., Jr., Framingham, assignor to Norton Company, Worcester, Mass. Reinforced abrasive article mounted on a backing plate. 2,378,271; June 12.
Whelan, Francis T.: *See*—
Moore, H. S., and Whelan.
Whelan, William B., Chicago, Ill. Rotary electrical apparatus. 2,388,889; Nov. 13.
Wheller, Harry S., Elizabeth, N. J., assignor to L. J. Wing Mfg. Co., New York, N. Y. Heating means. 2,390,630; Dec. 11.
Whempner, Russell H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,367,162; Jan. 9.
Whempner, Russell H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Supervisory system and perceptive indicator therefor. 2,389,476; Nov. 20.
Whetstone, S. D.: *See*—
Eger, John, assignor.
Whewell, Robert, New Bedford, Mass., and A. Bauer, Jr., Garden City, N. Y., assignors, by mesne assignments, to United Merchants & Manufacturers, Inc., Wilmington, Del. Woven fabric and producing same. 2,367,744; Jan. 23.
Whipple, Leon V., and J. D. Wells, Floral Park, N. Y., assignors to American Machine and Foundry Company. Wrapping machine. 2,374,148; Apr. 17.
Whipple, Leon V., Floral Park, and S. W. Pollock, Brooklyn, N. Y., assignors to American Machine and Foundry Company. Package sealing strip applying mechanism. 2,385,751; Sept. 25.
Whipple, Willis A., assignor to Chicago Eye Shield Company, Chicago, Ill. Eyeglasses. 2,380,281; July 10.
Whipple, Willis A., and R. L. Malcom, Chicago, Ill., assignors to Chicago Eye Shield Company. Protective eyepiece. 2,378,887; June 19.
Whipple, Willis Z., assignor to Chicago Eye Shield Company, Chicago, Ill. Respirator locking means. 2,382,592; Aug. 14.
Whisner, Harry L.: *See*—
Wensel, P., Whisner, and Rugh.
Whistler, L. V.: *See*—
Jackson, Arthur C., assignor.

Whistler, Lawrence V. and S. A., Kenmore, N. Y. Punch and die mechanism. 2,371,565; Mar. 13.
Whistler, Lawrence V. and S. A., Kenmore, N. Y. Punch and die assembly. 2,386,920; Oct. 16.
Whistler, Sanford A.: *See*—
Whistler, Lawrence V. and S A
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Adjusting mechanism for dual brakes. 2,366,946; Jan. 9.
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,380,814; July 31.
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe adjusting means. 2,380,815; July 31.
Whitacre, Clarence J., assignor to Wagner Electric Corporation, St. Louis, Mo. Dual brake. 2,382,927; Aug. 14.
Whitacre, Harold L., Flint, Mich. Bottle carrier. 2,372,871; Apr. 3.
Whitaker, James N., West Englewood, N. J., assignor to The Hammarlund Manufacturing Company, Incorporated, New York, N. Y. Radio-frequency transmitter. 2,388,233; Oct. 30.
Whitaker, Laurence E.: *See*—
Steffens, W. L., and Whitaker.
Whitaker, Laurence E., Wyoming, Ohio, assignor to The Philip Carey Manufacturing Company. Air conduit. 2,378,272; June 12.
Whitaker, Milton C.: *See*—
Ericks, W. P., and Whitaker.
Whitaker, Randall, R. P. Myers, and R. E. Homberger, assignors to Sealtest, Inc., Baltimore, Md. Manufacture of evaporated milk. 2,372,239; Mar. 27.
Whitaker, Randall, R. P. Myers, and R. E. Homberger, assignors to Sealtest, Inc., Baltimore, Md. Sterilization of evaporated milk in glass containers. 2,388,103; Oct. 30.
Whitaker, Reuben A., Gloversville, N. Y. Glove. 2,372,697; Apr. 3.
Whitcomb, Arthur J., assignor to Freyn Engineering Company, Chicago, Ill. Temperature control means. 2,370,897; Mar. 6.
White, Addison H.: *See*—
Biggs, B. S., White, and Yager.
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding electrode. 2,370,100; Feb. 20.
White, Alfred B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding system. 2,372,146; Mar. 20.
White, Alfred B., and C. H. Jennings, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistance welding. 2,372,147; Mar. 20.
White, Ben E.: *See*—
Calvert, W. R., and White.
White, Blanche B.: *See*—
Seymour, G. W., and White.
White Cap Company: *See*—
Davies, Lynn E., assignor.
White, Charles H., assignor to Deere & Company, Moline, Ill. Fertilizer distributor. 2,369,508; Feb. 13.
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,376,464; May 22
White, Charles H., assignor to Commer Cars Limited, Luton, England. Brake mechanism. 2,382,192; Aug. 14.
White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,385,668; Sept. 25.
White, Charles S.: *See*—
Kline, J. E., and White.
White, Claron N.: *See*—
Gaynor, J. W., White, and Watson.
White, Clifford B., and C. H. Lindsay, assignors to American-La France-Foamite Corporation, Elmira, N. Y. Fire extinguisher. 2,377,735; June 5.
White, Curtice C., Johnsville, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery plate. 2,373,281; Apr. 10.
White, Edward H., assignor to The Whitecross Company Limited, Warrington, England. Rope. 2,385,241; Sept. 18.
White, Ellis R.: *See*—
Van Ess, P. R., and White.
Zublin, E. W., Barnum, and White.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,368,604; Jan. 30.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Anticorrosive. 2,368,605; Jan. 30.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,368,606; Jan. 30.
White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,368,607; Jan. 30.
White, Elmer D., Dayton, Ohio. Preventing overheating in aircraft deicing system. 2,373,728; Apr. 17.
White, Emory O., Albertville, Ala. Air operated pump for filling stations and the like. 2,391,211; Dec. 18.
White, Eric L. C.: *See*—
Vanderlyn, P. B., and White.
White, Ezekiel F., West Hartford, Conn. Machine tool. 2,373,155; Apr. 10.
White, Fitzhugh L., South Norfolk, Va. Automatic electrical water heater. 2,371,723; Mar. 20.
White, Francis J., Brooklyn, N. Y., assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,382,120; Aug. 14.
White, Frank J.: *See*—
Fisher, O. W., White, and Weatherstone.
White, Frank L., assignor to Eastman Kodak Company, Rochester, N. Y. Polymethine compounds and preparing them. 2,369,509; Feb. 13.
White, Fred L.: *See*—
McLean, L. O., and White.
White, Fred L., assignor to The Osgood Company, Marion, Ohio. Hoisting brake control. 2,377,285; May 29.
White, George C., Rutherford, N. J. Device for measuring and dispensing liquid. 2,368,735; Feb. 6.
White, Gerald, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Tempering glass. 2,388,808; Nov. 13.
White, Gerald, and D. E. Grimes, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the tempering of glass. 2,388,809; Nov. 13.
White, Harry B., Wilmington, N. C. Supporting means for life preservers. 2,366,303; Jan. 2.
White, Harry B., Wilmington, N. C. Air supply means for life preservers. 2,371,863; Mar. 20.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,377,060; May 29.
White, Harry B., Canton, Ohio, assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,383,926; Aug. 28.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,389,881; Nov. 27.
White, Harry J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Electrical precipitation apparatus. 2,369,877; Feb. 20.
White, Harry J., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Adjustable gas distribution means for multiple tube electrical precipitators. 2,374,715; May 1.
White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Western Precipitation Corporation, Los Angeles, Calif. Charging suspended particles. 2,377,391; June 5.
White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitation. 2,383,030; Aug. 21.
White, Harry J., Cambridge, Mass., assignor of one-half to Research Corporation, New York, N. Y., and one-half to Western Precipitation Corporation, Los Angeles, Calif. Electrical precipitator. 2,386,827; Oct. 16.
White, Hobart S., Bethesda, Md. Telescope sight mount. 2,385,176; Sept. 18.
White, Ira M., Oakland, assignor to The Pelton Water Wheel Company, San Francisco, Calif. Surge preventer. 2,369,510; Feb. 13.
White, James C., Amarillo, Tex. Notebook leaf elevating and turning device. 2,370,338; Feb. 27.
White, James C., Birmingham, Ala. Flushing means for centrifugal pumps. 2,372,538; Mar. 27.
White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Motor control system. 2,377,286; May 29.
White, John B., assignor to Universal Oil Products Company, Chicago, Ill. Fractionation of hydrocarbons. 2,377,736; June 5.
White, John E.: *See*—
Faris, H. P., and White.
White, John F., Medford, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of sols. 2,375,738; May 8.
White, John W.: *See*—
Goepfrich, R. A., and White assignors.
White, John W., Van Nuys, assignor, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Accumulator. Re. 22,653; June 26.
White, Joseph A., New London, Conn. Oil burner draft control. 2,385,317; Sept. 18.
White, Joseph S., Galena Park, Tex. Roof center. 2,386,525; Oct. 9.
White, Joseph W., St. Davids, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Manually-operable auxiliary mechanism for air-brake systems. 2,391,664; Dec. 25.
White, Jules W., and L. A. G. ter Veen, Marion, Ind., assignors to Farnsworth Television and Radio Corporation. Combined radio and phonograph system. 2,379,617; July 3.
White, Kenneth M., and H. Hadsel, assignors to American Elevator & Machine Company, Inc., Louisville, Ky. Elevator signaling system. 2,372,348; Mar. 27.
White Laboratories, Inc.: *See*—
Barthen, C. L., Peterson, and McClintock, assignors.
White, Leo D., Schenectady, N. Y., assignor to General Electric Company. Remote signaling system. 2,380,282; July 10.
White, Lynt: *See*—
White, R. H., Hodgson, Jones, and White.

White, Mayfield C., New York, N. Y. Soap preserver. 2,380,892; July 31.
White, Morton, & Co.: *See*—
Budlong, Robert D., assignor.
White Motor Company, The: *See*—
Baster, Forest S., assignor.
Kinney, Le Baron W., Jr., assignor.
White, Paul V.: *See*—
Bennett, C. E., and White.
White, Paul W., Waterbury, and L. R. Ryan, Plymouth, Conn., assignors to Parva Products Company, Chicago, Ill. Buckle. 2,377,287; May 29.
White, Percy, assignor to The Automotive Engineering Company Limited, Twickenham, England. Fluid motor. 2,382,526; Aug. 14.
White, Ralph F., San Bernardino, Calif. Adjustable piston for gas engines. 2,385,120; Sept. 18.
White, Robert H., R. H. Hodgson, B. Jones, Jr., and L. White, assignors to The Atlanta Stove Works, Inc., Atlanta, Ga. Heating stove. 2,376,409; May 22.
White, Robert J., assignor to Hammond Instrument Company, Chicago, Ill. Gyroscopic apparatus. 2,386,176; Oct. 9.
White, Roland J., Clayton, Mo. Aircraft control surface. 2,368,059; Jan. 23.
White, S. S., Dental Manufacturing Company, The: *See*—
Angell, Robert C., assignor.
Flanagan, John W., assignor.
Geczy, Joseph, assignor.
White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,388,455; Nov. 6.
White, William C., Schenectady, N. Y., assignor to General Electric Company. Multianode discharge device. 2,367,987; Jan. 23.
White, William E., Aliquippa, Pa. Valve grinder. 2,371,938; Mar. 20.
White, William E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Serving tool. 2,390,674; Dec. 11.
White, William N., Ontario, Calif. Air pilot instruction system. 2,374,401; Apr. 24.
Whitechester, Thomas J., U. S. Navy. Propeller blade pitch measuring device. 2,383,527; Aug. 28.
Whitecross Company Limited, The: *See*—
White, Edward H., assignor.
Whiteford, Alexander W., New York, N. Y. Toe protecting shield. 2,367,814; Jan. 23.
Whitehead, William, Rye, N. Y., assignor to Celanese Corporation of America. Textile product. 2,380,003; July 10.
Whitehead, William A., Preston, England, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,375,397; May 8.
Whiteman, Charles E.: *See*—
Bailey, W. J., and Whiteman.
Bailey, W. J. A., and Whiteman.
Penney, H. D., and Whiteman.
Whiteman, Marvin E., Los Angeles, Calif. Portable concrete rodding machine. 2,372,163; Mar. 20.
Whitener, Ernest K.: *See*—
Bodansky, J. C., and Whitener.
Whitesel, Harry A., Glen Ridge, N. J., assignor to General Electric Company. Air mixing apparatus. 2,371,202; Mar. 13.
Whitesel, Harry A., Glen Ridge, N. J., assignor to General Electric Company. Air mixing apparatus. 2,371,203; Mar. 13.
Whitesell, John C., Jr., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Bomb casing. 2,366,374; Jan. 2.
Whitesell, John C., Jr., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Munitions. 2,382,277; Aug. 14.
Whitesell, Robert O., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier battery charger circuit. 2,382,698; Apr. 3.
Whitesell, Robert O., and P. B. Freeman, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Protective circuit for transformer-rectifier systems. 2,386,526; Oct. 9.
Whiteside, Jack R., East Cleveland, Ohio, assignor to General Electric Company. Starting control for electric discharge devices. 2,372,148; Mar. 20.
Whiteside, Jack R., Cambridge, Mass., assignor to General Electric Company. Starting control for electric discharge devices. 2,374,315; Apr. 24.
Whitham, Harry: *See*—
Thomas, R. and Whitham.
Whitham, May, executrix: *See*—
Thomas, R., and Whitham.
Whitin, Herbert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for magazines. 2,375,156; May 1.
Whitin, Herbert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread holder for looms. 2,385,242; Sept. 18.
Whitin Machine Works: *See*—
Crockett, Frank L., assignor.
Dunleavy, William J., assignor.
Hargreaves, R., and Youngsma, assignors.
Helland, Sigurd H., assignor.
Theiler, Hans J., assignor.
Whiting, Claud J., Princeton, Calif. Power winch. 2,378,117; June 12.
Whiting Corporation: *See*—
Bock, George E., assignor.
Brown, Arthur J., assignor.
Caldwell, Harold B., assignor.
Christie, Hugh K., assignor.
Fisher, Ernest F., assignor.
Hokanson, Evert C., assignor.
Holmes, Louis D., assignor.
Kuehlthau, Hugo L., assignor.
Pearl, William A., assignor.
Walsh, Frank P., assignor.
Whiting, Leo R.: *See*—
Turkington, V. H., and Whiting.
Whiting, Leo R., Woodbridge, N. J., assignor to Bakelite Corporation, New York, N. Y. Oil soluble resins. 2,374,316; Apr. 24.
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,385,669; Sept. 25.
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,385,670; Sept. 25.
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,385,671; Sept. 25.
Whiting, Samuel C.: *See*—
Mog, F. G., Wald, and Whiting.
Whiting, Theo C.: *See*—
Jepson, I., and Whiting.
Whitman, Gerald M.: *See*—
Farlow, M. W., and Whitman.
Lazier, W. A., and Whitman.
Whitman, Gerald M., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing furan. 2,374,149; Apr. 17.
Whitman, Helen, administratrix: *See*—
Whitman, Stewart C.
Whitman, Stewart C., deceased, by H. Whitman, New York, N. Y., administratrix. Irradiating bottle filling machine. 2,384,778; Sept. 11.
Whitmarsh, John M.: *See*—
Brittain, E. H., Joshua, and Whitmarsh.
Whitmer, Lewis W., Columbus, Ohio. Truck for trailer vehicles. 2,379,265; June 26.
Whitmire, Stuart E.: *See*—
Sconce, J. S., Rucker, Whitmire, and Schoonover.
Whitmore, Henry G., Newburyport, assignor to S. C. Brody, Newton, Mass. Combination range or distance finder and try-square. 2,377,987; June 12.
Whitmore, Henry G., Newburyport, assignor to S. C. Brody, Newton Centre, Mass. Attachment for test indicators. 2,384,058; Sept. 4.
Whitmore, James B., Bloomfield, W. Makenny, Mountain View, and F. A. Newcombe, Nutley, N. J., assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Article inspection method and machine. 2,389,287; Nov. 20.
Whitmore, Paul G., Pine Bluff, Ark. Tap-isolating conductor support. 2,372,995; Apr. 3.
Whitmore, Robert M., assignor to National Cash Register Company, Dayton, Ohio. Magazine testing means. 2,386,376; Oct. 9.
Whitmore, Roy E., Staunton, Va. Parking vehicle art and apparatus. 2,387,312; Oct. 23.
Whitmoyer, Clarence W., and W. J. Moore, assignors to Whitmoyer Laboratories, Inc., Myerstown, Pa. Stabilization of iodine in animal and poultry feeds. 2,382,193; Aug. 14.
Whitmoyer Laboratories, Inc.: *See*—
Whitmoyer, C. W., and Moore, assignors.
Whitnall, William C., Mount Vernon, Wash. Suspension bridge. 2,368,907; Feb. 6.
Whitner, Thomas C., Elizabeth, N. J., assignor to Chemical Laboratories, Inc. Making synthetic resin. 2,377,734; June 5.
Whitner, Thomas C., Elizabeth, N. J., assignor to Chemical Laboratories, Inc. Modified formaldehyde-acetone resin and making same. 2,390,481; Dec. 4.
Whitney Blake Company, The: *See*—
Sperzel, Robert H., assignor.
Whitney Chain & Mfg. Co.: *See*—
Berg, W. H. C., and Hanson, assignors.
Whitney, Charles S., Milwaukee, Wis. Concrete arch construction. 2,370,763; Mar. 6.
Whitney, F. A., Carriage Company: *See*—
Shaw, Harold F., assignor.
Whitney, Joseph W., Conway, Pa. Radio tube extractor. 2,380,136; July 10.
Whitney, Lewis A., Stratford, and A. C. Kidder, Bridgeport, Conn. Thermal motor. 2,382,928; Aug. 14.
Whitney, Maurice P.: *See*—
McGrath, W. L., and Whitney.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake releasing apparatus. 2,369,994; Feb. 20.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control valve device. 2,374,061; Apr. 17.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake releasing apparatus. 2,379,329; June 26.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake releasing apparatus. 2,381,239; Aug. 7.

Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,389,100; Nov. 13.
Whitney, William A.: *See*—
Hebb, A. O., and Whitney.
Whiton, Leslie V., and H. M. Weld, Haley, assignors to Dominion Magnesium Limited, Toronto, Ontario, Canada. Production of metallic magnesium by ferrosilicon reduction. 2,370,898; Mar. 6.
Whiton, Lucius E., New London, Conn. Ship protection. 2,379,266; June 26.
Whitson, John W., New York, N. Y. Card record apparatus. 2,379,943; July 10.
Whitt, Sidney A.: *See*—
Worth, W., Walker, and Whitt.
Whittaker, Charles C.: *See*—
Baker, R. M., Frostick, and Whittaker.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistor. 2,372,150; Mar. 20.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine locomotive control system. 2,372,151; Mar. 20.
Whittaker, Charles C., Pittsburgh, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electroresponsive indicator. 2,381,226; Aug. 7.
Whittaker, Charles C., and W. A. Graham, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloys. 2,372,152; Mar. 20.
Whittaker, Donald: *See*—
Myles, J. R., Whittaker, and Siddle.
Whittaker, Edward H., Jersey City, N. J. Flask and weight means therefor. 2,366,581; Jan. 2.
Whittaker, Edward H., Jersey City, N. J. Pattern stripper for foundry plants. 2,366,582; Jan. 2.
Whittaker, Henry C., Memphis, Tenn. Spark plug breather. 2,370,599; Feb. 27.
Whittaker, Henry C., Memphis, Tenn. Pin curl hair roller. 2,381,195; Aug. 7.
Whittaker, James L., Woodbury, N. J., assignor to Radio Corporation of America. Improving the electronic exposure of photographic emulsions. 2,372,465; Mar. 27.
Whitted, John B., Glencoe, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric windshield wiper. 2,370,101; Feb. 20.
Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Four-way valve. 2,388,890; Nov. 13.
Whittell, Percy, Philadelphia, Pa., and F. J. Carraine, West Collingswood, N. J., assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Radio tube clamp. 2,388,650; Nov. 6.
Whittemore, Winthrop C., Port Washington, assignor to The Dentists' Supply Company, New York, N. Y. Denture articulator. 2,389,101; Nov. 13.
Whittier, William A., Glenview, assignor to The Pure Oil Company, Chicago, Ill. Lubricant and preparing same. 2,382,121; Aug. 14.
Whittington, Herman B.: *See*—
Porter, G. D., and Whittington.
Whittle, Donald G.: *See*—
Noorduyn, R. B. C., and Whittle.
Whittle, Frank, Rugby, England. Turbine and compressor. 2,378,372; June 12.
Whittlesey, Harold M., Columbus, Ohio. Business instrument. 2,371,007; Mar. 6.
Whittlesey, Harold M., Columbus, Ohio. Business instrument and preparation of the same. 2,371,008; Mar. 6.
Whittlesey, Percival W., et al.: *See*—
Herrick, William W., assignor.
Whitworth, Edward, Saltcoats, and T. Thomson, Kilmarnock, Scotland, assignors to Imperial Chemical Industries Limited. Gas pressure-generating cartridge. 2,366,165; Jan. 2.
Whitworth, Ernest B.: *See*—
Cook, A. A., and Whitworth.
Whitworth, Perry V., El Cerrito, Calif. Power transmitting unit. 2,389,174; Nov. 20.
Whitworth, Sir W. G. Armstrong, Aircraft Limited: *See*—
Menzies, Alexander W., assignor.
Whyland, Frank V., Bronx, N. Y. Lock nut. 2,387,375; Oct. 23.
Wiazmitinow, Alexis, Basel, assignor to Sandoz A. G., Fribourg, Switzerland. Printing process for textiles. 2,389,245; Nov. 20.
Wiberg, Oscar A., Finspong, Sweden. Turbine rotor. 2,386,527; Oct. 9.
Wich, John, Chicago, Ill. Pocket current tester. 2,366,991; Jan. 9.
Wichert, Ernest M., Pittsburgh, Pa. Rigid frame bridge and making the same. 2,373,072; Apr. 3.
Wichert, Ernest M., Wilkinsburg, Pa. Deck. 2,375,454; May 8.
Wichert, Ernest M., Wilkinsburg, Pa. Deck. 2,376,989; May 29.
Wickenden, Leonard, Manhasset, N. Y. Treating sugar melts. 2,372,996; Apr. 3.
Wickens, Alexander J., Sioux Lookout, Ontario, Canada. Adjustable cable splicing clamp. 2,372,754; Apr. 3.
Wickens, Edward F., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Drill sharpener. 2,369,627; Feb. 13.
Wicker, Dan B., Dunbar, and C. W. Cox, St. Albans, W. Va., assignors to American Viscose Corporation, Wilmington, Del. Staple fiber cutter. 2,381,240; Aug. 7.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Control system for alternating current drives. 2,384,864; Sept. 18.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating current motor control system. 2,384,865; Sept. 18.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Alternating current hoist control. 2,386,580; Oct. 9.
Wickerham, William R., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Hoist control system. 2,386,581; Oct. 9.
Wickert, Jacob N., South Charleston, and B. T. Freure, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of pyran derivatives. 2,368,186; Jan. 30.
Wickesser, Arthur: *See*—
De Giers, C. A., and Wickesser.
Wickham, Alfred H., Enfield, England, assignor to Sangamo Electric Company, Springfield, Ill. Gear changing mechanism. 2,375,602; May 8.
Wickham, Henry P.: *See*—
Dickinson, J. T., Wickham, and Morfit.
Wickman, A. C., Limited: *See*—
Bagley, Harold R., assignor.
Wickman Corporation, The: *See*—
Chatelain, Paul E., assignor.
Wicks, Geraldo C., Ramos Mejía, Argentina. Steam boiler. 2,387,103; Oct. 16.
Wicks, John, Oak Park, and H. W. Balzer, Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,367,634; Jan. 16.
Wicks, John D., assignor to Accessories Corporation, Gastonia, N. C. Filter replacement unit. 2,367,745; Jan. 23.
Wickstrom, Paul: *See*—
Wellington, Fred G., assignor.
Wickstrum, Cecil M., Omaha, Nebr. Outlet flange for tanks. 2,391,373; Dec. 18.
Wickstrum, Cecil M., Omaha, Nebr. Portable storage tank. 2,391,374; Dec. 18.
Wickwire, Arthur M., Jr., Mountain Lakes, N. J., assignor to Interchemical Corporation, New York, N. Y. Apparatus for smoothing thermoplastic coating materials. 2,381,942; Aug. 14.
Wico Electric Company: *See*—
Harmon, K. A., and Atwood, assignors.
Phelon, Russell E., assignor.
Wiczer, Sol B., Washington, D. C. Motor fuel. 2,384,866; Sept. 18.
Wiczer, Sol B., Washington, D. C. Solidified unstable compounds. 2,388,719; Nov. 13.
Widdicomb, John, Company: *See*—
Stuart, Alexander H., assignor.
Widdowson, Albert H.: *See*—
Holmes, H. H., and Widdowson.
Wildt, E., Holmes, and Widdowson.
Widell, Charles, assignor to Prismacolor, Inc., Chicago, Ill. Film transort mechanism. 2,384,358; Sept. 4.
Widmann, Willi, assignor to R. L. Skinner, Detroit, Mich. Filter. 2,382,278; Aug. 14.
Widmer, Gustav, Basel, and W. Fisch, Binningen, Switzerland, assignors to Ciba Products Corporation, Hoboken, N. J. Synthetic binding agents and their use. 2,370,278; Feb. 27.
Widmer, Gustave, Basel, and W. Fisch, Binningen, Switzerland, assignors, by mesne assignments, to the firm Ciba Products Corporation, Dover, Del. Aldehyde condensation products and making same. 2,387,547; Oct. 23.
Widmer, René, assignor to Paillard & Cie. S. A., Sainte-Croix, Switzerland. Device for controlling the shutter with a variable opening of cinematographic photographing apparatus. 2,376,300; May 15.
Widmer, René, assignor to Paillard & Cie. S. A., Sainte-Croix, Switzerland. Device for controlling the opening and closing of a variable shutter for cinematographic photographing apparatus. 2,376,301; May 15.
Widmer, René, assignor to Paillard & Cie. S. A., Sainte-Croix, Switzerland. Cinematographic photographing apparatus. 2,376,302; May 15.
Widmont, Joseph C., assignor to The National Cash Register Company, Dayton, Ohio. Machining and assembling apparatus. 2,370,828; Mar. 6.
Widrich, Anton, Eatontown, N. J. Explosive rivet. 2,378,118; June 12.
Wiechert, George A., assignor of thirty-three and one-third percent to E. P. Jennings, New York, N. Y. Cutting cusp for dentures. 2,375.509; May 8.
Wieczorek, George A., Jr., Pittsburgh, and C. B. Jackson, Forest Hills, Pa. Canister. 2,389,225; Nov. 20.
Wiedemann, Hans: *See*—
Keuffel, C. W., Wiedemann, and Shields.

Wiedemeier, Alfred, assignor to Landis & Gyr, A-G., Zug, Switzerland. Synchronous motor time meter. 2,384,581; Sept. 11.
Wiederkehr, Robert, Erlenbach, assignor to Aktiengesellschaft fuer Technische Studien, Zurich, Switzerland. Gas heater. 2,385,177; Sept. 18.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Separation. 2,369,878; Feb. 20.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Conveying system. 2,375,057; May 1.
Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electrical heating element and producing the same. 2,375,058; May 1.
Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Manufacture of electric heaters. 2,376,840; May 22.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Apparatus for the electrostatic separation of material particles. 2,382,122; Aug. 14.
Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Processing of materials. 2,387,548; Oct. 23.
Wiegand, Edwin L., Company: *See*—
Wiegand, Edwin L., assignor.
Wiegand, Francis J., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Fuel distributor. 2,366,891; Jan. 9.
Wiegand, William B., Old Greenwich, Conn., and H. A. Braendle, Garden City, assignors to Columbian Carbon Company, New York, N. Y. Manufacture of carbon black. 2,378,055; June 12.
Wiegers, Irvin E., Overland, Mo., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Refrigerating system. 2,385,243; Sept. 18.
Wiegman, Clarence F.: *See*—
Fish, L. R., and Wiegman.
Wiehl, William J., Roselle, assignor of one-half to Everlasting Valve Company, Jersey City, N. J. Lubricated gate valve. 2,383,099; Aug. 21.
Wieking, William C.: *See*—
Budden, E. L., and Wieking.
Wieland, Daniel A., assignor to Pangborn Corporation, Hagerstown, Md. Hydraulic sand feeder. 2,366,763; Jan. 9.
Wiener, Paul L., assignor to Ratio Structures, Inc., New York, N. Y. Building structure. 2,382,361; Aug. 14.
Wienke, Norman B.: *See*—
Cullman, O., Hornbrook, and Wienke.
Wiepert, George D., New Haven, assignor to The Merriam Manufacturing Company, Durham, Conn. Record-card holder. 2,371,487; Mar. 13.
Wiertz, Anthony P., Dayton, Ohio. Form-raising jack. 2,369,195; Feb. 13.
Wiesbach, Juan M. R., San Luis Potosi, Mexico. Vibratory separator. 2,367,478; Jan. 16.
Wiest, Horace G., Wilmington, Del., assignor to General Electric Company. Dynamoelectric machine. 2,367,079; Jan. 9.
Wigal, Voorhis F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic spongy material. 2,386,995; Oct. 16.
Wigelsworth, Arthur E., Los Angeles, assignor to Anabolic Food Products, Inc., Glendale, Calif. Blanching vegetable materials. 2,373,521; Apr. 10.
Wiggermann, Georg, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Warping machine. 2,382,760; Aug. 14.
Wiggins, John H., Chicago, Ill. Leveling mechanism for gas holders and similar apparatus. 2,366,821; Jan. 9.
Wiggins, John H., Chicago, Ill. Gauging apparatus for liquid storage tanks. 2,377,288; May 29.
Wiggins, John H., Chicago, Ill. Liquid sealed vent valve 2,384,147; Sept. 4.
Wiggins, John H., Chicago, Ill. Floating roof for liquid storage tanks. 2,386,022; Oct. 2.
Wiggins, John H., Chicago, Ill. Drainage means for floating tank roofs. 2,390,141; Dec. 4.
Wiggs, James W.: *See*—
Hensel, F. R., Emmert, and Wiggs.
Wight, Ralph L.: *See*—
Oden, T. K., and Wight.
Wight, Sedgwick N.: *See*—
Field, O. S., and Wight.
Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,368,957; Feb. 6.
Wightman, Lawrance W., Fort Wayne, Ind., assignor to General Electric Company. Centrifugal fan. 2,370,600; Feb. 27.
Wigton, Matt H., assignor to The Bastian-Blessing Company, Chicago, Ill. Apparatus for mixing and burning fuel. 2,378,346; June 12.
Wihanto, Adolph K., Boston, Mass. Revolving electrical contact point. 2,387,961; Oct. 30.
Wikander, Oscar R.: *See*—
Bell, D. S., and Wikander.
Wiken, Christy A., Milwaukee, Wis., assignor, by mesne assignments, to The Delta Manufacturing Company. Grinder. 2,374,716; May 1.
Wiken, Christy A., and H. V. Boehnke, Milwaukee, Wis., assignors to The Delta Manufacturing Company. Cutting machine. 2,372,699; Apr. 3.
Wiken, Christy A., and E. A. Reibig, assignors, by mesne assignments, to The Delta Manufacturing Company, Milwaukee, Wis. Machine protective apparatus. 2,384,512; Sept. 11.
Wiken, Christy A., and E. A. Reibig, assignors, by mesne assignments, to The Delta Manufacturing Company, Milwaukee, Wis. Machine tool. 2,386,283; Oct. 9.
Wikoff, Helen L., Columbus, Ohio. Production of low temperatures. 2,378,815; June 19.
Wikstrom, Oskar W.: *See*—
Gregoire, Horace W., assignor.
Wilbar, Isaac R., Peach Bottom, Pa. Specific gravity testing device. 2,367,080; Jan. 9.
Wilber, Carl L., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Making axle spindles. 2,368,695; Feb. 6.
Wilbur, Eliza E., et al., executors: *See*—
Wilbur, Ralph H.
Wilbur, Harland A., et al., executors: *See*—
Wilbur, Ralph H.
Wilbur, Harold R.: *See*—
Lieb, F. E., and Wilbur.
Wilbur, Ralph H., deceased, Melrose, Mass.; E. E. and H. A. Wilbur, executors. Wrapper. 2,384,223; Sept. 4.
Wilbur, William K.: *See*—
Nelms, G. C., Coggeshall, Berry, and Wilbur.
Wilbur, William T.: *See*—
Wallace, D. A., Hewlett, and Wilbur.
Wilcolator Company, The: *See*—
Graves, Theodore E., assignor.
Wilcox, Charles F., Cambridge, Mass. Electronic transformer. 2,368,625; Feb. 6.
Wilcox, George G., assignor to Associated Spring Corporation, Bristol, Conn. Spring testing machine. 2,381,241; Aug. 7.
Wilcox, Howard M., Wilkinsburg, B. P. Baker, Turtle Creek, and H. J. Webb, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,374,062; Apr. 17.
Wilcox, Isaac L.: *See*—
Price, J. F., and Wilcox.
Wilcox, Isaac L., and R. Horning, assignors to Oswego Falls Corporation, Fulton, N. Y. Container. 2,382,035; Aug. 14.
Wilcox, John C., Erie, Pa. Vibration absorption driving device for machine dogs. 2,390,976; Dec. 11.
Wilcox, Mary P., executrix: *See*—
Wilcox, William D.
Wilcox, Philip E., New York, N. Y., assignor to The Leavitt Machine Company, Orange, Mass. Refacing of valve gates. 2,383,755; Aug. 28.
Wilcox, Thomas W., Harrow, England, assignor to General Electric Company. Electric circuit interrupter. 2,391,759; Dec. 25.
Wilcox, William D., deceased, by M. P. Wilcox, Enterprise, Fla., executrix, assignor, by mesne assignments, to Oil and Gas Research, Inc., Wilmington, Del. Apparatus for the production of acetylene and carbon black by the pyrolysis of hydrocarbon gases and vapors. 2,374,252; Apr. 24.
Wilcox, William H., Stockton, Calif., assignor to California Cedar Products Company. Treating articles. 2,386,828; Oct. 16.
Wild, Albert F., Scotia, N. Y., assignor to General Electric Company. Butter conditioner. 2,375,714; May 8.
Wild, Albert F., Scotia, N. Y., assignor to General Electric Company. Food storage receptacle. 2,378,816; June 19.
Wild, Henry W., Waterbury, Conn. Soap holder. 2,367,161; Jan. 9.
Wild, Henry W., assignor to Scovill Manufacturing Company, Waterbury, Conn. Terminal post. 2,386,171; Oct. 2.
Wildbore, Wilfred J. L., London, W. C. 2, assignor to Standard Telephones and Cables Limited, London, England. Apparatus for winding strands particularly for lapping or braiding machines. 2,370,899; Mar. 6.
Wilde, Edgar D.: *See*—
Taylor, R. G., Jr., and Wilde.
Wildenhein, William A., Elyria, Ohio. Power truck and propulsion means therefor. 2,387,696; Oct. 23.
Wilder, Charlton, Cincinnati, Ohio, assignor of fifty per cent to A. Price, University City, Mo. Dispensing machine. 2,380,093; July 10
Wilder, Frank N.: *See*—
Starkweather, H. W., and Wilder.
Wilder, Lot S., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,376,217; May 15.
Wilder, Richard S.: *See*—
Ogilvie, J., and Wilder, assignors.
Wilders, George, Kegworth, assignor to William Cotton Limited, Loughborough, England. Knitting machine screw-racking mechanism. 2,371,091; Mar. 6.
Wilderson, Eli, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus 2,380,004; July 10.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,372,240; Mar. 27.
Wildhaber, Ernest Brighton, assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,372,241; Mar. 27.
Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Method and machine for producing gears. 2,376,465; May 22.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,381,150; Aug. 7.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,384,582; Sept. 11.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,384,583; Sept. 11.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,384,584; Sept. 11

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Face clutch. 2,388,456; Nov. 6.

Wildman Mfg. Co.: *See*—
Howie, K., and Krieble, assignors.

Wildt and Company: *See*—
Wildt, E., Holmes, and Widdowson, assignors.

Wildt and Company Limited: *See*—
Holmes, Henry H., assignor.
Holmes, H. H., and Hurd, assignors.
Holmes, H. H., and Widdowson, assignors.

Wildt, Edwin, H. H. Holmes, and A. H. Widdowson, Leicester, England, assignors to Wildt and Company. Knitting machine. 2,391,665; Dec. 25.

Wile, Raymond S., assignor to Wile Service, Inc., Flushing, N. Y. Treating ores and electric furnace therefor. 2,368,508; Jan. 30.

Wile, Raymond S., Flushing, assignor to Induction Heating Corp., New York, N. Y. Hardening steels. 2,374,634; Apr. 24.

Wile Service, Inc.: *See*—
Wile, Raymond S., assignor.

Wilensky, Harry L., New York, N. Y. Massaging and shampooing scalp brush. 2,379,330; June 26.

Wiles, Ethel F., executrix: *See*—
Wiles, Russell, assignor.

Wiles, Robert C., Newcastle-on-Tyne, assignor to Charles Crofton and Company (Engineers) Limited, Wallsend-on-Tyne, England. Valve for pneumatic tools. 2,372,920; Apr. 3.

Wiles, Robert C., Heaton, Newcastle-on-Tyne, assignor to Charles Crofton and Company (Engineers) Limited, Wallsend-on-Tyne, England. Valve for pneumatic tools. 2,377,595; June 5.

Wiles, Russell, deceased, Chicago, Ill.: E. F. Wiles, executrix, assignor to E. F. Wiles. Trigger. 2,387,788; Oct. 30.

Wiley, Carl H.: *See*—
Petty, W., and Wiley, assignors.

Wiley, Clifford J.: *See*—
Canady, Buel H., assignor.

Wiley, John W., New York, N. Y. Key lock. 2,385,244; Sept. 18.

Wiley, John W., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Shoe stiffener blanks. 2,378,673; June 19.

Wiley, John W., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Box toe materials and making the same. 2,378,674; June 19.

Wiley, Lee M., assignor of one-third to J. T. Lett and one-third to R. B. Wiley, Marion, Ind. Sheet pulp container forming apparatus. 2,377,392; June 5.

Wiley, Lee M., assignor of one-third to R. B. Wiley and one-third to J. T. Lett, Marion, Ind. Forming plastic coated containers. 2,377,393; June 5.

Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Fabricating polymeric vinylidene chloride. 2,385,318; Sept. 18.

Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Treating polymeric vinylidene chloride. 2,390,035; Nov. 27.

Wiley, Reeley B., et al.: *See*—
Wiley, Lee M., assignor.

Wiley, Richard H.: *See*—
Fisher, N. G., and Wiley.

Wiley, Richard H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dialkyl peroxides. 2,369,096; Feb. 6.

Wiley, William R., Birmingham, Mich. Door latch construction. 2,383,576; Aug. 28.

Wilfert, Karl: *See*—
Barényi, B., and Wilfert.

Wilhelm, Edward A.: *See*—
Boyles, R. R., and Wilhelm.

Wilhelm, Henry T., Long Island City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Standard for electrical measurements. 2,373,156; Apr. 10.

Wilhelm, Edward A., assignor to Waterous Company, St. Paul, Minn. Multistage centrifugal pump. 2,391,811; Dec. 25.

Wilhelm, Warren F., Chicago, Ill. Fluid distributing mechanism. 2,378,273; June 12.

Wilhelm, Warren F., Chicago, Ill. Tablet and packaging same. 2,386,416; Oct. 9.

Wilkening Manufacturing Company: *See*—
Engelhardt, Carl F., assignor.

Wilkerson, Jefferson R.: *See*—
Rea, W. T., and Wilkerson.

Wilkes, Benjamin G., Wilkinsburg, Pa., and W. A. Denison, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Antistatic treatment of vinyl resin textiles. 2,381,020; Aug. 7.

Wilkes, Donald P.: *See*—
Decker, J. A., and Wilkes.

Wilkes, Gilbert, Jacksonwald, and F. M. Reed, Elton Adams Township, Cambria County, Pa. Heat pump system. 2,375,157; May 1.

Wilkie, John B., Silver Spring, Md., dedicated to the free use of the people in the territory of the United States. Measuring instrument. 2,381,414; Aug. 7.

Wilkie, Leighton A., Des Plaines, Ill. Amphibious vehicle. 2,370,508; Feb. 27.

Wilkin, Lester A., East Chicago, Ind., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Pa. Expansion roof structure with counterbalancing means. 2,373,797; Apr. 17.

Wilkins, Edward L., Las Animas, Colo. Beet harvester. 2,376,950; May 29.

Wilkins, Howard W., Warren, assignor to The Murray Corporation of America, Detroit, Mich. Spring forming machine. 2,390,283; Dec. 4.

Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Brass pipe and tube. 2,369,813; Feb. 20.

Wilkins, Stanley D., Berkeley, assignor to California Pellet Mill Company, San Francisco, Calif. Pest control. 2,369,097; Feb. 6.

Wilkins, Walter S., Wednesbury, England. Power press. 2,375,398; May 8.

Wilkinson, Ben: *See*—
Taylor, August M., assignor.

Wilkinson, Donald G.: *See*—
Giles, C. H., and Wilkinson.

Wilks, John R., assignor to The American Rolling Mill Company, Middletown, Ohio. Bridge decking and the like. 2,382,761; Aug. 14.

Will, Phillip C.: *See*—
Webster, R. S., and Will.

Willaman, John J., Plymouth Meeting, Pa., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Thickening and congealing agent. 2,373,729; Apr. 17.

Willamette Hyster Company: *See*—
Johnson, George V., assignor.
Shoemaker, Robert C., assignor.

Willard, Ellery D., Johnstown, N. Y. Bowling glove. 2,391,851; Dec. 25.

Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultrasonic cell. 2,366,822; Jan. 9.

Willard, Robert P., Lewiston, N. Y., assignor to Moore Business Forms, Inc. Cylinder for printing presses. 2,375,603; May 8.

Willard, Robert P., Lewiston, N. Y., assignor to Moore Business Forms, Inc. Record and carbon strip control for writing machines. 2,391,760; Dec. 25.

Willard Storage Battery Company: *See*—
Fairclough, Edward, assignor.
Hatfield, James E., assignor.
Huntsberger, Herbert D., assignor.
Koenig, H. L., Billheimer, and Havlick, assignors.
Sutherland, E. M., and Endress, assignors.

Willauer, Earl E., Cranford, and I. P. Jones, Basking Ridge, N. J., assignors to Standard Oil Development Company. Recovery and regeneration of isobutene. 2,380,350; July 10.

Willcox & Gibbs Sewing Machine Company: *See*—
Backlin, Clarence R., assignor.
Cumfer, Donald A., assignor.
Townsend, N. F., and Tamburro, assignors.

Willcox, Thomas N., Pittsfield, Mass., assignor to General Electric Company. Making spark plug unit bushings. 2,390,821; Dec. 11.

Willcox, Thomas N., Pittsfield, Mass., and H. H. Race, Schenectady, N. Y., assignors to General Electric Company. Spark plug unit bushing. 2,390,820; Dec. 11.

Willenborg, Walter J., Weehawken, assignor, by mesne assignments, to Walter Kidde & Company, Inc., Belleville, N. J. Combustion control device. 2,369,698; Feb. 20.

Willens, Robert A. A., London, England, assignor to Celanese Corporation of America. Calculating device. 2,375,878; May 15.

Willett, Albert V., Jr.: *See*—
Carter, A. S., and Willett.

Willett, Leon E: *See*—
Breitenbach, R. H., and Willett.

Willett, Warren P., Takoma Park, Md., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic control mechanism. 2,381,795; Aug. 7.

Willey, Irvin A.: *See*—
Boicey, J. H., and Willey.

Willhoit Engineering Corporation: *See*—
Williams, Lewis E., assignor.

Wm. Bros. Boiler & Manufacturing Co.: *See*—
Carroll, Charles V., assignor.

Williams, Absalom D., South Haven, Mich., assignor of fifty-five one-hundredths to E. R. Brewer, Chicago, Ill. Injector valves. 2,376,565; May 22.

Williams, Albert J., Jr., assignor to Leeds and Northrup Company, Philadelphia, Pa. Electrical measuring system. 2,367,746; Jan. 23.

Williams, Alfred L. W.: *See*—
Arndt, J. P., Jr., Brown, and Williams.
Brown, W. J., and Williams.

Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Intercommunication system. 2,383,832; Aug. 28.

Williams, Alfred L. W., Cleveland Heights, assignor to The Brush Development Company, Cleveland, Ohio. Sound translating apparatus. 2,386,996; Oct. 16.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake applying means. 2,374,909; May 1.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake construction. 2,386,023; Oct. 2.
Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Brake. 2,388,104; Oct. 30.
Williams, Allan E., White Plains, assignor to Niagara Blower Company, New York, N. Y. Apparatus for cooling or dehumidifying air. 2,378,964; June 26.
Williams, Alonzo J., McLoud, Okla. Syringe. 2,383,280; Aug. 21.
Williams, Amos D., Philadelphia, Pa. Apparatus for producing a form of pig iron of low carbon content. 2,375,510; May 8.
Williams, Arthur, Munster, Ind., assignor to The Superheater Company, New York, N. Y. Water evacuation system in tangential driers. 2,368,509; Jan. 30.
Williams, Arthur F., assignor to Wils-Edge Corporation, St. Paul, Minn. Spectacles. 2,384,867; Sept. 18.
Williams, Arthur H., Riverside, assignor to Shafer Bearing Corporation, Chicago, Ill. Antifriction bearing. 2,387,962; Oct. 30.
Williams, Arthur, Munster, Ind., and E. Henkel, Calumet City, Ill., assignors to The Superheater Company, New York, N. Y. Injector. 2,389,656; Nov. 27.
Williams, Ben H., assignor to The Mutual Life Insurance Company, New York, N. Y. Chart. 2,386,644; Oct. 9.
Williams, Benjamin F., Salem, Oreg. Respiratory mask. 2,389,102; Nov. 13.
Williams, Benjamin M., St. Louis, Mo., and F. L. Rushing, Tampa, Fla., assignors to Baylord Container Corporation, St. Louis, Mo. Container. 2,366,304; Jan. 2.
Williams, Benjamin N., Beacon, and T. D. Sanford, New York, N. Y. Stevedore jack. 2,369,383; Feb. 13.
Williams, Beverly E., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of animal carcasses. 2,379,845; July 3.
Williams, Beverly E., assignor to Industrial Patents Corporation, Chicago, Ill. Refrigerator car and using. 2,381,796; Aug. 7.
Williams, Beverly E., and L. L. Cadwell, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of animal carcasses. 2,387,221; Oct. 16.
Williams, Beverly E., and L. L. Cadwell, assignors to Industrial Patents Corporation, Chicago, Ill. Treating carcasses. 2,388,891; Nov. 13.
Williams, Bradlee W. and H. S., assignors to Tech Equipment Company, Chicago, Ill. Cardiometric apparatus. 2,375,059; May 1.
Williams, Charles B., Shaker Heights, assignor to Automatic Safety Wringer Company, Cleveland, Ohio. Wringer. 2,369,699; Feb. 20.
Williams, Charles B., Shaker Heights, and T. W. Kaestner, assignors, by direct and mesne assignments, to Automatic Safety Wringer Company, Cleveland, Ohio. Wringer. 2,369,700; Feb. 20.
Williams, Charles B., Shaker Heights, and T. W. Kaestner, assignors to Automatic Safety Wringer Company, Cleveland, Ohio. Wringer. 2,369,701; Feb. 20.
Williams, Charles B., Shaker Heights, Ohio, and T. W. Kaestner, Dearborn, Mich., assignors to Automatic Safety Wringer Company. Wringer. 2,369,702; Feb. 20.
Williams, Charles O., Washougal, Wash. Framing instrument. 2,368,958; Feb. 6.
Williams, Charles W.: *See*—
Nash, L. W., and Williams.
Williams, Charles W., Shaker Heights, Ohio, assignor to Automatic Safety Wringer Company. Wringer. 2,369,703; Feb. 20.
Williams, Charles W., Shaker Heights, Ohio, assignor to Automatic Safety Wringer Company. Pressure establishing mechanism. 2,369,704; Feb. 20.
Williams, Clarence R., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Grinding machine. 2,375,604; May 8.
Williams, Dan T., Robinson, assignor of one-fourth to G. W. Miller, Oblong, and one-sixteenth to C. E. Jones, Robinson, Ill. Gyroscopic power transmission. 2,390,341; Dec. 4.
Williams, David C., Waynesboro, Ga. Insect catching machine. 2,374,150; Apr. 17.
Williams, David H., Canfield, Ohio, assignor to R. C. Switzer, South Euclid, and J. L. Switzer, Cleveland Heights, Ohio. Arterial embalming method and arterial embalming fluid. 2,380,351; July 10.
Williams, David M., Godwin, N. C. Firearm. 2,373,622; Apr. 10.
Williams, David M., Godwin, N. C. Firearm. 2,377,737; June 5.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Firing mechanism for firearms. 2,366,823; Jan. 9.
Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Receiver-assembly for firearms. 2,373,213; Apr. 10.
Williams, David M., New Haven, Conn., assignor to Olin Industries, Inc., Piston means for gas-operated firearms. 2,376,466; May 22.
Williams, Earl R.: *See*—
Kieselbach, H. A., and Williams.
Williams, Edmond B., Litchfield, assignor to The Torrington Manufacturing Company, Torrington, Conn. High-pressure blower. 2,382,687; Aug. 14.
Williams, Edmond B., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Electric heater. 2,385,121; Sept. 18.
Williams, Edmond G., Northwich, England, assignor to Imperial Chemical Industries Limited. Extrusion of thermoplastic materials. 2,384,224; Sept. 4.
Williams, Edward B., Jr., Greenville, Tex. Step-cut drill bit. 2,371,490; Mar. 13.
Williams, Edward B., Jr., Greenville, Tex. Drill bit. 2,381,415; Aug. 7.
Williams, Edward B., Jr., Greenville, Tex., assignor of one-third to H. C. Grubb, and one-third to S. P. Daniel, Tulsa, Okla. Core bit. 2,371,488; Mar. 13.
Williams, Edward B., Jr., Greenville, Tex., assignor of one-third to S. P. Daniel, and one-third to H. C. Grubb, Tulsa, Okla. Drill bit. 2,371,489; Mar. 13.
Williams, Edward C., Peterborough, Ontario, Canada. Loose-leaf binder. 2,386,024; Oct. 2.
Williams, Emmett C., Pittsburgh, Pa. Testing device for control thermostats. 2,383,756; Aug. 28.
Williams, Ernest P., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speed regulating device. 2,386,645; Oct. 9.
Williams, Francis A., and G. G. Rusznyak, Toronto, Ontario, Canada. Apparatus and method for molding concrete blocks. 2,382,458; Aug. 14.
Williams, Francis B., Columbus, Ohio. Faucet attachment. 2,370,433; Feb. 27.
Williams, Francis J., Port Washington, assignor to National Lead Company, New York, N. Y. Preparing barium aluminate. 2,375,715; May 8.
Williams, Francis J., Port Washington, N. Y., and J. A. Orsino, Westfield, N. J., assignors to National Lead Company, New York, N. Y. Storage battery. 2,389,832; Nov. 27.
Williams, Francis J., Port Washington, N. Y., and M. Kaplan, Trenton, N. J.; said Williams assignors to National Lead Company, New York, N. Y. Container and closure therefor. 2,391,212; Dec. 18.
Williams, Frank P.: *See*—
Graham, A. K., Smith, and Williams.
Williams, Franklin C., W. T. Hanson, Jr., and H. F. Ott, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic tone correction mask. 2,384,665; Sept. 11.
Williams, Fred D., Jr., assignor to Samuel Ruben, New Rochelle, N. Y. Rectifier forming. 2,375,181; May 1.
Williams, Fred D., Jr., assignor to Samuel Ruben, New Rochelle, N. Y. Ignition system. 2,389,639; Nov. 27.
Williams, George G., Detroit, Mich. Scaffold-ladder. 2,371,092; Mar. 6.
Williams, George L., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller supporting and driving mechanism. 2,369,422; Feb. 13.
Williams, Glynn H., Huntington Park, assignor to Axelson Manufacturing Co., Los Angeles, Calif. Stop mechanism for machine tools. 2,373,934; Apr. 17.
Williams Gold Refining Company, Inc.: *See*—
Ringle, C. J., Hiatt, and Smith, assignors.
Williams, Harold W., Nutley, M. L. Mount, Westfield, and A. M. Nelson, assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator dispatching system. 2,367,988; Jan. 23.
Williams, Harold W., Nutley, D. Santini, Tenafly, and M. L. Mount, Westfield, N. J., assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Selective high call reversal. 2,376,218; May 15.
Williams, Harrison L., Huntsville, Ala. Lug strap holder for picker sticks. 2,380,352; July 10.
Williams, Harry A., Glenside, Pa., assignor to Bendix Aviation Corporation, Teterboro, N. J. Fluid flow meter. 2,385,901; Oct. 2.
Williams, Herbert P., London, W. C. 2, England, assignor to International Standard Electric Corporation, New York, N. Y. Blind landing system using electromagnetic waves. 2,372,620; Mar. 27.
Williams, Herman J., Charleston, S. C., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Evening roll for flow boxes. 2,390,977; Dec. 11.
Williams, Homer S.: *See*—
Williams, Bradlee W. and H. S.
Williams, Horace G.: *See*—
Iddings, R. C., Bork, and Williams.
Williams, Howard S., Hartford, Conn. Fracture splint. 2,384,779; Sept. 11.
Williams, Ira, assignor to J. M. Huber Corporation, Borger, Tex. Purification of plant rubbers. 2,390,860; Dec. 11.
Williams, James A., Sr., Belfast, Tenn. Valve grinder. 2,373,522; Apr. 10.
Williams, James H.: *See*—
Ericks, W. P., and Williams.
Williams, James H., Riverside, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Monoacyl-p,p'-diaminodiphenyl sulphones and process of making same. 2,366,664; Jan. 2.
Williams, John J., Green Camp, Ohio. Back rest. 2,368,436; Jan. 30.

Williams, John M.: *See*—
Delfoe, E. F., and Williams.
Williams, Laurene: *See*—
Wyckoff, Roger S., assignor.
Williams, Lawrence S.: *See*—
Marshall, C. O., and Williams.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,366,947; Jan. 9.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,368,626; Feb. 6.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,373,366; Apr. 10.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,378,274; June 12.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,379,207; June 26.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Sensing mechanism. 2,385,323; Sept. 18.
Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Bearing. 2,387,202; Oct. 16.
Williams, Lawrence S., Toledo, Ohio, assignor to Toledo Scale Company. Printing scale. 2,390,482; Dec. 4.
Williams, Lee B., Pittsburgh, Pa. Ventilating fan. 2,372,621; Mar. 27.
Williams, Lee B., Pittsburgh, Pa. Noiseless vacuum cleaner. 2,378,347; June 12.
Williams, Leo C.: *See*—
Baker, L., and Williams.
Williams, Lewis E., Long Beach, assignor to Willhoit Engineering Corporation, Hawthorne, Calif. Pump. 2,368,187; Jan. 30.
Williams, Louis W., Brooklyn, N. Y. Foundation. 2,373,798; Apr. 17.
Williams, Margaret L.: *See*—
Riese, Karl F., assignor.
Williams, Miles H., Los Angeles, Calif. Brake shoe assembling and disassembling device. 2,391,213; Dec. 18.
Williams, Norman D.: *See*—
Ross, W. B., Backoff, and Williams.
Williams, Norman D., and W. J. Backoff, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel adjuvant. 2,367,815; Jan. 23.
Williams, Norman D., Chicago, and W. J. Backoff, Elmhurst, assignors to The Pure Oil Company, Chicago Ill. Stabilized lubricants. 2,375,060; May 1.
Williams, Norman D., Chicago, and W. J. Backoff, Elmhurst, assignors to The Pure Oil Company, Chicago, Ill. Stabilized lubricant and preparing the lubricant additive for this lubricant. 2,375,061; May 1.
Williams, Norman H., assignor to Humphreys & Glasgow Limited, Westminster, England. Water gas and producer gas generator. 2,369,628; Feb. 13.
Williams, Paul H.: *See*—
Evans, T. W., and Williams.
Williams, Paul H., Berkeley, and S. A. Ballard and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of phenolic compounds. 2,369,196; Feb. 13.
Williams, Paul H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Esters of thiocyano-substituted organic acids. 2,376,105; May 15.
Williams, Philip S., and M. W. Kriegel, Tulsa, Okla., assignors to Standard Oil Development Company. Apparatus for gas analysis. 2,389,706; Nov. 27.
Williams, Raleigh J., New Orleans, La. Grapple. 2,367,252; Jan. 16.
Williams, Ralph T., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Battery charging system. 2,377,596; June 5.
Williams, Robert A., Chicago, Ill. Bookbinding method and means. 2,371,566; Mar. 13.
Williams, Robert H.: *See*—
Badertscher, D. E., Williams, and Berger.
Williams, Robert H., Merchantville, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Mineral oil composition. 2,388,199; Oct. 30.
Williams, Rolla G., Thorntown, Ind. Diamond dressing tool and forming same. 2,368,696; Feb. 6.
Williams, Russell J., St. Louis, Mo., assignor to Bemis Bro. Bag Co., Minneapolis, Minn. Making bag bodies. 2,381,850; Aug. 7.
Williams, Russell J., Manhassett Village, assignor to Bemis Bro. Bag Company, St. Louis. Web pasting apparatus. 2,382,929; Aug. 14.
Williams, Russell J., Manhassett Village, assignor to Bemis Bro. Bag Company, St. Louis, Mo. Laminating apparatus. 2,382,930; Aug. 14.
Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control system. 2,366,583; Jan. 2.
Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Record controlled system. 2,386,763; Oct. 16.
Williams, Sharon H., Lindale, Ga. Loom weaver's implement. 2,374,795; May 1.
Williams, Sidney B., West Caldwell, N. J., assignor to Curtiss-Wright Corporation. Arc decreasing circuit. 2,386,377; Oct. 9.
Williams, Vernon H.: *See*—
Bryce, G., and Williams.
Williams, Virginia R.: *See*—
Fieger, E. A., and Williams.
Williams, William A.: *See*—
De Lanty, L. J., and Williams.
Williams, William C., Santa Monica, Calif. Drill jig. 2,381,943; Aug. 14.
Williams, William E., Pasadena, Calif. Ophthalmic mounting, more particularly lenses for mountings, and making the same. 2,387,789; Oct. 30.
Williams, William E., Pasadena, Calif. Making cold shaped polymerized article. 2,390,567; Dec. 11.
Williams, William G., Anaheim, Calif. Tie rack. 2,367,253; Jan. 16.
Williams, William W., Albany, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of azo dyestuffs. Re. 22,705; Dec. 25.
Williams, William W., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of azo dyestuffs. 2,374,063; Apr. 17.
Williams, William W., Jr., Columbus, Ohio. Hydraulic drawbar lift for tractors. 2,375,970; May 15.
Williamson, Arthur T., Northwich, and F. Bradley, London, England, assignors to Imperial Chemical Industries Limited. Absorption of bromine. 2,388,586; Nov. 6.
Williamson, Charles D., Fort Worth, Tex. Fabric and garment construction. 2,380,137; July 10.
Williamson, Colin M., Bourne End, and S. Williamson, Swallowfield, England. Cinematograph camera. 2,372,637; Mar. 27.
Williamson, Fred L.: *See*—
Weichbrodt, P. P., and Williamson.
Williamson, H. H.: *See*—
Johnson, Charles S., assignor.
Williamson, Hilding V., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,387,963; Oct. 30.
Williamson, Larkin R., assignor to E. W. Bliss Company, Brooklyn, N. Y. Boring machine. 2,370,384; Feb. 27.
Williamson, Marshall I.: *See*—
Carruth, H. A., and Williamson.
Ringler, W. A., and Williamson.
Williamson, Marshall I., New Haven, Conn. Dispensing container. 2,366,226; Jan. 2.
Williamson, Marshall I., New Haven, Conn. Multicompartment carton. 2,387,790; Oct. 30.
Williamson, Marshall I., New York, N. Y., assignor to National Folding Box Company, New Haven, Conn. Extensible dispensing container. 2,367,706; Jan. 23.
Williamson, Marshall I., New York, N. Y., assignor to National Folding Box Company, New Haven, Conn. Container. 2,377,471; June 5.
Williamson, Marshall I., New York, N. Y., and H. A. Carruth, Northford, assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,386; Feb. 13.
Williamson, Marshall I., New York, N. Y., and H. A. Carruth, Northford, assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,387; Feb. 13.
Williamson, Marshall I., New York, N. Y., and H. A. Carruth, Northford, assignors to National Folding Box Company, New Haven, Conn. Hinged cover container. 2,369,389; Feb. 13.
Williamson, Marshall I., New Haven, and V. R. Pantalone, Hamden, assignors to National Folding Box Company, New Haven, Conn. Self-locking container. 2,373,730; Apr. 17.
Williamson, Marshall I., New York, N. Y., and R. Fink, Easthaven, Conn., assignors to National Folding Box Company, New Haven, Conn. Display container and blank therefor. 2,391,285; Dec. 18.
Williamson, Martin B.: *See*—
Patterson, W. I., and Williamson.
Williamson, Russell B., Milwaukee, Wis., assignor to P. H. Waller, Wilmette, and to C. C. Kirk, Western Springs, Ill. Building construction. 2,378,275; June 12.
Williamson, Stuart: *See*—
Williamson, Colin M. and S.
Willing, Joseph E., Rochester, and R. J. Little, Town of Gates, Monroe County, assignors to General Railway Signal Company, Rochester, N. Y. Relay temperature compensating means. 2,366,992; Jan. 9.
Willingham, Thomas A.: *See*—
Pollak, A., and Willingham.
Willis, Bernard D., deceased, Oak Park, by W. W. Owen, Elgin, Ill., executor, assignor to Automatic Electric Laboratories, Inc. Automatic switching system. 2,388,810; Nov. 13.
Willis, Bernard D., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Switching apparatus. 2,389,571; Nov. 20.
Willis, Bernard L.: *See*—
Fulkerson, Charles C., assignor.
Westfall, Robert W., assignor.
Willis, Cecil H. N. R., assignor to Appleford Paper Products, Ltd., Hamilton, Ontario, Canada. Dispensing container for roll paper. 2,390,407; Dec. 4.
Willis, Durward E., Tampa, Fla. Vehicle landing gear. 2,381,529; Aug. 7.

Willis, Floyd, Jr., Tulsa, Okla. Lighting control system. 2,380,486; July 31.
Willis, Litta, et al.: *See*—
Carstarphen, William P., assignor.
Willison, Walter W., Chicago, Ill. Making coffee tablets. 2,371,093; Mar. 6.
Willkie, Herman F., Prospect, assignor to Joseph E. Seagram & Sons, Inc., Shively, Ky. Distilling spirituous liquors. 2,383,176; Aug. 21.
Willman, Philip E., Chicago, assignor to McGraw Electric Company, Elgin, Ill. Military tool. 2,368,792; Feb. 6.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America, Pittsburgh, Pa. Producing magnesium containing beryllium. 2,383,281; Aug. 21.
Willmore, Charles B., New Kensington, and F. D. Chew, Haffey, assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,203; Oct. 16.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America. Pittsburgh, Pa. Making beryllium fluoride. 2,387,204; Oct. 16.
Willmore, Charles B., New Kensington, and F. D. Chew, Haffey, assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,205; Oct. 16.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,206; Oct. 16.
Willmore, Charles B., New Kensington, Pa., and F. D. Chew, Detroit, Mich., assignors to Aluminum Company of America, Pittsburgh, Pa. Making beryllium fluoride. 2,387,207; Oct. 16.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Drilling machine. 2,379,944; July 10.
Wilmotte, Raymond M., Washington, D. C. Frequency modulation system. 2,388,200; Oct. 30.
Wilmotte, Raymond M., Washington, D. C. Frequency modulation system. 2,386,528; Oct. 9.
Wilmotte, Raymond M., Washington, D. C. Direct current amplifier. 2,391,532; Dec. 25.
Willner, Burton, Chicago, Ill. Defrosting device for goggles. 2,380,353; July 10.
Willock, Harry E., Vancouver, British Columbia, Canada. Motor vehicle chassis. 2,366,166; Jan. 2.
Willoughby, Victor: *See*—
Schroeder, E. R., and Willoughby.
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Railway hopper construction. 2,385,245; Sept. 18.
Willrodt, Frederick L., Ohama, Nebr. Machine for gathering and stacking materials such as hay and the like. 2,372,870; Apr. 3.
Wills, Marion C., Topeka, Kans., assignor to Standard Steel Works, North Kansas City, Mo. Mounting for road rollers and similar devices. 2,386,025; Oct. 2.
Wills, Walter P.: *See*—
Asset, G., Curran, and Wills.
Wills, Walter P., assignor to The Brown Instrument Company. Philadelphia, Pa. Measuring apparatus. 2,367,914; Jan. 23.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,375,158; May 1.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,375,159; May 1.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,376,527; May 22.
Wills, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and controlling apparatus. 2,385,481; Sept. 25.
Willys-Overland Motors, Inc.: *See*—
Roos, Delmar G., assignor.
Wilmanns, Gustav: *See*—
Loleit, H., and Wilmanns.
Wilmes, William L., J. W. Baur, and E. Gustafsson, assignors to Binks Manufacturing Company, Chicago, Ill. Atomizing nozzle. 2,378,348; June 12.
Wilmington Chemical Corporation: *See*—
Rostler, F., and Bornstein, assignors.
Wilms, Henry F., assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Industrial truck. 2,371,661; Mar. 20.
Wilputte Coke Oven Corporation: *See*—
Wilputte, Louis, assignor.
Wilputte, Louis, assignor to Wilputte Coke Oven Corporation, New York, N. Y. Combination coke oven door-handling, pushing, and leveling machine. 2,391,214; Dec. 18.
Wils-Edge Corporation: *See*—
Williams, Arthur F., assignor.
Wilsey, Irven H., Chicago, and J. W. Meaker, Evanston Ill. Perforation of sheet material by electrical discharges. 2,379,846; July 3.
Wilsey, Irven H., and A. E. Neumann; said Neumann assignor to said Wilsey; R. A. Wilsey, executrix of said I. H. Wilsey, deceased, Chicago, Ill. Method and apparatus for perforating sheet material. 2,385,246; Sept. 18.

Wilsey, Ruth A., executrix: *See*—
Wilsey, I. H., and Neumann.
Wilsmann, Wilhelm, Oelde, Germany; vested in the Alien Property Custodian. Pump. 2,376,744; May 22.
Wilson, Alexander L., Sharpsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation. Solvent extraction of hydrocarbons. 2,381,092; Aug. 7.
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for forming venetian blind slats. 2,370,215; Feb. 27.
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Container and forming the same. 2,378,878; June 19.
Wilson, Arthur P.: *See*—
Pontius, G. W., III, and Wilson.
Wilson, Carroll J.: *See*—
McNab, J. G., Wilson, and Winning.
Wilson, Charles, St. Louis, Mo. Game of skill. 2,371,567; Mar. 13.
Wilson, Charles E., Bluefield, W. Va. Amusement device. 2,373,367; Apr. 10.
Wilson, Charles O., St. Paul, Minn., and J. H. Boothe, Pearl River, N. Y., assignors to Regents of the University of Minnesota, Minneapolis, Minn. Thio-barbiturates. 2,386,026; Oct. 2.
Wilson, Christopher L., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monufacture of tetrahydrofuran. 2,366,464; Jan. 2.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacture of metallic compounds. 2,376,467; May 22.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacture of sponge rubber. 2,381,706; Aug. 7.
Wilson & Company, Inc.: *See*—
Hodson, George F., assignor.
Safrin, Leopold, assignor.
Selby, Theodore R., assignor.
Wilson, Cyril D., Metuchen, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic emulsions, developers, and processes of photography. 2,377,302; May 29.
Wilson, Delbert I.: *See*—
Joyce, W. E., Himes, and Wilson.
Wilson, Delbert I., assignor to The City Engineering Company, Dayton, Ohio. Compensating apparatus for contour turning. 2,368,793; Feb. 6.
Wilson, Delbert I., assignor to The City Engineering Company, Dayton, Ohio. Spring driven guide bushing. 2,368,794; Feb. 6.
Wilson, Delbert I., assignor to The City Engineering Company, Dayton, Ohio. Live collet for screw machines. 2,369,330; Feb. 13.
Wilson, Earl: *See*—
Pitre, A. S., and Wilson.
Wilson, Earl L., assignor to Columbian Rope Company, Auburn, N. Y. Ladder. 2,388,892; Nov. 13.
Wilson, Edgar I., assignor of one-third to J. M. Wilson and one-third to L. A. Larson, Oakland, Calif. Eyeglass, shield, or the like. 2,388,626; Nov. 6.
Wilson, Elwood J., Jr.: *See*—
Muma, J. R., Wilson, and Haskins.
Wilson, Elwood J., Jr., Garden City, N. Y., assignor to Sperry Gyroscope Company, Inc. Switch electrolyte. 2,387,313; Oct. 23.
Wilson, Evan F., Akron, and J. L. Oberg, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Jersey City, N. J. Coated weld rods. 2,368,280; Jan. 30.
Wilson, Florus E., Dayton, Ohio. Crankcase flusher. 2,385,393; Sept. 25.
Wilson, Frank C., Arcade, N. Y. Bomb loading press. 2,373,799; Apr. 17.
Wilson, Frank H.: *See*—
Cooper, Hugh S., assignor.
Wilson, George B., Los Angeles, Calif. Buckle and buckle connection. 2,379,128; June 26.
Wilson, George K., assignor to Decum Syndicate, Toronto, Ontario, Canada. Fuel atomizer. 2,374,517; Apr. 24.
Wilson, Gerald, Pelham Manor, N. Y. Shears. 2,372,242; Mar. 27.
Wilson, Gilbert T., Karori, Wellington, New Zealand. Apparatus for launching or assisting in the launching of airplanes. 2,379,267; June 26.
Wilson, Golder P., Alton, and E. Hartshorne, Godfrey, Ill., assignors to Olin Industries, Inc. Metallurgical apparatus. 2,377,597; June 5.
Wilson, H. A., Company, The: *See*—
Strong, Judson, assignor.
Wilson, Harland D., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Storage battery electrode. 2,367,453; Jan. 16.
Wilson, Harland D., Toledo, Ohio. Battery filling and venting means. 2,391,666; Dec. 25.
Wilson, Harry, Dayton, Ohio. Retainer for parachute shroud lines. 2,366,764; Jan. 9.
Wilson, Harry, Dayton, Ohio. Preparing parachutes for packing, storage, and use. 2,386,829; Oct. 16.
Wilson, Harry C., Huntington Park, assignor to R. H. Clark, Los Angeles, Calif. Fixture for grinding thread-cutting tools. 2,385,902; Oct. 2.
Wilson, Howard, Lockport, Ill., assignor to The Texas Company, New York, N. Y. Coking hydrocarbon oil. 2,380,713; July 31.

Wilson, Ira G.: *See*—
Bollman, J. H., and Wilson.
Wilson, Irene H.: *See*—
Wilson, Walter A., assignor.
Wilson, Jack, Chicago, Ill., assignor to Universal Railway Devices Company. Drop staff brake mechanism. 2,371,326; Mar. 13.
Wilson, James A., Linden, N. J., assignor to Standard Oil Development Company. Spectrograph. 2,388,105; Oct. 30.
Wilson, James B.: *See*—
Rougemont, R. L., and Wilson.
Wilson, James W.: *See*—
Levetus, Francis B., and Wilson.
Wilson, John A., and N. H. Sutterfield, assignor to The Timken-Detroit Axle Company, Detroit, Mich. Heating unit. 2,373,731; Apr. 17.
Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Method and apparatus for maintaining uniform temperature of diverse fluids in a machine tool. 2,384,225; Sept. 4.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Television scanning system. 2,384,717; Sept. 11.
Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Spindle shaft with intermediate ball bearing. 2,391,375; Dec. 18.
Wilson, John E., Watsontown, Pa. Substitute for tin horns. 2,385,752; Sept. 25.
Wilson, John L., and E. E. Mendenhall, St. Paul, Minn., assignors to Economics Laboratory, Inc. Concentration cell and temperature compensator. 2,370,609; Feb. 27.
Wilson, John M.: *See*—
Beam, V. O., and Wilson.
Sparrow, H. T., and Wilson.
Wilson, Edgar I., assignor.
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,377,535; June 5.
Wilson-Jones Company: *See*—
Dawson, G. H., and Unger, assignors.
Unger, Paul O., assignor.
Wilson, Lawrence A.: *See*—
Cleven, O. B., and Wilson.
Wilson, Melville M., and W. E. Berry, Cincinnati, Ohio, assignors to Interchemical Corporation, New York, N. Y. Wood finishing system. 2,381,944; Aug. 14.
Wilson, Norman B.: *See*—
Johnston, F. L., and Wilson.
Wilson, Norman B., Toronto, Ontario, Canada. Centrifugal clutch. 2,381,196; Aug. 7.
Wilson, Oliver W., New York, N. Y., and W. D. Foster, Eustis, Fla., said Wilson assignor to said Foster. Film handling apparatus and magazine for use therewith. 2,391,497; Dec. 25.
Wilson, Philip J., Jr.: *See*—
Wells, J. H., and Wilson.
Wilson, Raymond W., Glendale, Calif. Jet nozzle. 2,382,688; Aug. 14.
Wilson, Richard C.: *See*—
Gondek, J. T., and Wilson.
Wilson, Richard N., Lansing, Mich. Detachable heel for shoes. 2,379,559; July 3.
Wilson, Richard W.: *See*—
Wilson, Robert C., assignor.
Wilson, Robert C., assignor of one-quarter to R. W. Wilson, Chula Vista, Calif. Combined spoon and lid for containers. 2,375,266; May 8.
Wilson, Robert C., Chula Vista, assignor of one-fourth to L. Alcumbrack, Imperial Beach, Calif. Combined electric razor casing and cord support. 2,383,031; Aug. 21.
Wilson, Robert T.: *See*—
Lewis, James O., assignor.
Wilson, Robert W., et al.: *See*—
Smith, Merton J., assignor.
Wilson, Rosser L., Mahwah, N. J., assignor to American Brake Shoe Company, Wilmington, Del. Iron casting. 2,370,279; Feb. 27.
Wilson, Rufus W.: *See*—
Rodli, G., and Wilson.
Wilson, Sydney, London, England. Crane. 2,375,337; May 8.
Wilson, Thomas A., Stratford, assignor to United Aircraft Corporation, East Hartford, Conn. Cooling means for electrode tips. 2,388,587; Nov. 6.
Wilson, Walter A., assignor of one-half to I. H. Wilson, New Orleans, La. Cable slitter. 2,373,868; Apr. 17.
Wilson, Wilfrid J.: *See*—
Baird, W., Hill, Harris, Oakeshott, and Wilson.
Wilson, Wilfred, Van Tetreau, Quebec, Canada. Cable layer. 2,372,921; Apr. 3.
Wilson, William, Cleveland, and J. J. Brutvan, Bedford, assignors to The Cleveland Twist Drill Company, Cleveland, Ohio. Salt bath furnace. 2,386,529; Oct. 9.
Wilson, William E., Los Angeles, Calif. Revolving shelving for refrigerators and the like. 2,380,005; July 10.
Wilson, William G.: *See*—
Calvin, F. O., Wilson, and Smith.
Wilson, William W., Memphis, Tenn. Studio couch. 2,375,716; May 8.
Wimer, Howard D., Jr., and F. P. Bender, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Hinge bracket and attachment. 2,376,745; May 22.
Wimpfen, Magda, (judicial change of name): *See*—
Wimpfheimer, Paul and M.
Wimpfen, Paul, (judicial change of name): *See*—
Wimpfheimer, Paul and M.
Wimpfheimer, Magda: *See*—
Wimpfheimer, Paul and M.
Wimpfheimer, Paul, and M., New York, N. Y., now by judicial change of name P. and M. Wimpfen. Small flashlight structure. 2,370,601; Feb. 27.
Winans, Charles F.: *See*—
Clifford, A. M., and Winans.
Wincapaw, Edwina R., administratrix: *See*—
Wincapaw, Leland S.
Wincapaw, Leland S., deceased, by E. R. Wincapaw, administratrix, Grass Valley, Calif. Fuse lighter. 2,367,915; Jan. 23.
Wincharger Corporation: *See*—
Albers, John R., assignor.
Winchell, Grant: *See*—
Carter, W. and Winchell.
Winchester, Amos J., Jr., Swissvale, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Time delay circuits. 2,389,396; Nov. 20.
Winckler Engineering Laboratories, Inc.: *See*—
Winckler, Gunnar A., assignor.
Winckler, Gunnar A. F., assignor.
Winckler, Gunnar A. F., Elkton, Md., assignor to Winckler Engineering Laboratories, Inc., Boston, Mass. Nondeteriorating dry battery. 2,368,697; Feb. 6.
Winckler, Gunnar A. F., Elkton, Md., assignor to Winckler Engineering Laboratories, Inc., Boston, Mass. Battery construction. 2,369,931; Feb. 20.
Windblad, Victor W.: *See*—
Pollard, S. M., and Windblad.
Winders, Rex R.: *See*—
Geist, A. M., and Winders.
Windfields Limited: *See*—
Duffield, William A., assignor.
Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Multiple base exchange silicates. 2,368,510; Jan. 30.
Windschauer, Leib, Berlin, Germany; vested in the Alien Property Custodian. Apparatus for the preparation of textile threads. 2,375,971; May 15.
Windsor, George H., Tujunga, Calif. Litter supporting apparatus. 2,391,051; Dec. 18.
Wine William E., Toledo, Ohio. Traction unit. 2,383,282; Aug. 21.
Wineland, Harry W., Independence, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Gauging apparatus. 2,377,738; June 5.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,377,913; June 12.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Expansible chamber motor. 2,378,965; June 26.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Control system. 2,387,549; Oct. 23.
Winer, Albert: *See*—
Winer, Ephraim and A.
Winer, Ephraim and A., Baltimore, Md., assignors to the Government of the United States of America as represented by the Secretary of War. Litter. 2,387,376; Oct. 23.
Wing, L. J., Mfg. Co.: *See*—
Wheller, Harry S., assignor.
Wing, Wallace E., assignor to Marblehead Lime Company Chicago, Ill. Separating magnesia from dolomite. 2,386,027; Oct. 2.
Wingert, Paul, Montpelier, Ohio. Internal construction for stoves and furnaces. 2,390,483; Dec. 4.
Wingfield, John B., Umatilla, Fla. Sandal. 2,387,819; Oct. 30.
Wingfoot Corporation: *See*—
Bateman, Ralph C., assignor.
Borders, A. M., Wolfe, Osterhof, and Walton, assignors.
Carson, Clarence M., assignor
Cavallito, Chester J., assignor.
Cheyney, La Verne E., assignor.
Cheyney, La V. E., and Osterhof, assignors.
Clifford, Albert M., assignor.
Clifford, A. M., and D'Ianni, assignors.
Clifford, A. M., and Gleim, assignors.
Clifford, A. M., and Lichty, assignors.
Clifford, A. M., and Winans, assignors.
Clifford, A. M., and Wolfe, assignors.
Cooper, J. F., Schnitzer, and Flickinger, assignors.
Cox, Fred W., assignor.
D'Ianni, James D., assignor.
Dinsmore, Ray P., assignor.
Gardner, Charles E., assignor.
George, E. D., and Lammertse, assignors.
Hardman, Albert F., assignor.
Kilborn, Karl B., assignor.
Lichty, Joy G., assignor.
Lichty, J. G., and Seeger, assignors.
Long, John R., assignor.
Manchester, Frank H., assignor.
McNeil, Gordon I., assignor.
Milone, Charles R., assignor.
Moore, D. V., and Thompson, assignors.

Wingfoot Corporation: *See*—Continued
Morris, Wilford E., assignor.
Osterhof, Harold J., assignor.
Osterhof, H. J., and Cheyney, assignors.
Roquemore, Glen F., assignor.
Schaefer, Frederic C., assignor.
Scott, Winfield, assignor.
Shaw, Elgin L., assignor.
Snyder, James E., assignor.
Thies, Herman R., assignor.
Thies, H. R., and Carson, assignors.
Thompson, Harry H., assignor.
Torrey, Joseph, assignor.
Van Orman, Ward T., assignor.
Watt, George W., assignor.
Zarth, Charles E., assignor.

Wingquist, Sven G., Remningstorp, Skara, Sweden. Universal joint. Re. 22,600; Feb. 6.

Winkel, Herbert C., Maywood, Ill. Grid trimmer. 2,375,717; May 8.

Winkel, Victor J., Portland, Oreg., assignor to Timber Structures, Inc. Manufacturing laminated building members. 2,389,944; Nov. 27.

Winkelmann, Samuel A., West Columbia, Tex., assignor to The Texas Company, New York, N. Y. Water treatment. 2,385,903; Oct. 2.

Winkels, Walter G., U. S. Navy, and T. W. Ashcroft, Beloit, Wis., assignors to Fairbanks, Morse & Co., Chicago, Ill. Crankcase air-pressure control means. 2,375,718; May 8.

Winkler, Albert H., and J. H. Core, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,390,019; Nov. 27.

Winkler, De Loss E., Berkeley, and S. A. Ballard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic production of phenolic compounds. 2,369,197; Feb. 13.

Winkler, George W., Grantwood, N. J. Apparatus for raising sunken vessels. 2,372,039; Mar. 20.

Winkler, Louis T., London, England. Electrical method of and apparatus for the analysis or identification of gases, vapors, and the like. 2,387,550; Oct. 23.

Winkler, Wynne G., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,369,511; Feb. 13.

Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel breasting machine. 2,385,482; Sept. 25.

Winlund, Edmond S., Moorestown, N. J., assignor to Radio Corporation of America. Reverberation meter. 2,384,868; Sept. 18.

Winn, Sidney B., Lapeer, Mich. Tractor trailer assembly. 2,367,550; Jan. 16.

Winn, Willis E., Huntington, Ind. Pipe joint. 2,391,761; Dec. 25.

Winnek, Philip S., Stamford, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulphanilamido pyridazine. 2,371,115; Mar. 6.

Winnek, Philip S., Riverside, and H. E. Faith, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing sulphanilyl guanidine. 2,380,006; July 10.

Winnek, Philip S., and E. R. Bockstahler, Indianapolis, Ind., assignors to Allied Laboratories, Inc., Kansas City, Mo. Compounds of 2-sulphanilamido-5-carboxythiazole with vasoconstrictors and their solutions. 2,389,582; Nov. 20.

Winning, Carl: *See*—
McNab, J. G., Wilson, and Winning.

Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve protective system. 2,391,812; Dec. 25.

Winona Tool Mfg. Company: *See*—
Fuglie, Elmer A., assignor.
Fuglie, E. A., and Anderson, assignors.

Winsen, Walter W., Johannesburg, Transvaal, Union of South Africa. Manufacture of hats. 2,370,509; Feb. 27.

Winsen, Walter W., Johannesburg, Transvaal, Union of South Africa. Hat brim forming block. 2,370,510; Feb. 27.

Winslow, Albert E., Norwich, Conn., assignor to Atwood Machine Company. Wire laying head. 2,371,939; Mar. 20.

Winslow, Albert E., Norwich, Conn., assignor to Atwood Machine Company. Winding machine. 2,373,073; Apr. 3.

Winslow, Albert E., Norwich, Conn., assignor to Atwood Machine Company. Stop motion for yarn handling machines. 2,375,605; May 8.

Winslow, Albert E., Mystic, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Builder motion. 2,380,354; July 10.

Winslow, Albert E., Mystic, assignor, by mesne assignments, to Farrel-Birmingham Company, Incorporated, Ansonia, Conn. Yarn twister. 2,385,046; Sept. 18.

Winslow, Arthur F., Scotia, N. Y., assignor to General Electric Company. Fabrication of quartz resonators. 2,376,219; May 15.

Winslow, Douglas R., Glendale, Calif. Child's folding vehicle. 2,377,198; May 29.

Winslow, James C.: *See*—
York, J. O., and Winslow.

Winslow, Samuel J., Providence, R. I. Wall or table mirror. 2,368,959; Feb. 6.

Winston, Harry, Inc.: *See*—
Radu, John W., assignor.

Winted, Otto W., Grand Island, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Finishing welded joints. 2,373,440; Apr. 10.

Winter, Arthur C., Teaneck, assignor of one-tenth to H. J. Lucke, East Orange, N. J., and one-twentieth to P. A. Mallinckrodt, Salt Lake City, Utah. Code-controlled apparatus. 2,384,513; Sept. 11.

Winter, Arthur C., Teaneck, assignor of one-tenth to H. J. Lucke, East Orange, N. J., and one-twentieth to P. A. Mallinckrodt, Salt Lake City, Utah. Code-controlled apparatus. 2,384,514; Sept. 11.

Winter, Charles L., Chicago, Ill., assignor to United Autographic Register Company. Stationery feeding and trimming device. 2,390,907; Dec. 11.

Winter, Ernest A.: *See*—
Rembert, E. W., Winter, and Reinecker.

Winter, Gustaf E.: *See*—
Clem, E. W., and Winter.

Winter, Henry A., Denver, Colo. Electric invalid hoist. 2,368,390; Jan. 30.

Winter, Ireal A., Birmingham, Ala. Automatic stoker. Re. 22,694; Nov. 20.

Winter, Otto W., Birmingham, Mich., and C. W. Middlestead, Warren, Ohio, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Adjustable support for welding machines. 2,377,289; May 29.

Winter, William G., assignor to Yeomans Brothers Company, Chicago, Ill. Pneumatic sewage ejecting apparatus. 2,373,935; Apr. 17.

Winterhalter, Martin, Morcote, near Lugano, Switzerland. Producing slide fastener elements. 2,366,948; Jan. 9.

Winterhalter, Martin, Morcote, near Lugano, Switzerland. Slider for slide fasteners. 2,373,523; Apr. 10.

Winterhalter, Martin, Morcote, near Lugano, Switzerland. Separable fastener. 2,380,623; July 31.

Winteringham, David F., assignor to A. W. Carter, Vancouver, British Columbia, Canada. Ejector. 2,380,714; July 31.

Winters & Crampton Corporation: *See*—
Anderson, Lloyd L., assignor.

Winters, Frank, Larchmont, assignor to Rex Products Corporation, New Rochelle, N. Y. Clutch clasp for studded buttons, etc. 2,372,922; Apr. 3.

Winters, Starling, Englewood, N. J. Hitching device. 2,371,662; Mar. 20.

Winters, William P., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Transfer mechanism for can parts. 2,383,528; Aug. 28.

Wintersteen, Vaude L., Timpas, Colo. Trap gun. 2,377,658; June 5.

Winterstein, Alfred, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Tetrahydro trihydroxy-abietic acid. 2,370,900; Mar. 6.

Winther, Howard: *See*—
Folke, B. E., and Winther.

Winther, Martin P., trustee: *See*—
Winther, Martin P., assignor.

Winther, Martin P., Waukegan, Ill., assignor to himself, as trustee. Electromagnetic apparatus. 2,367,163; Jan. 9.

Winther, Martin P., Waukegan, Ill., assignor to Martin P. Winther, as trustee. Eddy-current apparatus. 2,367,636; Jan. 16.

Winther, Martin P., Waukegan, Ill., assignor to M. P. Winther, as trustee. Engine loading and testing system. 2,389,572; Nov. 20.

Winthrop Chemical Company, Inc.: *See*—
Andersag, A., and Westphal, assignors.
Andersag, H., and Westphal, assignors.
Auerbach, Morris E., assignor.
Bockmühl, M., Schaumann, Bartholomäus, and Leditschke, assignors.
Hiemenz, W., and Setz, assignors.
Kuhn, R., and Westphal, assignors.
Pfaff, K., Erlenbach, Finkenbrink, Maier-Bode, Meisenburg, and Meisenheimer, assignors.
Surrey, Alexander R., assignor.

Wintle, Thomas D. G.: *See*—
McLoughlin, H. F., Hill, Morgan, and Wintle.

Winton, Lewis B., Greenwich, Conn., assignor, by mesne assignments, to Jerguson Gage & Valve Company, Somerville, Mass. Liquid level indicator. 2,391,852; Dec. 25.

Wintringham, Andrews C., Glen Ridge, N. J., assignor to American Cyanamid Company, New York, N. Y. Melamine process. 2,373,869; Apr. 17.

Wintsch, Max T., assignor of fifty-one percent to N. M. Weaver, Lancaster, Pa. Trackway system for train control. 2,371,568; Mar. 13.

Winward, Wilbur J.: *See*—
Munning, August P.

Wippel, Robert P., Kansas City, Kans. Tractor plow. 2,386,378; Oct. 9.

Wipperman, Hildegard, Chicago, and M. Martin, Riverside, assignors to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 2,378,167; June 12.

Wires, Frank J., New Orleans, La. Marine torpedo. 2,382,593; Aug. 14.

Wirkkala, Oscar A., Seattle, Wash. Cargo handling rigging. 2,371,009; Mar. 6.

Wirkkala, Oscar A., Seattle, Wash. Shackle. 2,375,719; May 8.
Wirt, John R., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Workholder for arc-welding apparatus. 2,391,762; Dec. 25.
Wirtel, Arthur F.: *See*—
De Groote, M., Keiser, and Wirtel.
Wirtel, Arthur F., Kirkwood, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Chemical compound and producing same. 2,375,606; May 8.
Wirth, James F.: *See*—
Cuddigan, B. O., and Wirth, assignors.
Wirth, Otto, assignor to Micafil Ltd. Works for Electrical Insulation and Winding Machines, Zurich, Switzerland. Machine for winding the stators of electric motors. 2,389,336; Nov. 20.
Wirth, Walter V., and J. V. Vaughen, Woodstown, N. J., assignors to E. I. du Point de Nemours & Company, Wilmington, Del. Intermediate for azo dyes. 2,370,339; Feb. 27.
Wirts, John J., Cleveland, Ohio, assignor to Chicago Pump Company. Comminutor base seal. 2,375,455; May 8.
Wirz, Albert, Basle, Switzerland. Door lock. 2,382,762; Aug. 14.
Wisberg, Carl C.: *See*—
Phillips, S. H., and Wisberg.
Wisconsin Alumni Research Foundation: *See*—
Allen, T. C., and Harris, assignors.
Gilson, Warren E., assignor.
Link, Karl P., assignor.
Wise, Anthony G.: *See*—
Gillespie, A. A., and Hauser, and Wise.
Wise, Edward B., Butler, Pa. Antiaircraft shell. 2,368,587; Jan. 30.
Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting and accounting machine. 2,371,118; May 6.
Wise, Henry M., Jacksonville, Fla. Elastic measuring scale. 2,388,303; Nov. 6.
Wise, John K.: *See*—
Scholz, H. A., Wise, Gill, and Schmidt.
Wise, John K., assignor to United States Gypsum Company, Chicago, Ill. Testing a pigment. 2,385,560; Sept. 25.
Wise, Lawrence, Bronx, assignor to Playette Corporation, New York, N. Y. Toy theater stage. 2,368,188; Jan. 30.
Wise, Raleigh J.: *See*—
Ridings, G. H., and Wise.
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Automatically adjustable recording means. 2,375,267; May 8.
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Facsimile recording system and apparatus. 2,376,888; May 29
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Signal recording apparatus. 2,384,515; Sept. 11.
Wise, Solomon, Shaker Heights, Ohio. Locked filling cap for fuel tanks. 2,391,498; Dec. 25.
Wiseman, Earl L., University Heights, assignor to The Swartwout Company, Cleveland, Ohio. Ventilator. 2,367,454; Jan. 16.
Wiseman, Max, London, England. Spectacle hinge. 2,376,468; May 22.
Wiseman, William A.: *See*—
Majneri, L. A., and Wiseman.
Wiser, Guy B., Los Angeles, Calif. Book binding. 2,380,206; July 10.
Wisler, John J., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Air-cooled offset tip electrode. 2,389,945; Nov. 27.
Wisler, John J., Columbia, assignor to Armstrong Cork Company, Lancaster, Pa. Fluid-cooled offset tip electrode. 2,389,946; Nov. 27.
Wislicenus, George F., Summit, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Centrifugal pump. 2,376,528; May 22.
Wislicenus, George F., Summit, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Deep well pump. 2,387,377; Oct. 23.
Wisne, Anthony E., Detroit, Mich. Sine plate angle wheel dresser. 2,378,743; June 19.
Wisner, Carl V., Jr., trustee, et al.: *See*—
Schmitt, Arthur J., assignor.
Wisner, William R., Pawtucket, R. I., assignor to Corning Glass Works, Corning, N. Y. Glass tempering apparatus. 2,377,536; June 5.
Wisoff, Isaac J., Brooklyn, assignor to Noma Electric Corporation, New York, N. Y. Apparatus for turning out decorative material. 2,386,172; Oct. 2.
Witbro, Alexander W., assignor to The C. A. Lawton Company, De Pere, Wis. Wrapping machine and method. 2,380,816; July 31.
Witchger, Eugene S., Groose Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Reversible pump. 2,373,368; Apr. 10.
Withall, Albert P., et al., trustees: *See*—
Geiger, William A., assignor.
Witham, Arthur J.: *See*—
Cannon, Jesse A., assignor.
Witham, George S., Hudson Falls, N. Y. Paper making apparatus. 2,388,627; Nov. 6.
Witherspoon, Edith R., Englewood, N. J. Fastening means for compacts, refills, containers, and the like. 2,390,568; Dec. 11.
Witherspoon, Lillian S., Los Angeles, Calif. Handle for containers. 2,384,718; Sept. 11.
Withrow, Lloyd L.: *See*—
Fray, A. S., and Withrow.
Witkower, Max, Los Angeles, Calif. Nursing brassière. 2,386,530; Oct. 9.
Witkower, Max, Los Angeles, Calif. Brassière. 2,386,-531; Oct. 9.
Witkower, Max, Los Angeles, Calif. Brassière. 2,390,142; Dec. 4.
Witlin, Isadore B., Los Angeles, Calif. Slipper. 2,383,100; Aug. 21.
Witt, Walter, Brooklyn, N. Y. Collapsible stool. 2,385,900; Oct. 2.
Witte, Michael, Buffalo, assignor to Allied Chemical & Dye Corporation, New York, N. Y. Preparing 2,6-dinitro-4-sulpho-toluene. 2,378,168; June 12.
Witte, Paul J., New York, assignor to Tyler Laboratories, Incorporated, Brooklyn, N. Y. Solid iodine compositions and producing the same. 2,385,394; Sept. 25.
Witte, William F., Jr., Omaha, Nebr. Utensil cover. 2,385,594; Sept. 25.
Wittek Manufacturing Co.: *See*—
Hoeh, Joseph, assignor.
Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure release valve. 2,368,281; Jan. 30.
Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,368,795; Feb. 6.
Witter, Charles H., and M. J. Welter, Seneca, Ill. Gasket cutter. 2,368,908; Feb. 6.
Witthofft, Charles H., Detroit, assignor of one-half to J. F. Gohn, Grosse Ile, Mich. Agitating mechanism. 2,376,106; May 15.
Wittig, Carl H. O., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for mounting optical elements. 2,375,399; May 8.
Wittkuhns, Bruno A.: *See*—
Chafee, E. W., and Wittkuhns.
Wittkuhns, Bruno A., Summit, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Drift compensator for aircraft. 2,372,185; Mar. 27.
Wittle, Eugene L.: *See*—
Marker, R. E., and Wittle.
Wittlinger, Leonard M., Flint, Mich., and W. S. Brian, Owensboro, Ky., assignors to General Motors Corporation, Detroit, Mich. Mercury arc device. 2,385,561; Sept. 25.
Witty, George, New York, N. Y. Paper-coating composition and making same. 2,369,766; Feb. 20.
Witty, William M., Haddonfield, N. J., assignor to Radio Corporation of America. Electrical heating apparatus. 2,385,904; Oct. 2.
Wodell, William W.: *See*—
Castle, B. F., and Wodell.
Woditsch, Frank J., St. Clair Shores, assignor of one-half to R. C. Patzer, Detroit, Mich. Toy. 2,389,833; Nov. 27.
Woelfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Pump. 2,390,762; Dec. 11.
Woerner, Alfred: *See*—
Herold, P., and Kaufmann, and Woerner.
Woerner, Friedrich, Berlin, Germany; vested in the Alien Property Custodian. Undesired modulation detection. 2,378,612; June 19.
Woginrich, Joseph, Walnutport, Pa. Convertible velocipede. 2,390,484; Dec. 4.
Wognum, James N., assignor to Acme Steel Company, Chicago, Ill. Dispensing device. 2,385,956; Oct. 2.
Wohlhieter, Joseph W., East Orange, assignor to The Palnut Company, Irvington, N. J. Tube mount. 2,386,732; Oct. 9.
Wohlhieter, Joseph W., East Orange, assignor to The Palnut Company, Irvington, N. J. Clamp. 2,388,201; Oct. 30.
Wohlk, Aage, Great Neck, N. Y. Reclining chair. 2,374,848; May 1.
Woitscheck, Arno, Porz, near Cologne, Germany; vested in the Alien Property Custodian. Method of and device for producing sound band matrices. 2,385,595; Sept. 25.
Wojciekunas, Alexander N., and J. Faller, Jr., assignors to Chemical Process Development Corporation, Erie, Pa. Treating petroleum hydrocarbons. 2,367,081; Jan. 9.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee and tea maker. 2,381,151; Aug. 7.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee maker and filter therefor. 2,382,594; Aug. 14.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Seal for vacuum type coffee makers. 2,384,359; Sept. 4.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee maker. 2,386,532; Oct. 9.

Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Coffee percolator. 2,387,425; Oct. 23.
Wolcott, Frank E., and L. V. Lucia, West Hartford, assignors to The Silex Company, Hartford, Conn. Combination steaming and pressing iron. 2,371,569; Mar. 13.
Wolcott, Frank E., and L. V. Lucia, West Hartford, assignors to The Silex Company, Hartford, Conn. Filter frame. 2,373,987; Apr. 17.
Wolcott, Glenn W., assignor to United Aircraft Products, Inc., Dayton, Ohio. Plural-way cock. 2,376,022; May 15.
Wolcott, Glenn W., assignor to United Aircraft Products, Inc., Dayton, Ohio. Plural-way cock. 2,377,473; June 5.
Wolf, Alexander, and G. Herzog, Houston, Tex., assignors to The Texas Company. New York, N. Y. Device for recovering a radiation source. 2,382,279; Aug. 14.
Wolf, Arnold M.: *See*—
Lermont, B. and Wolf.
Wolf, Cecil R.: *See*—
Ferris, W. D., Wolf, and Foulds.
Wolf, Charles, Portland, Oreg. Falling saw. 2,391,286; Dec. 18.
Wolf, Charles, Trenton, N. J., assignor to Plasco, Inc., New York, N. Y. Decorated handbag. 2,390,021; Nov. 27.
Wolf, Clarence M., Reno, Nev. Antipressor renal extract 2,376,841; May 22.
Wolf, Edgar: *See*—
Waltmann, E., and Wolf.
Wolf, Edward, Stockton, Calif. Power-operated industrial lift truck. 2,384,059; Sept. 4.
Wolf, Edward, Stockton, Calif. Utility truck. 2,390,763; Dec. 11.
Wolf, Elias, et al: *See*—
Junkin, Malcolm P., assignor.
Wolf, Harry S., Brooklyn, N. Y. Film holding clip. 2,370,434; Feb. 27.
Wolf, Howard A., et al.: *See*—
Junkin, Malcolm P., assignor.
Wolf, Jacques, & Company: *See*—
Blihovde, Norman, assignor.
Wolf, John E., Dormont, Pa., assignor to Loftus Engineering Corporation. Door mechanism. 2,373,282; Apr. 10.
Wolf, Lester J., Audubon, N. J., assignor to Radio Corporation of America. High-frequency apparatus. 2,386,733; Oct. 9.
Wolf, Louis, et al.: *See*—
Junkin, Malcolm P., assignor.
Wolf, Richard J.: *See*—
Stein, W., and Wolf.
Wolf, Walter L., et al.: *See*—
Junkin, Malcolm P., assignor.
Wolfe, George H.: *See*—
Mackenzie, D. E., and Wolfe, assignors.
Wolfe, Harry H., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Air and signal line connections for retractable couplers. 2,378,455; June 19.
Wolfe, Kenneth R. D., assignor to Fisher Governor Company, Marshalltown, Iowa. Regulator control device. 2,366,585; Jan. 2.
Wolfe, Ralph M.: *See*—
Goodman, Harry, and Wolfe.
Wolfe, Raymond M., Louisville, Ky. Convertible shawl headpiece. 2,372,040; Mar. 20.
Wolfe, Robert Y., Rock Hill, S. C. Grave set. 2,376,107; May 15.
Wolfe, William D.: *See*—
Borders, A. M., Wolfe, Osterhof, and Walton.
Clifford, A. M., and Wolfe.
Wolfers, Philip, assignor of one-third to N. Brozan, A. Holman, and J. S. Halperin, New York, N. Y. Orienting device. 2,387,104; Oct. 16.
Wolfersperger, John J., Webster Groves, Mo. Gas burner. 2,385,854; Oct. 2.
Wolff, Carl P.: *See*—
Way, M. T., and Wolff.
Wolff, Hanns-Heinz, Berlin, Germany; vested in the Alien Property Custodian. Cathode ray tube. 2,370,700; Mar. 6.
Wolff, Hanns-Heinz, Berlin, Germany; vested in the Alien Property Custodian. Television method and arrangement for carrying out the same. 2,376,645; May 22.
Wolff, Hans H., assignor to Aktiebolaget Hammarbylampan, Stockholm, Sweden. Making grinding surfaces for charge containers. 2,381,413; Aug. 7.
Wolff, Harold I., assignor to Shell Development Company, San Francisco, Calif. Recovery and purification of iodine. 2,385,483; Sept. 25.
Wolff, Harold I., Los Angeles, assignor to Shell Development Company, San Francisco, Calif. Butadiene recovery. 2,390,764; Dec. 11.
Wolfinbarger, J. M., et al.: *See*—
Wagers, Beverly T., assignor.
Wolfner, Alfred S., Long Beach, N. Y. Preparation of stable binary motor fuel. 2,371,010; Mar. 6.
Wolfner, William F., II, Asbury Park, N. J., assignor to Photoswitch Incorporated, Cambridge, Mass. Photoelectric safety circuit. 2,375,456; May 8.
Wolford, Don S., and H. La Tour, assignors to The American Rolling Mill Company, Middletown, Ohio. Device for testing the compression characteristics of sheet metals. 2,384,411; Sept. 4.
Wolfram, William S., Scotch Plains, N. J., assignor to General Motors Corporation, Detroit, Mich. Fluid coupling. 2,380,681; July 31.
Wolfrom, Edith W., administratrix: *See*—
Westin, Charles J.
Wolfson, Kurt, Springfield, Mass. Printing process and device. 2,373,732; Apr. 17.
Wolgen Company: *See*—
Eilenberger, Stanley D., assignor.
Noble, S. G., and Wolgemuth.
Wolk, I., Louis: *See*—
Upham, J. D., and Wolk.
Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Dehydrogenation of aliphatic hydrocarbons. 2,367,479; Jan. 16.
Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Diolefin recovery. 2,386,379; Oct. 9.
Wolk, I. Louis, Bartlesville, Okla., assignor to Phillips Petroleum Company. Recovery of diolefins. 2,386,-734; Oct. 9.
Wolk, I. Louis, Bartlesville, Okla, assignor to Phillips Petroleum Company. Catalytic conversion process. 2,387,378; Oct. 23.
Wolk, I. Louis, and J. D. Upham, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic conversion and regeneration system. 2,374,151; Apr. 17.
Wolk, I. Louis, and T. H. Whaley, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic process. 2,374,518; Apr. 24.
Wolkenhauer, Gustav, Evanston, Ill. Shielding device. 2,373,214; Apr. 10.
Woller, Edward E., Kenosha, Wis., assignor to Simmons Company. Method and apparatus for making spring assemblies. 2,388,106; Oct. 30.
Wollin, Inc.: *See*—
Wollin, Robert H., assignor.
Wollin, Robert H., assignor to Wollin, Inc., Milwaukee, Wis. Trouser hanger. 2,382,459; Aug. 14.
Wollner, Joseph F., Feeding Hills, Mass. Universal joint construction. 2,378,349; June 12.
Wolman, Leonard, and H. Deutsch, Chicago, Ill. Convertible skirt and culotte. 2,368,189; Jan. 30.
Wolofski, Nicholas: *See*—
Haberstump, A. H., Jessup, and Wolofski.
Woloschak, Konstantin: *See*—
Lindsay, M. H. A. and Woloschak.
Wolper, Harry B., Chicago, Ill. Auxiliary unit for beverage brewers. 2,372,872; Apr. 3.
Wolper, Harry B., Chicago, Ill. Beverage brewer and filter. 2,376,410; May 22.
Wolstenholme, Harry F., Paterson, N. J. Rotary engine. 2,387,964; Oct. 30.
Wolteger, Zygmunt and H. Lerer, New York, N. Y. First aid kit. 2,391,112; Dec. 18.
Wolters, Carl F., and N. Y. Andersen, Kenmore, assignors to Remington Rand Inc., Buffalo, N. Y. Drawer guide. 2,382,363; Aug. 14.
Womble, Ewing, Memphis, assignor to Lewis Supply Company, Memphis, Tenn. Power plant. 2,371,011; Mar. 6.
Wood, Arthur G., Geronimo, Okla. Oil saving separator for cooling systems. 2,387,208; Oct. 16.
Wood, Charles H., Oakland, Calif. Bracket for supporting venetian blinds. 2,369,098; Feb. 6.
Wood, Charles M.: *See*—
Pfohl, A. J., and Wood.
Wood, Charles W., Schenectady, N. Y., assignor to General Electric Company. Differential cam mechanism. 2,383,833; Aug. 28.
Wood, Claude O., assignor to Goodman Manufacturing Company, Chicago, Ill. Device for controlling electric circuits. 2,366,305; Jan. 2.
Wood, Clyde M., Youngstown, Ohio, and C. L. Jones, Wilmington, Del.; said Wood assignor to "Automatic" Sprinkler Company of America, Youngstown, Ohio. Smooth surfaced tubular article. 2,369,629; Feb. 13.
Wood, Conrad, El Dorado, Ark., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fish lure. 2,382,595; Aug. 14.
Wood Conversion Company: *See*—
Anway, Herman W., assignor.
Brownlee, Robert N., assignor.
Heritage, Clark C., assignor.
Walter, Henry E., assignor.
Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. Astronomical camera. 2,384,666; Sept. 11.
Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,388,893; Nov. 13.
Wood, Edmund P., et al., trustees: *See*—
Boehmler, Erving M., assignor.
Wood, Floyd R., Carter Lake, Iowa. Device for parking airplanes. 2,391,608; Dec. 25.
Wood, Frank E.: *See*—
Cartter, W. G., and Wood.
Wood, Frederick C.: *See*—
Hall, A. J., and Wood.
Wood, Fremont E., Gabbs Valley, Nev. Motor ignition control. 2,389,103; Nov. 13.

Wood, Galen, assignor to Wood Treating Chemicals Company, St. Louis, Mo. Wood impregnation. 2,382,374; Aug. 14.
Wood, Gar, Industries, Inc.: *See*—
Shaeffer, George D., assignor.
Wood, Louis S., assignor.
Wood, Henry W.: *See*—
Kendall, J. D., Suggate, and Wood.
Kendall, J. D., Wood, and Majer.
Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,387,209; Oct. 16.
Wood, George R., Montreal, Quebec, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Food handling apparatus. 2,388,588; Nov. 6.
Wood, Jacob C., Duke, Ala. Airplane. 2,381,021; Aug. 7.
Wood, James T., Jr., San Marino, and E. L. Davis, Long Beach, Calif., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Formation tester. 2,375,972; May 15.
Wood, John, Manufacturing Company, Inc.: *See*—
Woodford, Joseph C., assignor.
Wood, Jonathan E.: *See*—
Dick, George F. and G. H., and Wood.
Wood, Kenneth R., and C. W. Ahmer, assignors to Union Special Machine Company, Chicago, Ill. Comparator. 2,387,210; Oct. 16.
Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Inc., Detroit, Mich. Power tail gate. 2,391,813; Dec. 25.
Wood, Margaret I.: *See*—
Inman, Walter V., assignor.
Wood, Maurice L., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Producing aluminum brasses. 2,368,339; Jan. 30.
Wood, Morris B., Newbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,370,340; Feb. 27.
Wood Newspaper Machinery Corporation: *See*—
Roesen Oscar C., assignor.
Tornberg, Isidor, assignor.
Wood, Norman F.: *See*—
King, R. D., and Wood.
Wood, Oliver W., Rahway, assignor to M. C. Hoy and C. I. Knecht, copartners doing business as The Plating Products Co., Newark, N. J. Conveying apparatus. 2,382,194; Aug. 14.
Wood, Orville T., assignor to Black Manufacturing Corporation, Clinton, Mass. Flashlight. 2,375,511; May 8.
Wood, Raymond E., Downers Grove, assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Rubber composition. 2,368,190; Jan. 30.
Wood, Raymond P., Whittier, Calif. Article handling apparatus. 2,375,720; May 8.
Wood, Richard C., Philadelphia, and H. R. Young, Aldan, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonfogging coating compositions. 2,371,094; Mar. 6.
Wood, Robert T., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Molding sand and controlling flowability of same. 2,381,242; Aug. 7.
Wood, Robert T., and M. E. Gantz, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment. 2,389,583; Nov. 20.
Wood, Sterling A., Smyrna, Ga. Hold-down clamp. 2,390,022; Nov. 27.
Wood, Sydney M., Lake Bluff, Ill. Beach protection. 2,387,965; Oct. 30.
Wood Treating Chemicals Company: *See*—
Wood, Galen, assignor.
Wood, Wilbur G., Glendale, assignor to Menasco Manufacturing Company, Burbank, Calif. Landing gear strut. 2,376,951; May 29.
Wood, William H., Jr., Ansonia, Conn. Combat knife. 2,389,882; Nov. 27.
Wood, William L., Tunbridge Wells, and B. E. V. Bowen, Tonbridge, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Removal of acetylene from hydrocarbon mixtures. 2,381,707; Aug. 7.
Woodall-Duckham (1920) Limited: *See*—
Arnold, Edwin, assignor.
Burns, Earl A., assignor.
Spiers, Henry M., assignor.
Woodall, John H., Woodland, Ga. Machine for making cushions. 2,391,814; Dec. 25.
Woodard, Phebe H., executrix: *See*—
Woodard, William E., assignor.
Woodard, William E., deceased, Forest Hills, N. Y.; P. H. Woodard, executrix, assignor to P. H. Woodard. Highwheel locomotive. 2,366,465; Jan. 2.
Woodard, William E., deceased, Forest Hills, N. Y., P. H. Woodard, executrix, assignor to P. H. Woodard, individually. Locomotive power reverse gear. 2,385,957; Oct. 2.
Woodberry, John H., U. S. Army, Metuchen, N. J. Cartridge belt filling machine. 2,368,076; Jan. 23.
Woodberry, John H., and G. B. Russell, Metuchen, N. J. Crate. 2,371,663; Mar. 20.
Woodbridge, Richard G., Jr.: *See*—
Desetti, G. E., Dew, Mackey, and Woodbridge.
Woodbury, Clifford A.: *See*—
Chambers, F. S., Jr., and Woodbury.
Woodbury, Glen P., Mountain Lakes, N. J., assignor to Stapling Machines Co. Work-supporting means for box-making machines. 2,375,400; May 8.
Woodbury, Stephen E., assignor to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,370,701; Mar. 6.
Woodbury, Stephen E., Beverly, assignor to United Shoe Machinery Corporation, Flemington, N. J. Area measuring machine. 2,387,379; Oct. 23.
Woodbury, Stephen E., assignor to Reid Brothers Company, Inc., Beverly, Mass. Grinding machine. 2,390,978; Dec. 11.
Woodcock, Herbert E., Hawick, Scotland, assignor to William Cotton, Limited, Loughbough, Leicestershire, England. Machine for knitting hosiery. 2,385,672; Sept. 25.
Wooddell, Charles E.: *See*—
Baumann, H. N., Jr., and Wooddell.
Woodford, Joseph C., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Pump. 2,371,940; Mar. 20.
Woodford, Joseph C., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Pump. 2,388,661; Nov. 6.
Woodhams, Walter J., assignor to Woodlin Metal Products Company, Marshall, Mich. Ventilator and mechanism for operating same. 2,372,164; Mar. 20.
Woodhouse, John C., Cragmere, and K. E. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydraulic fluids. 2,382,931; Aug. 14.
Woodhull, Frederick W., Millington, N. J., assignor of two per cent to D. Kuser, as trustee, one and one-half per cent to L. M. Kuser, Bernardsville, N. J., and six per cent to I. G. Blish. Gun. 2,371,012; Mar. 6.
Woodhull, Frederick W., Millington, assignor of one-fiftieth to D. Kuser, trustee, and three two-hundredths to L. M. Kuser, Bernardsville, N. J., three percent to F. H. R. Connel, Denning, N. Y., and six percent to I. G. Blish. Automatic rifle. 2,375,721; May 8.
Woodings, Wilbert H.: *See*—
Skowron, E. A., and Woodings.
Woodlin Metal Products Company: *See*—
Woodhams, Walter J., assignor.
Woodling, George V., Rocky River, Ohio. Closure means for cylinders. 2,376,566; May 22.
Woodling, George V., Rocky River, Ohio. Intercepting apparatus. 2,388,589; Nov. 6.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pitot-static air-speed indicator. 2,370,102; Feb. 20.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Heating apparatus. 2,389,588; Nov. 27.
Woodman, Kenneth L., and E. O. Morton, Mansfield, Ohio, assignors to Westinghouse Electric Corporation, East Pittsburgh, Pa. Pitot static air-speed indicator. 2,381,327; Aug. 7.
Woodruff, Albert E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Substation circuit. 2,391,533; Dec. 25.
Woodruff, Harold B.: *See*—
Waksman, S. A., and Woodruff.
Woods, Herbert A., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor metering device. 2,375,160; May 1.
Woods, John E., Brookline, assignor to Clifford Manufacturing Co., Boston, Mass. Making heat exchange apparatus. 2,389,175; Nov. 20.
Woods, Joseph F., Middletown, Conn. Internal-combustion engine. 2,383,432; Aug. 21.
Woods, Lawrence J.: *See*—
MacDonald, W. H., and Woods.
Woods, William H., Garden City, assignor to Square D Company, Detroit, Mich. Electric switch. 2,384,412; Sept. 4.
Woodward, Ann F., Bayside, N. Y. Receptacle for food and water. 2,366,584; Jan. 2.
Woodward, Charles F., Abington, A. Eisner and P. G. Haines, Philadelphia, Pa., assignors to the United States of America as represented by Claude R. Wickard, Secretary of Agriculture, and his successors in office. Preparation of myosmine. 2,381,328; Aug. 7.
2,381,328; Aug. 7.
Woodward, Clarence M., Washington, D. C. Masonry crevice forming template. 2,386,582; Oct. 9.
Woodward, Clement A., Wellesley, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical contact device. 2,369,630; Feb. 13.
Woodward, David W.: *See*—
Kirby, J. E., and Woodward.
Woodward, Eric R., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,388,202; Oct. 30.
Woodward, Faunce C., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Air doctor. 2,386,156; Oct. 2.
Woodward, Fred E., and J. W. Arkis, Davenport, Iowa. Grease. 2,369,705; Feb. 20.
Woodward Governor Company: *See*—
Drake, George F., assignor.
Greenman, Hugh M., assignor.
Sorensen, George E., assignor.

Woodward, Harold E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigmented coating compositions. 2,370,341; Feb. 27.
Woodward, Harold E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo pigments. 2,374,064; Apr. 17.
Woodward, Hiram W., assignor of one-half to Strasburger & Siegel, Baltimore, Md. Dehydrator. 2,371,095; Mar. 6.
Woodward, James H., Heswall Hills, England. Device for the obscuring of windows. 2,375,457; May 8.
Woodward, Paul G.: *See*—
Decker, F. A., Jr., and Woodward.
Woodworth, Herald D., Madison, Ohio. Agricultural machine. 2,370,901; Mar. 6.
Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier current apparatus. 2,372,539; Mar. 27.
Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier-current control system. 2,375,722; May 8.
Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier current system. 2,385,673; Sept. 25.
Woodworth, N. A., Company: *See*—
Hohwart, Ernest F., assignor.
Kilgore, Robert E., assignor.
Woody, Wayland B., and Merle G. Scott, assignors to Franks Manufacturing Corporation, Tulsa, Okla. Derrick structure. 2,390,284; Dec. 4.
Woolard, Simon B., Schenectady, N. Y., assignor to General Electric Company. Electric circuit breaker. 2,380,817; July 31.
Wooldridge Manufacturing Company: *See*—
Clark, Gerald I., assignor.
Woolery, Horace E., St. Paul, Minn. Humidifier. 2,377,836; June 5.
Wooley, Travis B., Dallas, Tex. Internal-combustion engine. 2,387,707; Oct. 23.
Wool Industries Research Association: *See*—
Phillips, H., Middlebrook, and Higgins, assignors.
Woolley, Dilworth W., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Synthesis of pantothenic acid. 2,372,041; Mar. 20.
Woolslayer, Homer J., Tulsa, Okla., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Oil well derrick structure. 2,380,094; July 10.
Woolslayer, Homer J., E. A. Campbell, and C. Jenkins, Tulsa, Okla., assignors to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Fast sheave mounting for oil well masts. 2,389,226; Nov. 20.
Woolson, Harry T., Detroit, and G. H. Parker, Royal Oak, assignors to Chrysler Corporation, Highland Park, Mich. Wheel suspension for motor vehicle. 2,371,864; Mar. 20.
Woolson, Harry T., Detroit, A. G. Herrshoff, Grosse Pointe, H. A. Hicks, Detroit, G. H. Parker, Royal Oak, and R. A. Wyatt, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Wheel suspension for motor vehicles. 2,383,101; Aug. 21.
Woosley, Duncan P.: *See*—
Chilton, L. V., and Woosley.
Wooster Brass Company, The: *See*—
Schellin, J. C., Housekeeper, and Brubaker, assignors.
Wooster, John B., Medford Hillside, Mass. Brush stitching machine. 2,378,456; June 19.
Wooster, Philip A.: *See*—
Price, L. L., and Maltby, assignors.
Wooster, Vernon J.: *See*—
Geldhof, P. E., and Wooster.
Wooten, Leland A.: *See*—
Thurber, E. A., and Wooten.
Wooten, Leland A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coating of electron discharge device parts. 2,368,060; Jan. 23.
Woppman, Joseph G., Williamsville, H. H. Hummel, Eggertsville, and A. J. Newman, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Degreasing apparatus. 2,366,949; Jan. 9.
Worcester Cap Company: *See*—
Goldman, Harry, assignor.
Worcester, Joseph A., Jr., Fairfield, Conn., assignor to General Electric Company. Noise suppression circuits. 2,370,216; Feb. 27.
Worcester Stamped Metal Company: *See*—
Carlstrom, Carl F., assignor.
Word, James C., Jr.: *See*—
King, R. A., Word, and Sims.
Worden, R. B., Granger, Wash. Fish lure. 2,389,883; Nov. 27.
Worel, Glen J., assignor to Thexton Manufacturing Company, Minneapolis, Minn. Apparatus for reconditioning ball races on automotive distributors and the like. 2,371,570; Mar. 13.
Workman, Ernest R., Chicago, Ill. Welding tool. 2,371,664; Mar. 20.
Workman, Esau, Corcoran, Calif. Internal combustion engine. 2,370,902; Mar. 6.
World Products Corp.: *See*—
Sokoloff, Boris T., assignor.
Worley, Ernest W., Kansas City, Kans. Can opener. 2,375,401; May 8.
Worley, Ernest W., Kansas City, Kans., assignor to Consolidated Razor Blade Co., Inc., Jersey City, N. J. Glider-cradle. 2,380,355; July 10.
Worley, Robert C., Huntsville, Ala. Combined micrometer and crank grinding tool. 2,374,849; May 1.
Worm, Oscar, Chemnitz, Germany; vested in the Alien Property Custodian. Producing welts. 2,379,773; July 3.
Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Manufacture and production of artificial threads, filaments, and the like. 2,372,622; Mar. 27.
Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Treatment of casein or the like protein fibers. 2,383,358; Aug. 21.
Wormell, Robert L., Coventry, assignor to Courtaulds Limited, London, England. Manufacture of artificial textile fibers. 2,389,015; Nov. 13.
Wormell, Robert L., Coventry, and C. L. Knight, Rugby, assignors to Courtaulds Limited, London, England. Manufacture and production of artificial threads, filaments, and the like. 2,385,674; Sept. 25.
Wormington, Mabel L., Kansas City, Mo. Hair curler. 2,388,628; Nov. 6.
Wornel, Thomas C., Cincinnati, Ohio, assignor to Underwood Elliott Fisher Company, New York, N. Y. Machine for typewriting on cartons. 2,374,402; Apr. 24.
Worsfold, Charles E., et al.: *See*—
Giorgi, Adelmo, assignor.
Wortendyke, Raymond D., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,368,061; Jan. 23.
Worth, Weldon, Dayton, Ohio. Oil temperature regulator. 2,373,157; Apr. 10.
Worth, Weldon, Dayton, Ohio, E. R. Walker, Kenmore, and S. A. Whitt, assignors to Fedders Manufacturing Company, Inc., Buffalo, N. Y. High-temperature heat-treating furnace. 2,369,879; Feb. 20.
Worthen, Eugene P., East Weymouth, assignor, by mesne assignments, to Buena Vista Iron Company. Apparatus for evaporating and distilling. 2,374,519; Apr. 24.
Worthen, Eugene P., East Weymouth, F. S. Barbour, Wollaston, and S. R. Putnam, Quincy, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Apparatus for evaporating and distilling. 2,368,588; Jan. 30.
Worthen, Eugene P., Braintree, and B. Fox, Wollaston, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Single effect evaporator. 2,378,350; June 12.
Worthen, Eugene P., Braintree, and B. Fox, Wollaston, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Oil fired single effect evaporator. 2,384,226; Sept. 4.
Worthen, John H., Providence, R. I., assignor to Federal Products Corporation. Bore gauge. 2,385,122; Sept. 18.
Worthington, Emory W.: *See*—
Taylor, A., and Worthington.
Worthington, Emory W., Chicago, Ill. Applicator. 2,374,065; Apr. 17.
Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,366,375; Jan. 2.
Worthington, Emroy W., assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,369,814; Feb. 20.
Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press folder. 2,373,441; Apr. 10.
Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press gripper mechanism. 2,378,523; June 19.
Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,381,093; Aug. 7.
Worthington, Emory W., assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,381,094; Aug. 7.
Worthington, Harold L.: *See*—
Burke, J. R., Worthington, and Runciman.
Worthington Mower Company: *See*—
Sawtelle, E. R., and Blair, assignors.
Worthington Pump and Machinery Corporation: *See*—
Karassik, Igor J., assignor.
McBath, Bartley R., assignor.
Schorer, Otto J., assignor.
Sebald, Joseph F., assignor.
Steven, George, assignor.
Wislicenus, George F., assignor.
Zwickl, Joseph R., assignor.
Worthley, Edwin C., Minneapolis, Minn. Cabinet door fastening device. 2,381,095; Aug. 7.
Wortman, O. W.: *See*—
Sarver, Emmett F., assignor.
Worum, Toralf: *See*—
Fink, Ralph F., assignor.
Wosenitz, William C., New Brunswick, N. J. Marine drive. 2,371,013; Mar. 6.
Woxén, Ragnar, Lidingo, assignor to Aktiebolaget C. E. Johansson, Eskilstuna, Sweden. Hardness measuring apparatus. 2,385,958; Oct. 2.

Woytych, Raymond M., and E. J. Kaiser, assignors to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Measuring and indicating apparatus for machine tools. 2,376,303; May 15.

Wren, Charles, Toronto, Ontario, Canada. Pouring spout for paper bags and the like. 2,390,822; Dec. 11.

Wright Aeronautical Corporation: *See*—
Browne, Kenneth A., assignor.
Cannon, W. D., and Browne, assignors.
Daub, Rudolph, assignor.
Francisco, William H., Jr., assignor.
Goodman, Willard B., assignor.
Hartley, Cornelius, assignor.
Hill, H. C., Jackes, and Kincaid, assignors.
Jenny, R. W., and Gille, assignors.
Lundquist, W. G., and Olson, assignors.
Moore, Vincent T., assignor.
Nereaux, Joseph R., assignor.
Setterblade, Earl O., assignor.
Sollinger, Ferdinand P., assignor.
Steiner, Edward C., assignor.
Taylor, Edward S., assignor.
Wiegand, Francis J., assignor.

Wright, Arthur, Upper Montclair, N. J. Filter. 2,371,417; Mar. 13.

Wright, Arthur E., et al.: *See*—
Carol, James E., assignor.

Wright, Arthur G., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Microphone boom. 2,366,950; Jan. 9.

Wright-Batchelder Corporation: *See*—
Wright, Wallace C., assignor.

Wright, Calvert C.: *See*—
Spicer, T. S., and Wright.

Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Resistance unit and element thereof. 2,378,056; June 12.

Wright, Donald L., Westfield, N. J., assignor to Standard Oil Development Company. Pneumatic tool lubricant. 2,389,227; Nov. 20.

Wright, Elwood H., Tacoma, Wash. Turbine type engine. 2,370,217; Feb. 27.

Wright, Frank, East Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Drill jig. 2,376,842; May 22.

Wright, Frank O., Memphis, Tenn. Shipping container. 2,369,099; Feb. 6.

Wright, Jack H., assignor of one-half to N. Brenner, Chicago, Ill. Toy pistol. 2,375,879; May 15.

Wright, James G. E., Alplaus, and J. Marsden, Schenectady, N. Y., assignors to General Electric Company. Polysiloxane resins. 2,389,477; Nov. 20.

Wright, James L., Toronto, Ontario, Canada. Merchandise display stand. 2,368,909; Feb. 6.

Wright, John W., assignor to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,368,340; Jan. 30.

Wright, Joseph W., Alton, Ill., assignor to Owens-Illinois Glass Company. Refining glass. 2,387,222; Oct. 16.

Wright, Kenneth A., Los Angeles, Calif. Well production equipment. 2,374,317; Apr. 24.

Wright, Kenneth A., Los Angeles, Calif. Oil well screen. 2,391,609; Dec. 25.

Wright, Kenneth A., Oakland, assignor to Shell Development Company, San Francisco, Calif. Production of diolefins. 2,385,484; Sept. 25.

Wright, Lemuel D.: *See*—
Welch, A. D., and Wright.

Wright, Marcus G., assignor of thirty-five one-hundredths to T. P. Campbell and thirty-five one-hundredths to W. M. Owen, Denver, Colo. Drilling apparatus. 2,388,720; Nov. 13.

Wright, Milton H.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright.

Wright, Norman, assignor to The Dow Chemical Company, Midland, Mich. Method and apparatus for continuous analysis and control of organic systems. 2,386,830; Oct. 16.

Wright, Norman, assignor to The Dow Chemical Company, Midland, Mich. Method and apparatus for continuous analysis of organic mixtures while in motion and for control of systems comprising such mixtures. 2,386,831; Oct. 16.

Wright, R. G., Company, Inc.: *See*—
Klaiber, F. L., and Clark, assignors.

Wright, Richard C., Bay Village, Ohio, assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Hot gas outlet thimble. 2,388,511; Nov. 6.

Wright, Richard H., Cleveland, Ohio. Latching means for venetian blinds. 2,376,990; May 29.

Wright, Richard H., Cleveland Heights, Ohio, and F. Buick, Dallas, Tex., assignors to The Guarantee Specialty Manufacturing Company, Cleveland, Ohio. Valance clip and positioning valance boards. 2,367,322; Jan. 16.

Wright, Robert T.: *See*—
Johnson, C. W., Sterling, and M. H. and R. T. Wright

Wright, Theodore M., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Selector mechanism for automatic phonographs. 2,371,491; Mar. 13.

Wright, Thomas O.: *See*—
Keen, H. H., and Wright.

Wright Tool & Forge Comany: *See*—
Poole, C. E., and Stone, assignors.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Making sewing ribs for welt insoles. 2,370,829; Mar. 6.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Flexible welt shoe construction. 2,371,204; Mar. 13.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Welt insole and sewing rib for attachment thereto. 2,389,114; Nov. 13.

Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Shoe and welt therefor. 2,390,485; Dec. 4.

Wright, Walter L., Santa Monica, assignor to Synchrome Corporation, Los Angeles, Calif. Light shield for cameras. 2,373,936; Apr. 17.

Wrightsman, Gilbert G., and S. E. Buckley, Houston, Tex., assignors to Standard Oil Development Company. Producing oil. 2,378,817; June 19.

Wrigley Pharmaceutical Co., Inc.: *See*—
Smith, Joseph P., assignor.

Wrigley, Walter: *See*—
Esval, O. E., and Wrigley.

Wrigley, Wm., Jr., Company: *See*—
Crosley, R. W., and Conner, assignors.
Ranney, Willet B., assignor.

Wuensch, Charles E., Saratoga, Calif. Centrifugal pump. 2,382,839; Aug. 14.

Wuensch, Charles E., San Francisco, Calif., assignor, by mesne assignments, to Minerals Beneficiation, Incorporated, Joplin, Mo. Separating minerals of different specific gravity. 2,373,635; Apr. 10.

Wulfert, Rodney L., Webster Groves, Mo. Toy rocket projecting gun. 2,375,607; May 8.

Wulff, Frank D., Chicago, Ill. Lawn mower sharpener, including equalizing means. 2,371,492; Mar. 13.

Wulff, John, Cambridge, Mass. Steel powder. 2,368,282; Jan. 30.

Wulff, John, Cambridge, Mass. Classifying metal powders. 2,371,665; Mar. 20.

Wulff, John, Cambridge, Mass. Brass powders. 2,373,158; Apr. 10.

Wulff, John, Cambridge, Mass. Iron and iron alloy powders. 2,381,022; Aug. 7.

Wulff, John, Cambridge, Mass. Apparatus for producing iron alloy powders. 2,381,023; Aug. 7.

Wulff, John, Cambridge, Mass. Producing iron powder from cheap source material. 2,381,024; Aug. 7.

Wulfsberg, Paul G., assignor to Collins Radio Company, Cedar Rapids, Iowa. Volume limiter circuit. 2,372,243; Mar. 27.

Wulstein, Charles, assignor to himself and Murray Gordon, New York, N. Y. Clip. 2,373,070; Apr. 3.

Wunderlich, William E., Muncie, Ind. Inner spring unit. 2,374,850; May 1.

Wünsch, Guido, Berlin-Wannsee, Germany; vested in the Alien Property Custodian. Regulating device for steam generators. 2,388,512; Nov. 6.

Wünsch, Guido, Berlin-Wannsee, Germany; vested in the Alien Property Custodian. Controlling or regulating device for internal-combustion engines. 2,390,143; Dec. 4.

Wuori, Gearhart K.: *See*—
Wuori, Kristian and G. K.

Wuori, Kristian and G. K., Astoria, Oreg. Packing tuna fish. 2,373,988; Apr. 17.

Wurdack, Wm., Electric Manufacturing Company: *See*—
Smith, George R., assignor.

Wurger, Emile, Le Locle, Switzerland. Optical apparatus for gauging. 2,373,989; Apr. 17.

Wurger, Emile, Le Locle, Switzerland. Dog drive for the step by step actuation of films. 2,374,318; Apr. 24.

Wurger, Emile, Le Locle, Switzerland. Revoluble diaphragm for film-displaying apparatus. 2,379,129; June 26.

Wurlitzer, Rudolph, Company, The: *See*—
Farny, Cyril, assignor.
Hayslett, L. E., and Osborne, assignors.
Hokanson, Otto A.
Hokanson, Otto A., assignor.
Hull, Charles J., assignor.
Von Stoeser, Walter, assignor.
Von Stoeser, W., and Osborne, assignors.
Wright, Theodore M., assignor.

Wurth, Walter A., Cranford, N. J., assignor to Standard Oil Development Company. Temperature control of catalytic reactions. 2,383,636; Aug. 28.

Wurton Machine Company: *See*—
Touton, Rush D., assignor.

Wurzer, Martin, assignor to R. F. Sedgley, Inc., Philadelphia, Pa. Releasing mechanism for firing actions. 2,370,435; Feb. 27.

Wyandotte Chemicals Corporation: *See*—
Nutting, Eugene G., Jr., assignor.
Wegst, W. F., McNabney, and Bacon, assignors.

Wyatt Manufacturing Co., Inc., The: *See*—
Spaeth, John J., assignor.

Wyatt, Raymond A.: *See*—
Woolsen, H. T., Herreshoff, Hicks, Parker, and Wyatt.

Wyatt, Raymond A., assignor to Briggs Manufacturing Company, Detroit, Mich. Speed control governor. 2,379,945; July 10.

Wyche, Ernest H., Niagara Falls, N. Y., assignor to Carnegie-Illinois Steel Corporation. Treating inherently aging chromium-nickel stainless steel. 2,390,023; Nov. 27.
Wyche, Ernest H., and R. Smith, Pittsburgh, Pa. Age hardenable chromium-nickel stainless steel. 2,381,416; Aug. 7.
Wyckoff, Lewis B., Lewiston, N. Y., assignor to Electro Metallurgical Company. Ore treatment and concentrate produced thereby. 2,375,268; May 8.
Wyckoff, Roger S., assignor of one-third to L. Williams, Omaha, Nebr. Hearing aid. 2,377,739; June 5.
Wyer, Richard F., Rexford, N. Y., assignor to General Electric Company. Control apparatus. 2,379,774; July 3.
Wylde, Joseph R., and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Eye shield. 2,389,707; Nov. 27.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of tripentaerythritol octanitrate. 2,389,228; Nov. 20.
Wyllie, Francis O'N., assignor, by mesne assignments, to Berks County Trust Company, Reading, Pa. Conditioning molten Be-containing alloys for casting. 2,380,566; July 31.
Wyman, Ellsworth: *See*—
Dalzell, C. B., and Wyman.
Wynn, Clayton S., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of butadiene. 2,374,253; Apr. 24.
Wynn, John A., U. S. Army, Prince Georges County, Md. Canteen cup. 2,386,284; Oct. 9.
Wynne, Charles G.: *See*—
Warmisham, A., and Wynne.
Wynne, Charles G., Leicester, England. Optical objective. 2,379,393; June 26.
Wynne, Charles G., Leicester, England. Optical objective. 2,389,016; Nov. 13.
Wynne, John S., et al.: *See*—
Carruth, Donald D., assignor.
Wyrick, Clayton E., Dayton, Ohio. Turret toolholder. 2,368,736; Feb. 6.
Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Coupling. 2,370,602; Feb. 27.
Wyrick, Clayton E., Miami, Fla., assignor to The Egry Register Company, Dayton, Ohio. Web-feeding arrangement. 2,389,834; Nov. 27.
Wyse, Harold G., Dayton, Ohio. Mechanical shaver. 2,369,198; Feb. 13.
Wyss, Clement H., Jr., Tuckahoe, assignor to The Western Union Telegraph Company, New York, N. Y. Radiant energy receiving device. 2,367,816; Jan. 23.
Yackel, Edward C., J. A. Leermakers, and C. J. Staud, assignors to Eastman Kodak Company, Rochester, N. Y. Developing photographic emulsions. 2,388,894; Nov. 13.
Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Corporation. Typewriting machine. 2,384,060; Sept. 4.
Yager, George F., assignor to The Bunting Brass & Bronze Company, Toledo, Ohio. Spindle structure. 2,387,105; Oct. 16.
Yager, Louis, and J. W. Cummings, New York, N. Y. Coupling assembly. 2,385,596; Sept. 25.
Yager, William A.: *See*—
Biggs, B. S., White, and Yager.
Yale & Towne Manufacturing Company, The: *See*—
Carliss, Oswald S., assignor.
Heyer, Frederic K., assignor.
Johnstone, Theodore H., assignor.
Karczewski, Alexander S., assignor.
Potter, Robert S., assignor.
Quayle, George, assignor.
Rolph, Samuel H., assignor.
Roper, Charles G., assignor.
Schroeder, Charles S., assignor.
Ulinski, Bronislaus, assignor.
Yale, William D.: *See*—
Garrison, A. D., and Yale.
Yamamoto, Ryo, and Takeshi Hara, Taiwan, Japan; vested in the Alien Property Custodian. Extracting vitamin C. 2,383,902; Aug. 28.
Yandell, Anne, New York, N. Y. Foot covering. 2,376,399; May 22.
Yandell, Anne, New York, N. Y. Foot covering. 2,376,400; May 22.
Yandell, Anne McB.: *See*—
Steffanson, Anne Y.
Yanes, Francisco G., assignor to Photoplastic Corporation, New York, N. Y. Indirect photomechanical reproduction. 2,374,910; May 1.
Yankee, Ralph D., Kansas City, Mo. Concrete construction. 2,372,042; Mar. 20.
Yant, William P., Murraysville, assignor of one-half to Mine Safety Appliances Company, Pittsburgh, Pa., and one-half to Rudolph Fink, Dayton, Ohio. Facepiece. 2,382,364; Aug. 14.
Yarbrough, Ira L., Chicago, Ill. Steerable toy. 2,386,745; Oct. 9.
Yard-Man, Inc.: *See*—
Funk, Truman B., assignor.

Yarmolowich, William C., assignor of one-fourth to L. Bacon, Alliance, Ohio. Extension ladder. 2,376,529; May 22.
Yarnall, David R., assignor to Yarnall-Waring Company, Philadelphia, Pa. Resilient protection for flat gauge glasses. 2,374,403; Apr. 24.
Yarnall-Waring Company: *See*—
Yarnall, David R., assignor.
Yarnall, Willis A., Beacon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,378,057; June 12.
Yates, James H. and M. Thomas, Danville, R. I. Chopper or blocker apparatus. 2,382,689; Aug. 14.
Yates, Tom L., assignor to Lord Manufacturing Company, Erie, Pa. Mounting for electron tubes. 2,384,410; Sept. 4.
Yates, William H., Chicago, and Le R. W. Staunton, Evanston, assignors to Trimz Company, Inc., Chicago, Ill. Wallpaper roll. 2,383,637; Aug. 28.
Yawitz, Murray: *See*—
Kott, H., and Yawitz.
Yawitz, Murray, Prospect Place, and I. F. Suwa, Jackson Heights, assignors to Fish-Schurman Corporation, New York, N. Y. Comparator device. 2,380,567; July 31.
Yawman & Erbe Mfg. Co.: *See*—
Clark, James R., assignor.
Roscoe, Edwin S., assignor.
Yeager, Thomas E., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Jig clamp. 2,384,148; Sept. 4.
Yendes, Harlan W., et al.: *See*—
Monroe, Spencer F., assignor.
Yeomans Brothers Company: *See*—
Jeffery, Harold T., assignor.
Winter, William G., assignor.
Yeomans, Charles, assignor.
Yeomans, Charles, Hubbard Woods, Ill., assignor to Yeomans Brothers Company. Sewage ejector. 2,383,834; Aug. 28.
Yeomans, Charles, Hubbard Woods, assignor to Yeomans Brothers Company. Air compressor and apparatus operated thereby. 2,385,905; Oct. 2.
Yeomans, Lucien I., Inc.: *See*—
Clausen, De Witt, assignor.
Yeomans, Lucien I., Chicago, Ill. Generating bearing surfaces. 2,385,247; Sept. 18.
Yeomans, Lucien I., Chicago, Ill., assignor to E. W. Bliss Company, Brooklyn, N. Y. Bearing. 2,375,269; May 8.
Yerger, Leonard K., Jr., assignor to The Glenn L. Martin Company, Middle River, Md. Antenna folding mechanism. 2,367,164; Jan. 9.
Yerger, Paul A., Bloomsbury, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Load-controlling apparatus for compressors. 2,372,923; Apr. 3.
Yerkes, Norman J., assignor, by mesne assignments, to Gibson Refrigerator Company, Greenville, Mich. Refrigerator. 2,378,524; June 19.
Yerkovich, Simon, R. H. Sherman, and G. W. Cameron, Fairfield County, Conn., assignors to Dictaphone Corporation, New York, N. Y. Phonograph. 2,371,116; Mar. 6.
Yerrick, William D., and J. Waitkus, assignors to The Air Preheater Corporation, New York, N. Y. Plate rapping mechanism. 2,372,997; Apr. 3.
Yerrick, William D., and J. C. Vickland, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Rotor operated washing nozzle. 2,379,506; July 3.
Yerrick, William D., and A. Jensen, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Separator. 2,391,534; Dec. 25.
Yingling, Frank B.: *See*—
MacGuire, W. E., and Dodge, assignors.
Yingling, Frank B., Hamilton, Ohio. Valve operating mechanism. 2,385,959; Oct. 2.
Yngve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin composition. 2,370,280; Feb. 27.
Yoder, Bertha L., executrix: *See*—
Yoder, Carl M.
Yoder, Carl M., deceased, Lakewood, Ohio; B. L. Yoder, executrix. Machine for crimping sheet metal. 2,370,702; Mar. 6.
Yoder, Carl M., deceased, Lakewood, Ohio; Bertha L. Yoder, executrix. Uncoiling mechanism. 2,386,533; Oct. 9.
Yoder, Carl M., Lakewood, Ohio, deceased, B. L. Yoder, Lakewood, Ohio, executrix. Process of and apparatus for operating on sheet metal. 2,391,499; Dev. 25.
Yoder, Harvey O., et al.: *See*—
Morris, Howard I., assignor.
Yonkers, Edward H., Jr.: *See*—
Meaker, J. W., and Yonkers.
Yonkers, John L., Evanston, Ill. Line connector device. 2,375,270; May 8.
York Corporation: *See*—
Patterson, Velt C., assignor.
St. Onge, Lucien R., assignor.
York, Ernest E., Auburn, assignor to Stanley Dana Corp., Portland, Maine. Apparatus for transmitting voice frequencies over a single grounded line. 2,389,884; Nov. 27.

York, Henry H., Sydney, and W. M. Dummett, Bondi, near Sydney, New South Wales, Australia; said Dummett assignor to said York. Refractory coating material. 2,390,765; Dec. 11.
York, Jones O., and J. C. Winslow, Inglewood, assignors to Northrop Aircraft, Inc., Hawthorne, Calif. Bomb rack. 2,374,066; Apr. 17.
York, Otto H., Maplewood, assignor to Metal Textile Corporation, West Orange, N. J. Nonraveling edge, reinforcing rib of joint structure for knitted metallic mesh fabrics and method of producing same. 2,390,200; Dec. 4.
York, Raymond D., San Angelo, Tex. Nut sheller. 2,376,469; May 22.
York Research Corporation: *See*—
Schlieben, E. W., Ogden, and Berler, assignors.
Yorkin, Maurice A., et al.: *See*—
Bert, Samuel D., assignor.
York-Shipley, Inc.: *See*—
Bortner, David C., assignor.
Yost, Kenneth J. Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Article aligning device. 2,373,623; Apr. 10.
Yost, Kenneth J., Westport. assignor to Remington Arms Company, Inc., Bridgeport, Conn. Inspection device. 2,387,697; Oct. 23.
Yost, Kenneth J., Westport, assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition manufacturing machine. 2,387,698; Oct. 23.
Youell, James E.: *See*—
Stanley, H. M., and Youell.
Youker, Mortimer A., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymers of vinylidene halides and 1,3-dienes and producing the same. 2,380,356; July 10.
Young, Arthur A.: *See*—
Johansson, E. G., and Young.
Young, Arthur M., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Profiling airscrew blades or the like. 2,367,916; Jan. 23.
Young, Arthur M., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Helicopter aircraft. 2,368,698; Feb. 6.
Young, Arthur M., Paoli, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,382,460; Aug. 14.
Young, Arthur M., Paoli, Pa., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,384,516; Sept. 11.
Young, Austin E., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Plow. 2,383,698; Aug. 28.
Young, Austin E., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Slip clutch. 2,390,908; Dec. 11.
Young Berg, Carl E., Los Angeles, Calif. Automatic miniature enlarger. 2,380,818; July 31.
Young, Betty J., et al.: *See*—
Young, William D., assignor
Young, W. D., and Harris, assignors.
Young, Charles J., Princeton, N. J., assignor to Radio Corporation of America. Facsimile signaling system. 2,386,997; Oct. 16.
Young, Chesley S.: *See*—
Young, H. H. and C. S., and Bradford.
Young, Clint, East St. Louis, Ill. Auxiliary fuel supply for internal-combustion engines. 2,390,979; Dec. 11.
Young, Clinton J. T., assignor to Polaroid Corporation, Cambridge, Mass. Eyeglasses. 2,386,998; Oct. 16.
Young, David W.: *See*—
Evans, H. C., and Young.
Young, David W., Roselle, N. J., assignor to Standard Oil Development Company. Compounded hydrocarbon products. 2,390,342; Dec. 4.
Young, Dorothy R., et al.: *See*—
Young, William D., assignor.
Young, W. D., and Harris, assignors.
Young, Douglass A., East Orange, and V. S. Thomander, Maplewood, N. J., assignors to Westinghouse Electric Corporation. East Pittsburgh, Pa. Electrical measuring instrument. 2,381,329; Aug. 7.
Young, Edgar C., assignor of one-fourth to I. Hertz, one-fourth to N. Nagel, Long Beach, and one-fourth to H. A. Huebner, Los Angeles, Calif. Welding rod container. 2,382,932; Aug. 14.
Young, Edgar C., assignor of one-fourth to I. Hertz, one-fourth to N. Nagel, Long Beach, and one-fourth to H. A. Huebner, Los Angeles, Calif. Welding rod holder. 2,390,631; Dec. 11.
Young, Edwin C., assignor to Sealed Power Corporation, Muskegon, Mich. Centrifugal pot casting. 2,386,028; Oct. 2.
Young, Fred M., Racine, Wis. Fastening tubes in headers or tube plates. 2,368,391; Jan. 30.
Young, Fred M., Racine, Wis. Car heater and defroster. 2,368,392; Jan. 30.
Young, Fred M., Racine, Wis. Multiple heat exchange unit. 2,378,351; June 12.
Young, Fred M., Racine, Wis. Aviation oil cooler. 2,378,352; June 12.
Young, Fred M., and W. V. Astrup, assignors to Young Radiator Company, Racine, Wis. Chimney type heat exchanger. 2,366,376; Jan. 2.
Young, Fred M., J. C. Shaw, and H. F. Brinen, Racine, Wis., assignors to Young Radiator Company. Heat exchange unit for radial type engines. 2,387,485; Oct. 23.
Young, Frederick E., Yakima, Wash. Window. 2,371,724; Mar. 20.
Young, Furman N.: *See*—
Justice, G. E., Thurston, and Young.
Young, Garth L., assignor to Signal Oil and Gas Company, Los Angeles, Calif. Submarine foundation. 2,382,763; Aug. 14.
Young, George G.: *See*—
Austin, K. B., and Young.
Young, George G., Bridgeport, Conn., assignor to General Electric Company. High-frequency receiver. 2,387,632; Oct. 23.
Young, George H., Indianapolis, Ind., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Dust collector. 2,375,608; May 8.
Young, George H., assignor to Stoner-Mudge, Inc., Pittsburgh, Pa. Antifouling composition. 2,389,229; Nov. 20.
Young, George H., assignor to Stoner-Mudge, Inc., Pittsburgh, Pa. Antifouling composition. 2,390,408; Dec. 4.
Young, Harland H., assignor to Industrial Patents Corporation, Chicago, Ill. Preparation of organic mercuric nitrate. 2,366,683; Jan. 2.
Young, Harland H. and C. S., and P. Bradford, assignors to Industrial Patents Corporation, Chicago, Ill. Recovery of poly-glyceral resin. 2,382,764; Aug. 14.
Young, Harold W., Maywood, Calif. Rivet set. 2,388,895; Nov. 13.
Young, Harry R.: *See*—
Wood, R. C., and Young.
Young, Harvey L.: *See*—
Leguillon, C. W., and Young.
Young, Harvey L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for treating plastic film. 2,373,215; Apr. 10.
Young, Henry G. W., Cambridge, Mass. Device for slicing edibles. 2,376,843; May 22.
Young, Howard S.: *See*—
Hanford, W. E., Roland, and Young.
Young, James H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lead-coated steel. 2,371,725; Mar. 20.
Young, James H., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaning ferrous metal articles. 2,380,284; July 10.
Young, Jean A., et al.; *See*—
Young, William D., assignor.
Young, W. D., and Harris, assignors.
Young, John, Jr., Huntington Park, assignor to Lane-Wells Company, Los Angeles, Calif. Packer holding device. 2,379,394; June 26.
Young, John E., Merchantville, N. J., assignor to Radio Corporation of America. Radio transmitter. 2,389,835; Nov. 27.
Young, John W., Huntington Palisades, and C. E. Patterson, Pacific Palisades, assignors to Arrowhead Rubber Company, Los Angeles, Calif. Fuel tank flapper valve. 2,378,613; June 19.
Young, Joseph E.: *See*—
Couse, K. W., Young, and Sutphen.
Young, Joseph E., assignor to Couse Laboratories, Newark, N. J. Power take-off. 2,379,775; July 3.
Young, Joseph E., assignor to Couse Laboratories, Newark, N. J. Power take-off. 2,379,776; July 3.
Young, L. A., Spring & Wire Corporation: *See*—
Eoff, Clarence N., assignor.
Kingsinger, R., Pinkham, and Friegal, assignors.
Young, L. A., Spring and Wire Corporation, Star-Service Hanger Division: *See*—
Coney, James D., assignor.
Young, Leonard A., assignor to Bowen Products Corporation, Detroit, Mich. Garment hanger. 2,372,998; Apr. 3.
Young, Leonard A., assignor to Bowen Products Corporation, Detroit, Mich. Garment hanger. 2,372,999; Apr. 3.
Young, Leonard A., Detroit, assignor to Bowen Products Corporation, Ecorse, Mich. Garment hanger. 2,373,000; Apr. 3.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,375,161; May 1.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,376,220; May 15.
Young, Leonard W., Northwood, England. Lock and fastening device. 2,381,633; Aug. 7.
Young, Lincoln T., Lynwood, Calif. Smoking pipe. 2,373,525; Apr. 10.
Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Ring means for fastening insulating spacers in concentric lines. 2,379,331; June 26.
Young, Lloyd W.: *See*—
Jacobsson, W. J., and Young.
Young, Lloyd W., Elizabeth, N. J., assignor to Union Carbide and Carbon Corporation. Templet-following machine. 2,388,376; Nov. 6.
Young, Melvin C., Springfield, Ill. Hydraulic roller-bearing directional pressure wedge. 2,385,753; Sept. 25
Young, Michael A.: *See*—
Roberts, R. P., Johnson, and Young.
Young, Nancy L., et al.: *See*—
Young, William D., assignor.
Young, W. D., and Harris, assignors.

Young, Nathaniel, Kittery, Maine. Automatic thread chasing attachment. 2,370,218; Feb. 27.
Young Radiator Company: *See*—
Shaw, Joe C., assignor.
Shaw, J. C., and Kidd, assignors.
Young, F. M., and Astrup, assignors.
Young, F. M., Shaw, and Brinen, assignors.
Zummach, John G., assignor.
Young, Richard V.: *See*—
Seymour, M. W., and Young.
Young, Stephen M.: *See*—
Scarlett, A. A., and Young.
Young, W. Chase, et al., trustees: *See*—
Emerson, Arthur J., assignor.
Young, W. Ford, et al.: *See*—
Ramsay, Marcus, assignor.
Young, William D.: *See*—
Harris, W. A., assignor.
Young, William D., Greenville, S. C., assignor of ten per cent to T. B. Taylor, ten per cent to M. S. Taylor, Port Washington, N. Y., fifteen per cent to D. R. Young, Greenville, S. C., twenty per cent to A. C. Kingston, Belmont, Mass., ten per cent to B. J. Young, ten per cent to J. A. Young, ten per cent to N. L. Young, Greenville, S. C., and one per cent to E. D. Richter, Montclair, N. J. Packaging apparatus and method. 2,380,624; July 31.
Young, William D., and W. A. Harris, assignors of twenty per cent to said Young, twenty per cent to D. R. Young, twenty per cent to B. J. Young, twenty per cent to J. A. Young, and twenty per cent to N. L. Young, Greenville, S. C. Selectively operable vending machine. 2,379,208; June 26.
Young, William G., Oak Park, assignor to Chicago Fire Brick Company, Chicago, Ill. Furnace wall. 2,369,100; Feb. 6.
Young, William R.: *See*—
Mueller, A. G., Young, and Dazley.
Young, William R., Fairfield, Conn., assignor to General Electric Company. Electrical switch. 2,384,985; Sept. 18.
Youngchild, Casper E., Glens Falls, assignor to International Paper Company, New York, N. Y. Sheet cutter. 2,376,470; May 22.
Youngsma, James: *See*—
Hargreaves, R., and Youngsma.
Youngstown Steel Door Company, The: *See*—
Beauchamp, Wilfred A., assignor.
Beauchamp, W. A., and Madland, assignors.
Ditchfield, Frank, assignor.
Madland, Thorvald, assignor.
Reese, Samuel, assignor.
Younkins, Earl L., South Nyack, N. Y. Noncollapsible nipple. 2,390,861; Dec. 11.
Yount, Willis H.: *See*—
Maloon, E. B., and Yount.
Yoxsimer, Orland H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resin compositions. 2,372,153; Mar. 20.
Yoxsimer, Orland H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,375,880; May 15.
Yuba Tank & Steel Co.: *See*—
Markwart, E. H., and Cannon.
Yudell Realty Corporation: *See*—
Rosenberg, Joseph L. S., assignor.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic material. 2,367,551; Jan. 16.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Color reproduction. 2,382,690; Aug. 14.
Yundt, Michael, Company: *See*—
Gerlach, Charles L., assignor
Yungman, Elroy W., Cleveland, Ohio, assignor to Westinghouse Electric Corporation, East Pittsburgh, Pa. Electrostatic charging structure. 2,380,993; Aug. 7.
Zabel, William C. P., and R. C. Helfenbein, Chicago, Ill. Culinary utensil. 2,391,215; Dec. 18.
Zabel, William P., East Cleveland, Ohio, assignor to General Electric Company. Coiled filament or cathode and manufacture. 2,371,205; Mar. 13.
Zacher, Vernon B.: *See*—
Butler, D. E., Herold, and Zacher.
Zademach, Erich R., Elizabeth, assignor, by mesne assignments, to Metalwash Machinery Company, Newark, N. J. Article treating machine. 2,389,337; Nov. 20.
Zadig, Ernest A., Norwalk, Conn. Spectacles. 2,384,149; Sept. 4.
Zaeslin, Hans H.: *See*—
Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.
Zaffo, George J., and A. Dutch, Mount Vernon, N. Y. Animated book. 2,372,349; Mar. 27.
Zahn, Charles T., assignor to American Viscose Corporation, Wilmington, Del. Device for measuring yarn friction. 2,378,614; June 19.
Zahodiakin, Victor F., Maplewood, N. J. Control mechanism. 2,369,512; Feb. 13.
Zahodiakin, Victor F., Maplewood, N. J. Control mechanism. 2,369,513; Feb. 13.
Zahodiakin, Victor F., Short Hills, N. J. Control mechanism. 2,369,514; Feb. 13.
Zahodiakin, Victor F., Short Hills, N. J. Control mechanism. 2,382,765; Aug. 14.
Zahodiakin, Victor F., Short Hills, N. J. Control mechanism. 2,382,766; Aug. 14.
Zahutnik, Walter A., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Device for bending coil convolutions. 2,387,380; Oct. 23.
Zaikowsky, Wladimir M., Pasadena, assignor, by mesne assignments, to Consolidated Engineering Corporation, Los Angeles, Calif. System for gas analysis. 2,370,703; Mar. 6.
Zaikowsky, Wladimir M., Pasadena, and H. E. Metcalf, San Francisco, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Obtaining soil gas samples. 2,386,832; Oct. 16.
Zak, Theodore J.: *See*—
Jones, F. L., and Zak.
Zalesak, William A., et al.: *See*—
Harding, Lloyd E., assignor.
Zalkind, Joseph, New York, N. Y. Line-up platen. 2,381,197; Aug. 7.
Zalkind, Philip, New York, N. Y. Container fastening means. 2,372,805; Apr. 3.
Zalkind, Philip, New York, N. Y. Wall connection for collapsible container. 2,372,806; Apr. 3.
Zaloudek, William A.: *See*—
Hobbs, H. H., and Zaloudek.
Zanarini, Giuseppe, Turin, Italy; vested in the Alien Property Custodian. Television apparatus. 2,369,631; Feb. 13.
Zander, Gustaf R., Stockholm, Sweden. Gymnastic apparatus for mobilizing stiff joints. 2,387,966; Oct. 30.
Zap, Edward F., Los Angeles, Calif. Aerodynamic member. 2,383,102; Aug. 21.
Zaparanick, Joseph: *See*—
Cook, A. A., Tjorn, and Zaparanick.
Zapf, Norman F., Milton, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Indicating means for pumps. 2,370,103; Feb. 20.
Zappacosta, Amedeo D., Philadelphia, Pa., assignor to Radio Corporation of America. Combined volume and selectivity control device. 2,388,590; Nov. 6.
Zappert, Robert H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Hardening of gelatin. 2,372,873; Apr. 3.
Zappia, Anthony T.: *See*—
Samuelson, O. H., and Zappia.
Zaremba Company: *See*—
Hughes, John S., assignor.
Zarnack, Werner: *See*—
Gosslau, F., Schmidt, and Zarnack.
Zarth, Charles E., assignor to Wingfoot Corporation, Akron, Ohio. Metal ring. 2,383,577; Aug. 28.
Zarwell, Cedric E.: *See*—
Johnson, R. W., and Zarwell.
Zatko, Michael, Oaklawn, Ill. Welder's comforting and accessory suspension belt. 2,388,811; Nov. 13.
Zavatkay, Frederick F., New Haven, Conn. Rail and frog carrying device. 2,368,910; Feb. 6.
Zech, John D.: *See*—
Reiff, O. M., and Zech.
Zeechar Corporation: *See*—
Auerbach, Zemach, assignor.
Zegarelli, Joseph, Oneida, N. Y. Fabric spreader. 2,374,319; Apr. 24.
Zeichner, George I., Brooklyn, N. Y. Threading apparatus. 2,377,659; June 5.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Fluid coupling. 2,378,353; June 12.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Fluid coupling. 2,386 285; Oct. 9.
Zeier, Frederick F.: *See*—
Ackerman, J. E., and Zeier.
Zeigler, Clarence C., assignor to Industrial Patents Corporation, Chicago, Ill. Gelatin. 2,368,393; Jan. 30.
Zeilman, Roy H., assignor to The Thew Shovel Company, Lorain, Ohio. Boom for load handling machines. 2,382,767; Aug. 14.
Zeilman, Roy H., assignor to The Thew Shovel Company, Lorain, Ohio. Line take-up for power shovels, cranes, and the like. 2,385,906; Oct. 2.
Zeilman, Roy H., and A. Smythe, Elyria, assignors to The Thew Shovel Company, Lorain, Ohio. Power shovel, crane, and the like. 2,380,625; July 31.
Zeilman, Roy H., and A. Smythe, Elyria, assignors to The Thew Shovel Company, Lorain, Ohio. Mobile power shovel, crane, and the like. 2,380,626; July 31.
Zeilstra, Maurice L., Richmond, Calif. Welding electrode holder. 2,379,777; July 3.
Zeitlin, Frank: *See*—
Kress, O., Zeitlin, and Staman.
Zelano, Joseph, New York, N. Y. Ventilated clothing. 2,391,535; Dec. 25.
Zeller, Josef J., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,375,881; May 15.
Zeller, Theodore J., Plainfield, N. J., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Power operated clutch mechanism. Re. 22,669; Aug. 21.

Zellhoefer, Glenn F., Normal, C. S. Marvel, Urbana, Ill., and M. J. Copley, Philadelphia, Pa., assignors, by mesne assignments to Eureka Vacuum Cleaner Company, Detroit, Mich. Composition of matter. 2,390,766; Dec. 11.
Zellner, Carl N., Townley Union, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Halogenation. 2,370,342; Feb. 27.
Zellos, Andrew, Ossining, N. Y. Pump. 2,373,526; Apr. 10.
Zellos, Andrew, Ossining, N. Y. Bellows. 2,387,486: Oct. 23.
Zemaitis, Joseph F., Waterbury, Conn., assignor to Dispersions Process, Inc., New York, N. Y. Thermoplastic composition. 2,375,162; May 1.
Zemaitis, Joseph F., Waterbury, Conn., assignor to Dispersions Process, Inc., New York, N. Y. Adhesive composition. 2,375,163; May 1.
Zemberry, William L.: *See*—
Gruber, I. B., and Zemberry.
Zempel, Edward A., Milwaukee, Wis. Boring bar. 2,380,627; July 31.
Zempel, Edward A., Milwaukee, Wis. Metal stock having a square hole and making said stock. 2,380,628; July 31.
Zendek, Frank F.: *See*—
Shean, D., and Zendek.
Zender, Justin: *See*—
Wallach, R. N., and Zender.
Zenith Optical Company: *See*—
Polan, Lincoln M.
Zenith Radio Corporation: *See*—
Beck, Virgil R., assignor.
Bell, John F., assignor.
Benin, Zolmon, assignor.
Gustafson, Gilbert E., assignor.
Knight, Cosler D., assignor.
Lytle, Chester W., assignor.
Striker, George O., assignor.
Tellander, F., and Wagenknecht, assignors.
Wagenknecht, Otto E., assignor.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph switching system. 2,380,007; July 10.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Mechanical extensor. 2,382,596; Aug. 14.
Zephyr Laundry Machinery Company: *See*—
Koplin, H., Slate, and Haunost, assignors.
Zerbee, Louis J., Bellefontaine, Ohio. Loom. 2,383,903; Aug. 28.
Zerbst, Rudolph: *See*—
Smith, K., and Zerbst.
Zesar, Nouvelle S. A.: *See*—
Lauper, W., assignor.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Centrifugal speed governor. 2,376,844; May 22.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Follow-up device, more particularly for machine tools. 2,380,357; July 10.
Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Force measuring apparatus. 2,383,757; Aug. 28.
Ziebolz, Herbert, assignor, by mesne assignments, to Electronbeam, Ltd., Chicago, Ill. Electronic translating device. 2,383,758; Aug. 28.
Ziebolz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Apparatus for detecting trends in observed data. 2,390,569; Dec. 11.
Ziegelhoefer, Edward G.: *See*—
Dohl, Robert A., and Ziegelhoefer.
Zieger, Eugene, West Didsbury, Manchester, England. Production of photomechanical printing surfaces. 2,388,107; Oct. 30.
Ziegler, John B., Jr.: *See*—
Weijlard, J., and Ziegler.
Ziegler, John G., assignor to Taylor Instrument Companies, Rochester, N. Y. Controlling system. 2,388,457; Nov. 6.
Ziegler, Marc, Buenos Aires, Argentina, assignor to Hartford National Bank and Trust Company, Hartford, Conn. Frequency modulation receiver. 2,383,359; Aug. 21.
Ziegler, Marc, J. F. Visscher and L. J. Cavallero, Buenos Aires, Argentina, assignors to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. F-M transceiver. 2,379,395; June 26.
Ziegler, Paul F.: *See*—
Morrison, D. E., and Ziegler.
Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Hanging display. 2,373,074: Apr. 3.
Zienty, Ferdinand B.: *See*—
Kyrides, L. P., and Zienty.
Zienty, Ferdinand B., assignor to Monsanto Chemical Company, St. Louis, Mo. Process for production or sulphanilamide derivatives. 2,391,853; Dec. 25.
Zillessen, Walter H.: *See*—
Heintz, W. P., and Zillessen.
Zilliotto, Giovanni, C., Lake Orion, assignor to R. C. Mahon Company, Detroit, Mich. Automatic foam control for air cleaners. 2,379,396; June 26.
Zilliox, John, Orchard Park, assignor to R. G. Blendinger, Buffalo, N. Y. Boiler tube scraper. 2,377,598; June 5.
Zimdars, John B., San Francisco, Calif. Gripping tool. 2,390,570; Dec. 11.
Zimmer, John C.: *See*—
Beerbower, A., and Zimmer, assignors.
Morway, A. J., and Zimmer.
Zimmer, John C., Union, N. J., assignor to Standard Oil Development Company. Preventing foaming during removal of olefin monomers. 2,379,268; June 26.
Zimmer, John C., Union, N. J., assignor to Standard Oil Development Company. Lubricant manufacture. 2,383,904; Aug. 28.
Zimmer, John C., Union, and A. J. Morway, Rahway, N. J., assignors to Standard Oil Development Company. Lubricating grease composition. 2,374,966; May 1.
Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Grease composition. 2,378,818; June 19.
Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Lubricating grease composition. 2,380,893; July 31.
Zimmer, John C., and G. M. McNulty, Union, N. J., assignor to Standard Oil Development Company. Lubricants. 2,383,905; Aug. 28.
Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Improved manufacture. 2,383,906; Aug. 28.
Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Lubricating composition. 2,391,113; Dec. 18.
Zimmer Manufacturing Company: *See*—
Ettinger, Joe J., assignor.
McCartney, Howard R., assignor.
Zimmer-Thomson Corporation: *See*—
Thomson, J. B., and S. G., assignors.
Zimmerman, Edward C., Winnetka, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture. 2,372,874: Apr. 3.
Zimmerman, Frank, Detroit, Mich. Garment hanger. 2,370,436; Feb. 27.
Zimmerman, Gordon B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,388,942: Nov. 13.
Zimmerman, Gordon B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,390,285: Dec. 4.
Zimmerman, Henry, St. Louis, Mo. Tabbing cement. 2,387,967; Oct. 30.
Zimmerman, Herbert L., Shorewood, assignor to The Fulton Company, West Allis, Wis. Strap structure 2,377,061; May 29.
Zimmerman, Herman W., North Newington, Conn. Pneumatic valve lapping tool. 2,376,746: May 22.
Zimmerman, Ralph O., Des Plaines, Ill. Form for constructing steps. 2,389,397; Nov. 20.
Zimmerman, Ralph W., Bradenton, Fla. Combined timing and display apparatus. 2,375,062; May 1.
Zimmerman, Robert D., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Guide for drill steels. 2,368,511; Jan. 30.
Zimmerman, Robert D., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Drilling implement. 2,368,512; Jan. 30.
Zimmerman, Robert D., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Attaching a threaded member to a body. 2,370,603; Feb. 27.
Zimmerman, Walter B., W. A. Martin, and J. Chisik, Winnipeg, Manitoba, Canada. Automatic welding visor shutter. 2,384,517; Sept. 11.
Zimmermann, Erich G., Seattle, Wash. Self-sealing stuffing box. 2,366,824: Jan. 9.
Zimmermann, William F., Burlington, N. J. Brush applicator. 2,377,837; June 5.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Worm gear hobbing machine. 2,374,254: Apr. 24.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Incorporated, Irvington, N. J. Gear transmission. 2,374,256: Apr. 24.
Zindel, George, Jr., Elkins Park, assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Viewing device for cathode ray tube screens and the like. 2,388,203; Oct. 30.
Zingaro, Placido W.: *See*—
Smith, H. J., and Zingaro.
Zingsheim, Edward W.: *See*—
Barth, E. J., and Zingsheim.
Zink, William L., Plano, and B. T. Aasland and V. O. Hauswirth, Kankakee, assignors to Sears, Roebuck and Co., Chicago, Ill. Tractor mower. 2,371,206: Mar. 13.
Zinn, Julius A., Jr., Belmont, Mass. Carton. 2,390,909; Dec. 11.
Zinn, Manvel K., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative resistance loading. 2,373,624: Apr. 10.
Zinner, Daniel, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. De-emulsifying agents. 2,372,623; Mar. 27.

Zint, George, Wapakoneta, Ohio. Tobacco feeding device. 2,389,398; Nov. 20.
Zinty, Marcel J. A., New York, N. Y., assignor to Magnus Chemical Company, Inc., Garwood, N. J. Cleaning machine. 2,375,723; May 8.
Zion, Forest L.: *See*—
Fausset, E. R., and Zion.
Zipeto, Cosmo D., Philadelphia, Pa. Hot-water heater. 2,371,096; Mar. 6.
Zipp, Drayton C.: *See*—
Cross, C. B., and Zipp.
Zipper, Emil, Paris 16, France; vested in the Alien Property Custodian. Brake. 2,376,889; May 29.
Zirin, Samuel, Brooklyn, N. Y. Garment hanger. 2,366,665; Jan. 2.
Zoia, Hector G., Cleveland, Ohio. Food serving device. 2,380,629; July 31.
Zois, George B., Bronx, N. Y. Floral design. 2,366,377; Jan. 2.
Zola, Morris, New York, N. Y. Buckle construction. 2,368,283; Jan. 30.
Zolad, John J., Detroit, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions. 2,389,708; Nov. 27.
Zoll, Carl M., Metairie, La., assignor to Marine Salvage & Equipment, Inc., Baltimore, Md. Self-adjusting hoisting means for sunken ships. 2,382,840; Aug. 14.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up mechanism for sewing machines. 2,385,960; Oct. 2.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating device for sewing machines. 2,387,968; Oct. 30.
Zorc, Frank J., Jr., Waukegan, Ill. Boat launching trailer. 2,389,338; Nov. 20.
Zotos Corporation: *See*—
Evans, R. L., and McDonough, assignors.
Zubatsky, Eugene M., Milwaukee, Wis. Combination shipping crate and trailer. 2,369,384; Feb. 13.
Zublin, Ernest W.: *See*—
Barnum, E. R., and Zublin.
Larsen, R. G., and Zublin.
Zublin, Ernest W., Sausalito, E. R. Barnum, Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Corrosion protection of metals. 2,371,207; Mar. 13.
Zublin, John A., Los Angeles, Calif. Drilling bit. 2,367,637. Jan. 16.
Zublin, John A., Los Angeles, Calif. Drilling holes. 2,382,933; Aug. 14.
Zublin, John A., Los Angeles, Calif. Manufacturing rolling cutters for drilling purposes. 2,388,108; Oct. 30.
Zubri-Zol Corporation, The: *See*—
Knutson, A. T., and Graves, assignors.
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Multicolor printing machine. 2,368,341; Jan. 30.
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Intaglio web printing machine. 2,386,029; Oct. 2.
Zuckerman, Roscoe C., Stockton, Calif. Smoking device. 2,387,381; Oct. 23.
Zuckermann, Armand, Paris, France; vested in the Alien Property Custodian. Signaling or advertising device 2,384,869; Sept. 18.
Zucrow, Maurice J., assignor to Ring Balance Instrument Company, Chicago, Ill. Integrator. 2,376,108; May 15.
Zuellig, Eugene, Hamilton, Ohio. Tailstock turret. 2,371,014; Mar. 6.
Zühlke, Marcel, Berlin No 55, Germany; vested in the Alien Property Custodian. Arrangement for protecting circuit breakers. 2,375,609; May 8.
Zuk, Joseph, Chicago, Ill. Sanding machine. 2,379,054; June 26.
Zukor, Arnold, New York, N. Y. Automatic airplane safety raising and guiding device. 2,381,478; Aug. 7.
Zumbiel, C. W., Company.: *See*—
Rau, Eric J., assignor.
Zumbrink, Albert F.: *See*—
Eickmeyer, E. E., Horvath, and Zumbrink.
Zummach, John G., assignor to Young Radiator Company, Racine, Wis. Apparatus for flanging openings in tube type headers. 2,368,394; Jan. 30.
Zunick, Michael J., Columbus, Ohio, assignor to General Electric X-Ray Corporation, Chicago, Ill. Anode structure. 2,379,397; June 26.
Zurcher, Josef, administrator: *See*—
Felix, F., and Zurcher.
Zurcher, Werner: *See*—
Felix, F., and Zurcher.
Zvolanek, John, Fort Myers, Fla. Nozzle for watering cans. 2,372,466; Mar. 27.
Zweers, Bernardus H. H., Naarden, Netherlands; vested in the Alien Property Custodian. Lowering a construction with a comparatively large base into the soil. 2,382,768; Aug. 14.
Zweidler, Reinhard: *See*—
Keller, E., and Zweidler.
Zwick, Kurt, Munich, Germany; vested in the Alien Property Custodian. Tool grinding machine. 2,368,342; Jan. 30.
Zwick, Kurt, Munich, Germany; vested in the Alien Property Custodian. Copying machine. 2,371,941; Mar. 20.
Zwickel, Elmer L., Chicago, Ill. Aerial toy. 2,388,513; Nov. 6.
Zwicker, Benjamin M. G.: *See*—
Browning, G. L., Jr., and Zwicker.
Browning, G. L., Jr., Stewart, and Zwicker.
Stewart, W. D., and Zwicker.
Zwicker, Benjamin M. G., assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Synthetic rubber latex. 2,386,764; Oct. 16.
Zwicker, Benjamin M. G., Akron, Ohio, and W. D. Stewart, Yonkers, assignors to The B. F. Goodrich Company, New York, N. Y. Modifiers for polymerization of butadiene-1,3 hydrocarbons. 2,388,514; Nov. 6.
Zwicker, Benjamin M. G., Akron, Ohio, and W. D. Stewart, Yonkers, assignors to The B. F. Goodrich Company, New York, N. Y. Modifiers for polymerization of butadiene-1,3 hydrocarbons. 2,388,515; Nov. 6.
Zwickey, Clifford J., North St. Paul, Minn. Arrowhead. 2,373,216; Apr. 10.
Zwickl, Joseph R., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Cooler or evaporator. 2,384,413; Sept. 4.
Zwicky, Melchoir, Berkshire Heights, assignor to Textile Machine Works, Wyomissing, Pa. Maintaining the initial positioning of cooperating knitting machine parts. 2,366,227; Jan. 2.
Zwirn, Charles W., New York, N. Y. Projector slide equipment. 2,371,666; Mar. 20.
Zylo Ware Corporation: *See*—
Rey, Eudice, assignor.
Zylstra, Sidney C., Flint, Mich. Filter structure. 2,378,879; June 19.

LIST OF DESIGN PATENTEES

A. C. Mfg. Co.: *See*—
Jones, George W., assignor.
Ward, John S., assignor.
Aard Company: *See*—
Fretz, Edward T., assignor.
Aaronson, Hyman S., Meriden, Conn. Clothes drier. 140,187; Jan. 30.
Aaronson, Hyman S., Meriden, Conn., and L. L. Austin, Mount Vernon, N. Y. Offset valve vulcanizing block. 140,494; Mar. 6.
Aber, Sylvia, New York, N. Y. Dress. 141,578; June 12.
Aber, Sylvia, New York, N. Y. Dress. 141,579; June 12.
Aber, Sylvia, New York, N. Y. Dress. 141,580; June 12.
Aber, Sylvia, New York, N. Y. Dress. 142,807; Nov. 13.
Aber, Sylvia, New York, N. Y. Dress. 142,808; Nov. 13.
Abicht, Augusta: *See*—
Fisk, R. L., and Abicht.
Abraham, Ray, Chicago, Ill., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 140,237; Feb. 6.
Abrams, Howard, University Heights, Ohio. Smoking pipe. 143,257; Dec. 25.
Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,597; June 19.
Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,598; June 19.
Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,599; June 19.
Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,600; June 19.
Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,625; June 19.
Abrams, William, assignor to I. Feldman, Chicago, Ill. Child's plate. 141,626; June 19.
Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Combined chime and clock. 141,479; June 5.
Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,480; June 5.
Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,481; June 5.
Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,482; June 5.
Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,483; June 5.
Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Chime signal. 141,484; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Door chime casing. 141,485; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Door chime casing. 141,486; June 5.

Abramson, Nathan, New York, N. Y., assignor to Presto Electric Co., Union City, N. J. Combined clock and door chime. 143,106; Dec. 11.

Acosta, Edna M., Los Angeles, Calif. Combined shoe sole and heel. 142,929; Nov. 20.

Adam Hat Stores, Inc.: *See*—
Beckhoff, Ben, assignor.

Adams, Emory W., Oakland, Md. Time indicator or the like. 143,107; Dec. 11.

Adams, William L.: *See*—
Dawson, B. H., and Adams.

Adel Precision Products Corp.: *See*—
Chapman, Harvey G., Jr., assignor.
Hartley, Richard A., assignor.
Kehle, Ottmar A., assignor.
Storm, Frederick K., assignor.

Adler, Barney, Montreal, Quebec, Canada. Finger ring. 141,337: May 22.

Adler, Daniel A., Glendale, Calif. Hair comb. 142,930; Nov. 20.

Adlerbert, Bo, Scotch Plains, N. J. Milk bottle. 141,569; June 12.

Adrian, William M., Evanston, assignor to Patent License Corporation, Chicago, Ill. Lens panel for a lighting fixture. 141,155; May 8.

Adrian, William M., Evanston, assignor to Patent License Corporation, Chicago, Ill. Lens panel for lighting fixture. 141,822; July 10.

Aero-Crafts Corporation: *See*—
Elconin, Victor, assignor.

Agency Paper Company: *See*—
Cohen, Meyer, assignor.

Ahern, Marie A.: *See*—
Block, Rudolph, assignor.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Meat tenderer. 142,508; Oct. 9.

Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Gauge plate for slicing machines. 143,108; Dec. 11.

Aichele, Philip F., Great Neck, N. Y. Drawing instrument. 140,152; Jan. 30.

Ainge, Gladys W., Bryn Mawr, Pa. Doll or the like. 140,874; Apr. 17.

Air-Col Corporation: *See*—
Clayton, Ross M., assignor.

Aisenstein, Louis, & Bros.: *See*—
Anthony, Alfred A., assignor.

Aitchison, Telford, Ottawa, Ontario, Canada. Game board 140,742; Apr. 3.

Ajello, Ralph A., New York, N. Y. Candle holder. 142,368; Sept. 25.

Aker, Leonard, Atherton, Calif., assignor, by mesne assignments, to Fairbanks, Morse & Co. Intermediate bearing and bearing retainer for rotating shaft positioned in a column. 143,258; Dec. 25.

Akers, Scott P., Washington, D. C. Combination desk unit. 143,109; Dec. 11.

Albanese, Michael, and A. Paul, Rutherford, assignors to Columbia Protektosite Co., Inc., Carlstadt, N. J. Spectacle frame. 141,462; June 5.

Albright, Neil T., Van Nuys, Calif. Toy dog. 140,153; Jan. 30.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 141,190; May 15.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 141,191; May 15.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 141,192; May 15.

Aldridge, Albert E., Elkins Park, assignor to Sun Oil Company, Philadelphia, Pa. Combined dispensing and article display cabinet. 143,259; Dec. 25.

Alexander, Donald B., Chicago, and S. E. Toussaint, Glen Ellyn, Ill. Game counter receptacle. 141,136; May 8.

Alexander, Milton W., Albany, and J. W. Mayer, Troy, assignors, by mesne assignments, to C. W. Fuller, Yonkers, N. Y. Toothbrush. 141,350; May 29.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 140,621; Mar. 20.

Allen, Howard D., Los Angeles, Calif. Toy cradle. 141,436; June 5.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,762; Nov. 6.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,763; Nov. 6.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,764; Nov. 6.

Allen, Howard D., Los Angeles, Calif. Toy wheelbarrow. 142,765; Nov. 6.

Allen, James R., Forest Hills, assignor to Simmonds Aerocessories Incorporated, New York, N. Y. Lock nut. 140,317; Feb. 13.

Allen, Paul E., Skokie, Ill. Rattle handle. 139,958; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle handle. 139,959; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle. 139,960; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle. 139,961; Jan. 9.

Allen, Paul E., Skokie, Ill. Rattle handle. 140,988; Apr. 24.

Allen, Raney R., Dayton, Ohio. Fishing reel. 142,686; Oct. 30.

Allen, Robert L., Battle Creek, Mich. Cab body or the like. 140,373; Feb. 20.

Allen, Thornton V.: *See*—
Price, Darrel D., assignor.

Allied Plastics Company: *See*—
Crane, Walton B., assignor.

Allied Wood Products Company: *See*—
Stone, Jackson H., assignor.

Almroth, Thomas K., Toledo, Ohio. Container for poker chips. 142,609; Oct. 23.

Altman, Peter, Detroit, assignor to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,260; Dec. 25.

Aluminum Company of America: *See*—
Harper, Henry L., assignor.

Aluminum Cooking Utensil Company, The: *See*—
Keller, Nicholas W., assignor.

Alveson, Magnus C., Duluth, Minn. Slider body for slide fasteners. 140,683; Mar. 27.

Alvin Corporation, The: *See*—
Price, James R., assignor.

Amatoy Corporation: *See*—
Gilchrist, John E., assignor.
Russell, Charles E., assignor.

American Airline, Inc.: *See*—
Botsford, A. C., and Chasse, assignors.

American Cabinet Hardware Corporation: *See*—
Borchers, Earl M., assignor.

American Fabrics Company, The: *See*—
Maibach, John J., assignor.

American Floor Surfacing Machine Company, The: *See*—
Vavrik, Louis, assignor.

American Floor Surfacing Machine, The: *See*—
Vavrik, Louis, assignor.

American Gas Machine Company: *See*—
Stempel, E. H., and Rasmussen, assignors.

American Hoist & Derrick Co.: *See*—
Knutson, Harry, assignor.

American Lead Pencil Company: *See*—
Juelss, David, assignor.

American Optical Company: *See*—
Eaton, William C., assignor.
Geis, L., and Metzler, assignors.
Joyce, William J., assignor.
Splaine, Edward M., assignor.

American Pad & Textile Company, The: *See*—
Young, Clarence, assignor.

American Setting Company: *See*—
Schless, Maurice J., assignor.

American Type Founders, Inc.: *See*—
Hacker, Fred A., assignor.

American Viscose Corporation: *See*—
Westerman, Albert L., assignor.

Ames Baldwin Wyoming Co.: *See*—
Harte, Richard, assignor.

Ames Company, Inc.: *See*—
Christner, H. F., Lobley, and Miles, assignors.

Amp Corporation: *See*—
Thompson, Parke H., assignor.

Analyte Instruments, Inc.: *See*—
Reinshield, Frederic C., assignor.

Andersmith Company: *See*—
Bruneau, A. J., and Goldsmith, assignors.

Anderson, Carl A., Cranston, assignor to Anderson Tool & Die Works, Providence, R. I. Collar holder. 141,430; May 29.

Anderson, Dee R., Western Springs, Ill. Clothes hanger. 142,462; Oct. 2.

Anderson, Doris A. and W. T., Ellensburg, Wash. Chair. 140,206; Jan. 30.

Anderson, Ernest H., Jamestown, N. Y. Clothesline fastener. 140,381; Feb. 20.

Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Dynamoelectric machine. 141,137; May 8.

Anderson, Gudrun O., Eugene, Oreg. Doll. 142,509; Oct. 9.

Anderson, Gustave A., Chicago, Ill. Milking machine claw. 142,510; Oct. 9.

Anderson, Gustave A., Chicago, Ill. Milking machine claw. 142,766; Nov. 6.

Anderson, Harold R., Chelmsford, Mass. Ski sock 141,773: July 3.

Anderson, Harry E., Belmont, Mass. Amusement device 140,006; Jan. 16.

Anderson, Lorene E., Redfield, S. Dak. Ear ornament or similar article. 140,899; Apr. 17.

Anderson, Norman, Duluth, Minn. Router. 141,729; July. 3.

Anderson-Stoltz Pharmaceuticals, Inc.: *See*—
Anderson, Walter E., assignor.

Anderson Tool & Die Works: *See*—
Anderson, Carl A., assignor.

Anderson, Walter E., assignor to Anderson-Stoltz Pharmaceuticals, Inc., Kansas City, Mo. Deodorizer. 142,009; Aug. 14.

Anderson, Wilbur T.: *See*—
Anderson, Doris A. and W. T.
Andres, Lloyd J., Chicago, Ill. Record player. 140,989; Apr. 24.
Andresen, Raymond H., assignor to Peerless Tool and Engineering Co., Chicago, Ill. Circular saw or similar article. 142,809; Nov. 13.
Andresen, Raymond H., Chicago, Ill., assignor to Peerless Tool & Engineering Co. Band saw or similar article. 142,810; Nov. 13.
Andresen, Raymond H., assignor to Peerless Tool & Engineering Co., Chicago, Ill. Jointer or similar article. 142,811; Nov. 13.
Andresen, Raymond H., assignor to Peerless Tool & Engineering Co., Chicago, Ill. Wood turning lathe or similar article. 142,812; Nov. 13.
Andrews, Alton M., Modesto, Calif. Clothespin. 142,813; Nov. 13.
Anemostat Corporation of America: *See*—
Wallen, G. R., and Trausneck, assignors.
Annesley, Griffith, New York, N. Y. Propeller hub. 142,610; Oct. 23.
Ansell, Frank E., Brooklyn, N. Y. Bottle. 140,791; Apr. 10.
Anthony, Alfred A., assignor to Louis Aisenstein & Bros., New York, N. Y. Watch-box. 141,234; May 15.
Anthony, Ralph M., Detroit, Mich. Toy fortress. 142,250; Aug. 21.
Antritter, Max, Leicester, assignor to Haskins Manufacturing Company, Rochdale, Mass. Hair ornament. 142,767; Nov. 6.
Apex Electrical Manufacturing Co., The: *See*—
Chapman, David, assignor.
Appel, Robert, New York, N. Y. Plaque unit for articulated fabric or similar article. 141,823; July 10.
Arbib, Richard H., Jamaica, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Aeronautical bomb. 142,293; Aug. 28.
Archea, Walter D., and N. H. Doane, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool unit. 142,814; Nov. 13.
Archer, Harvey G., Jr., Boonton, N. J. Spatter proof browning lid. 142,977; Nov. 27.
Arco Metalcraft, Inc.: *See*—
Marder, Leo, assignor.
Ardmore, Anne, North Hollywood, Calif. Dog blanket. 142,815; Nov. 13.
Arehart, Earl C., Arnolds Park, Iowa. Game board. 140,075; Jan. 23.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Light transmitting member for a lighting fixture. 141,895; July 31.
Ariesan, Nicholas R.: *See*—
Glisch, I. M., McEachron, and Ariesan.
Armenta, Alfred A., assignor to Electrical Development Company, Los Angeles, Calif. Pipe wrench or the like. 140,627: Mar. 20.
Armour Research Foundation: *See*—
Camras, Marvin, assignor.
Arpels, Julien, New York, N. Y. Brooch or similar article. 140,725; Apr. 3.
Arpels, Julien, New York, N. Y. Clip or similar article. 142,010; Aug. 14.
Art Metal Company, The: *See*—
Glatthar, G. E., and Terr, assignors.
Art Metal Construction Company: *See*—
Jones, James R., assignor.
Ashaway Line & Twine Mfg. Co.: *See*—
Crandall, Julian T., assignor.
Ashenfelter, William, Swanton, Ohio. Concrete fence panel. 143,110; Dec. 11.
Ashenfelter, William, Swanton, Ohio. Concrete fence panel. 143,111; Dec. 11.
Ashenfelter, William, Swanton, Ohio. Concrete fence panel. 143,112; Dec. 11.
Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Wheel trim or similar article. 140,200; Jan. 30.
Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Wheel trim or similar article. 140,201; Jan. 30.
Aske, Charles B., Jr., assignor to Lyon, Incorporated, Detroit, Mich. Wheel trim or similar article. 140,202; Jan. 30.
Associated Distributors, Inc.: *See*—
McPharlin, Paul, assignor.
Teague, James, Jr., assignor.
Asteroff, Leah, New York, N. Y. Dress. 141,853; July 10.
Asteroff, Leah, New York, N. Y. Jacket. 141,854; July 10.
Atherton, Maude M., Orange, Tex. Sewing rack. 141,515; June 5.
Athletic Shoe Company: *See*—
Scheps, Jacque A., assignor.
Atkinson, Elmer E., Mesquite, Tex. Wheeled toy. 142,208; Aug. 21.
Atlantic Footwear & Pattern Co.: *See*—
Sandler, Jacob, assignor.
Auerswald, Ralph R., San Diego, Calif. Butter substitute mixing device. 142,011; Aug. 14.
Ausdenmoore, L. S.: *See*—
Parker, Thomas J., assignor.
Austin, Lyle L.: *See*—
Aaronson, H. S., and Austin
Autoflight Corporation: *See*—
Giannini, Gabriel M., assignor.
Automatic Electric Laboratories, Inc.: *See*—
McKenna, Edward F., assignor.
Riebe, Theodore C., assignor.
Woodruff, Albert E., assignor.
Autopoint Company: *See*—
Bauer, H. A., Woods, and Beckstrom, assignors.
Beckstrom, Garfield L.
Beckstrom, Garfield L., assignor.
Aviation Corporation, The: *See*—
Coleman, John D., assignor.
Wise, William F., assignor.
Wise, W. F., and Fannon, assignors.
Ayres, Francis Lawrence, assignor to Stewart-Warner Corporation, Chicago, Ill. Oil bar. 142,687; Oct. 30.
Azzaro, Josephine, New Haven, Conn. Wedding dress ensemble. 139,994; Jan. 9.
Baca, Jerry, Cleveland, Ohio. Spinning toy. 140,306; Feb. 13.
Bachmann Brothers, Inc.: *See*—
McNeill, A. G., and Olsen, assignors.
Bachmann, Robert A., New York, N. Y. Combined hearing aid support and spectacles. 142,542; Oct. 16.
Bachner, George, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 141,435; June 5.
Badger Manufacturing & Sales Company: *See*—
Breckheimer, Raymond J., assignor.
Badgley, Laurie C., assignor to H. Goldberg, Chicago, Ill. Motor and pump assembly. 140,758; Apr. 10.
Baff, Abraham, North Arlington, N. J. Fountain pen or similar article. 139,903; Jan. 2.
Baff, Abraham, North Arlington, N. J. Fountain pen or similar article. 139,904; Jan. 2.
Baff, Abraham, North Arlington, N. J. Fountain pen or similar article. 139,905; Jan. 2.
Baham, William P., Baton Rouge, La. Book holder. 142,611; Oct. 23.
Bailey, Harry J., assignor of one-half to C. C. Cirese, Chicago, Ill. Tire tool. 142,931; Nov. 20.
Baker, Agnes S.: *See*—
Baker, Leo F., assignor.
Baker, Abraham M., Providence, R. I. Ball tossing toy. 142,367; Sept. 11.
Baker, Alice S., Lennox, Calif. Reversible apron. 140,330; Feb. 13.
Baker, Ernest H., et al.: *See*—
Durante, J., and Baker.
Baker, Eugene L., Taunton, Mass. Combined finger grate and burner bowl. 140,792; Apr. 10.
Baker, Leo F., assignor of one-half to A. S. Baker, Chicago, Ill. Knife. 140,469; Feb. 27.
Baker, Lonnie G., Loraine, assignor of fifty per cent to R. Bridgewater, Sweetwater, Tex. Toy. 142,932; Nov. 20.
Baker-Raulang Company, The: *See*—
Walker, George W., assignor.
Baker, William A., Hattiesburg, Miss. Service record plaque or similar article. 142,012; Aug. 14.
Balcrank, Inc.: *See*—
Sundberg, Carl W., assignor.
Baldine, Joseph J., Hubbard, Ohio. Single place tank. 140,459; Feb. 27.
Baldwin, Curtis C., Ottawa, Kans., assignor to C. Earl Hovey, Kansas City, Mo., trustee. Tractor carried crane. 142,134; Aug. 14.
Baldwin, William E., Des Moines, Iowa. Fish lure. 142,160; Aug. 14.
Balfour, L. G., Company: *See*—
Kiff, Earl, assignor.
Ball, Oscar, New York, N. Y. Doll. 142,013; Aug. 14.
Ball, Oscar, New York, N. Y. Doll. 142,014; Aug. 14.
Balmer, Victor, Detroit, Mich. Clothespin. 140,634; Mar. 20.
Balsiger, Harold E.: *See*—
Price, D. F., Balsiger, and Hollengreen.
Bannister, Carlton J., Merion, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,647; June 19.
Bannister, Carlton J., Merion, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,648; June 19.
Bannister, Carlton J., Overbrook Hills, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,671; June 26.
Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,193; May 15.
Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,194: May 15.
Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,195; May 15.
Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,196; May 15.
Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,197; May 15.
Baratelli, Charles A., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,198: May 15.

Baratelli, Charles A., Cambridge, C. W. Cochran, Belmont, and F. W. Maurer, Newton Highlands, assignors to Polaroid Corporation, Cambridge, Mass. Goggles. 140,805; Apr. 10.
Barber, Lonnie, assignor of one-half to I. B. Pritchett, Danville, Va. Pin or similar article. 141,584; June 12.
Barberry Fashions, Inc.: *See*—
Inverne, Harry, assignor.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,007; Jan. 16.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,008; Jan. 16.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,009; Jan. 16.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,010; Jan. 16.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,888; Apr. 17.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,889; Apr. 17.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,890; Apr. 17.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 140,891; Apr. 17.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,816; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,817; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,818; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,819; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,820; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,821; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,822; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,823; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,824; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,825; Nov. 13.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or similar article. 142,826; Nov. 13.
Barkalow, Clare E.: *See*—
Haskins, R., Jr., and Barkalow.
Barker, Raymond L., Chicago, Ill. Hair dressing appliance. 142,933; Nov. 20.
Barnes, James F., trustee: *See*—
Reinecke, Jean O., assignor.
Barnes Manufacturing Co.: *See*—
Blank, Cecil G., assignor.
Little, John M., assignor.
Barofsky, Jack, Los Angeles, Calif. Home laundry washing machine. 141,672; June 26.
Barok, George D., Columbus, Ohio. Weighing scale. 142,055; Aug. 14.
Barrett, Albert, Elmhurst, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Picture frame. 142,056; Aug. 14.
Barrett, Alfred L., Staten Island, N. Y. Game board. 141,870; July 31.
Barrett, Alfred L., Staten Island, N. Y. Game board. 141,872; July 31.
Barrett, Alfred L., Staten Island, N. Y. Game board. 143,261; Dec. 25.
Barrett, Altina: *See*—
Barrett, Eric A.
Barrett, Eric and A.
Barrett, Altina and E., Beverly Hills, Calif. Spectacle frame. 142,463; Oct. 2.
Barrett, Altina and E., Hollywood, Calif. Spectacle frame. 142,827; Nov. 13
Barrett, Altina and E., Hollywood, Calif. Spectacle frame. 142,934; Nov. 20.
Barrett, Altina and E., Hollywood, Calif. Spectacle frame. 142,935; Nov. 20.
Barrett, Benjamin P., Salem, Ohio. Target game device. 141,952; Aug. 7.
Barrett, C. E., & Co.: *See*—
Feig, Edward C., assignor.
Barrett, Eric: *See*—
Barrett, Altina and E.
Barrett, Eric and A., Beverly Hills, Calif. Spectacle frame. 142,464; Oct. 2.
Barrett, Eric and A., Beverly Hills, Calif. Spectacle temple piece. 143,113; Dec. 11.
Bartel, Arthur, U. S. Army, Comfort, Tex. Store service truck. 140,635; Mar. 20.
Bartlett, James W., Schenectady, N. Y. Key for tuning stringed instruments. 140,558; Mar. 13.
Barton, George G., assignor to Hartmann Trunk Company, Racine, Wis. Hand luggage case. 143,179; Dec. 18.
Basescu, Arthur, Brooklyn, N. Y. Combined lipstick case and shade indicator. 141,199; May 15.
Bashore, Homer H., Manheim, Pa. Dispenser for salt and pepper or similar article. 140,092; Jan. 23.
Bastian-Blessing Company, The: *See*—
Connell, William S., assignor.
Bastien, Ralph G., Minneapolis, Minn. Combination knife. 142,978; Nov. 27.
Bates, C. J., & Son: *See*—
Fowler, Gizella, assignor.
Bates, Edith E.: *See*—
Tiemeyer, M. E., and Bates.
Batlin, Herman, New York, N. Y. Music cabinet. 142,768; Nov. 6.
Batt, Joseph S., University City, Mo. Advertising sign board. 143,180; Dec. 18.
Batten, Alta R. and J. R., Cleveland, Ohio. Support for toilet accessories or the like. 140,628; Mar. 20.
Batten, James R.: *See*—
Batten, Alta R. and J. R.
Bau, Robert G., North Hollywood, Calif. Dispenser for cosmetic creams. 140,111; Jan. 23.
Bauer, Hans A., F. D. Woods, and G. L. Beckstrom, assignors to Autopoint Company, Chicago, Ill. Mechanical pencil or similar article. 140,307; Feb. 13.
Bauer, Louise E., Zanesville, Ohio, assignor to Butler Brothers, Chicago, Ill. Flower holder or the like. 141,200; May 15.
Bauer, Louise E., Zanesville, Ohio, assignor to Butler Brothers, Chicago, Ill. Creamer. 141,201; May 15.
Bauer, Louise E., Zanesville, Ohio, assignor to Butler Brothers, Chicago, Ill. Salt shaker or the like. 141,455; June 5.
Bauers, Alexander L., Chicago, Ill. Poster panel. 140,705; Apr. 3.
Baumgardner, Earl J., Marion, Iowa, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Contact carrier for an electric switch. 141,099; May 8.
Baumgardner, Earl J., Marion, Iowa, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Switch back for an electric switch. 141,100; May 8.
Baumgardner, Earl J., Marion, Iowa, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Back for an electric switch. 141,101; May 8.
Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Foundry spray gun or the like. 140,836; Apr. 10.
Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Blow gun or the like. 140,837; Apr. 10.
Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Multiple spray gun. 140,973; Apr. 24.
Baur, John W., assignor to Binks Manufacturing Company, Chicago, Ill. Dusting gun or the like. 141,730; July 3.
Bausch & Lomb Optical Company: *See*—
Bouchard, Samuel E., assignor.
Bausenbach, Arthur E., Buffalo, N. Y. Airplane hangar. 142,828; Nov. 13.
Baustian, Raymond C., Davenport, Iowa. Hydroplane or similar article. 141,506; June 5.
Baxter, Ernest W., Bradford, Pa., assignor to Dresser Industries, Inc. Pipe coupling. 142,057; Aug. 14.
Bay State Optical Company: *See*—
Nerney, George E., assignor.
Beacon Products Corporation: *See*—
Sholkin, Joseph L., assignor.
Beaver, Earnest, Wichita, Kans. Coverall uniform. 141,263; May 15.
Beaver, Clayton J., Long Beach, Calif. Newspaper boy statuette. 139,962; Jan. 9.
Beaver Pipe Tools, Inc.: *See*—
Phillis, William A., assignor.
Bechtell, Albert A., St. Louis, Mo. Viewer. 142,543; Oct. 16.
Beck, Simon, New York, N. Y. Jacket. 140,066; Jan. 16.
Beck, Simon, New York, N. Y. Coat. 140,112; Jan. 23.
Beckemeyer, Edgar G., Columbus, Ohio. Nursing bottle holder. 141,913; July 31.
Beckhoff, Ben, assignor to Adam Hat Stores, Inc., New York, N. Y. Hat banding or the like. 142,369; Sept. 25.
Beckstrom, Garfield L.: *See*—
Bauer, H. A., Woods, and Beckstrom.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Memorandum desk pad unit or similar article. 140,308; Feb. 13.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Memorandum desk pad unit or similar article. 140,309; Feb. 13.

Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Memorandum desk pad unit or similar article. 140,310; Feb. 13.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Ash tray or similar article. 140,331; Feb. 13.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Ash tray or similar article; 140,332; Feb. 13.
Beckstrom, Garfield L., assignor to Autopoint Company, Chicago, Ill. Humidity and temperature thermometer case or similar article. 140,374; Feb. 20.
Beckwith Manufacturing Company: *See*—
Lehmberg, William H., assignor.
Becwar, Ann, Berwyn, Ill. Cigarette holder. 142,178; Aug. 14.
Beebe, Edwin D., assignor to Ritter Company, Inc., Rochester, N. Y. Combined dental laboratory bench and cabinet. 142,688; Oct. 30.
Beebe, Edwin D., assignor to Ritter Company, Inc., Rochester, N. Y. Combined dental laboratory bench and cabinet. 142,689; Oct. 30.
Bee-Jay Products Company: *See*—
Jansky, Charles G., assignor.
Beekley, Francis C., West Hartford, Conn. Micrometer caliper. 143,114; Dec. 11.
Behl, Martin E., New York, N. Y. Pot handle. 140,046; Jan. 16.
Behr, Siegfried, Flushing, N. Y. Hat. 142,829; Nov. 13.
Behr, Siegfried, Flushing, N. Y. Hair ornament. 143,262; Dec. 25.
Behrman, Harry P., Kew Gardens, N. Y. Coin holder. 140,900; Apr. 17.
Behrman, Harry P., Kew Gardens, N. Y. Coin purse. 141,156; May 8.
Belknap, Eugene M.: *See*—
Muntz, Erwin W., Moor, and Belknap.
Belknap, Eugene M., et al.: *See*—
Coble, Earl W., assignor.
Muntz, Erwin W., assignor.
Belknap, Eugene M., Toledo, Ohio. Toy. 141,018; Apr. 24.
Belknap, Eugene M., Toledo, Ohio. Wheeled toy. 141,019; Apr. 24.
Bell Aircraft Corporation: *See*—
Poyer, Harland M., assignor.
Bell, Beulah B., Wilmington, N. C. Plaque or similar article. 143,115; Dec. 11.
Bellknap, Eugene M., et al.: *See*—
Wallner, George M., assignor.
Bellsey, David, New York, N. Y. Coat. 142,936; Nov. 20.
Bellsey, David, New York, N. Y. Coat. 142,937; Nox. 20.
Bellsey, David, New York, N. Y. Coat. 142,938; Nov. 20.
Bellstaedt, Gustav, Bronx, N. Y. Broom holder. 140,238; Feb. 6.
Bellstaedt, Gustav, Bronx, N. Y. Dust mop cleaner or the like. 141,087; May 8.
Belmont Radio Corporation: *See*—
Grube, Clifford E., assignor.
Wronke, Louis J., assignor.
Beltx Corporation: *See*—
De Woskin, Irvin S., assignor.
Beltz, Carl D., Latrobe, Pa. Candle holder. 142,979; Nov. 27.
Belz, Sam, Memphis, Tenn. Chair. 141,774; July 3.
Benbow, Hugh S., Long Beach, Calif. Bracelet. 142,939; Nov. 20.
Benbow, Hugh S., Long Beach, Calif. Bracelet. 142,940; Nov. 20.
Benbow, Hugh S., Long Beach, Calif. Bracelet. 142,941; Nov. 20.
Bendix Aviation Corporation: *See*—
Gaguski, Edward O., assignor.
Gilbert, Henry, assignor.
Miles, John R., assignor.
Murphy, Norman B., assignor.
Benjamin, Samuel P., Jr., West Haven, Conn., assignor to Weldon, Inc., New York, N. Y. Combination shaving soap jar and ash tray. 140,105; Jan. 23.
Benner, Laura, New York, N. Y. Spectacle case. 141,463; June 5.
Benner, Laura, New York, N. Y. Spectacle case. 141,464; June 5.
Benner, Laura, New York, N. Y. Spectacle case. 141,465; June 5.
Bennett, Robert N.: *See*—
Miller, G. E., and Bennett.
Benoit, Leon, assignor to Egg-Safety Carton Corporation, New York, N. Y. Carton for edibles. 141,793; July 3.
Benoit, Leon, assignor to Egg-Safety Carton Corporation, New York, N. Y. Carton for edibles. 141,794; July 3.
Benson, Ernest H., Kansas City, Mo. Fluid storage tank. 141,914; July 31.
Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Refrigerator cabinet. 140,047; Jan. 16.
Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Cooking stove cabinet. 140,048; Jan. 16.
Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Cabinet type refrigerator and kitchen unit. 140,901; Apr. 1[illegible].
Benton Glass Company: *See*—
Colef, Sara, assignor.
Berendsen, Norbert H., Chicago, Ill. Toy building block. 141,627; June 19.
Berens, Robert S., New York, N. Y. Coin receptacle. 142,015; Aug. 14.
Berg, Samuel A., New York, N. Y. Ring. 142,544; Oct. 16.
Berg, Willie, Chicago, Ill. Collapsible music stand. 141,989; Aug. 7.
Berger, Arthur M., New York, N. Y. Uniform. 142,331; Aug. 28.
Berger, Max, St. Louis, Mo. Finger ring. 141,628; June 19.
Bergman, Daniel T., San Francisco, Calif. Saucepan. 143,263; Dec. 25.
Bergman, Jack: *See*—
Hyman, Charles H., assignor.
Wurster, David, assignor.
Berkowitz, Victor, Lawrence, assignor to Goldsmith Brothers Manufacturing Co., Inc., New York, N. Y. Articulated fabric or the like. 140,593; Mar. 20.
Berlin, Gustav: *See*—
Pentz, B. H., and Berlin.
Berman, Philip, New York, N. Y. Liquid eductor. 140,706; Apr. 3.
Bernardin Bottle Cap Co., Inc.: *See*—
Wargel, C. F., and Brown, assignors.
Bernath, Egon, New York, N. Y. Jacket or similar article. 141,157; May 8.
Bernath, Egon, New York, N. Y. Raincoat or similar article. 141,158; May 8.
Berne, Harriet H., Cincinnati, Ohio. Mug. 142,465; Oct. 2.
Bernhardt, Rudolph, Chicago, Ill. Server top or similar article. 141,351; May 29.
Bertrand, Eleanor H., New York, N. Y. Lady's handbag. 140,228; Feb. 6.
Berry, Albert G., Jr., Beverly Hills, Calif. Combined shoe tree and shoe horn. 140,806; Apr. 10.
Bertram, Frederick A.: *See*—
De Belling, Paul A., assignor.
Bery, Brij O. T., London, England. Nipple for nursing bottles. 142,980; Nov. 27.
Bettercraft Company: *See*—
Huber, Earl B., assignor.
Beveridge, James M., Bronxville, N. Y. Compact. 142,315; Aug. 28.
Beveridge, James M., Bronxville, N. Y., and C. J. Cowan, East Orange, N. J., assignors to Malcolm A. Vendig Co. Inc., New York, N. Y. Cigarette case. 140,106; Jan. 23.
Beveridge, James M., Bronxville, N. Y., and C. J. Cowan, East Orange, N. J., assignors to Malcolm A. Vendig Company, Incorporated, New York, N. Y. Cigarette case. 142,511; Oct. 9.
Biasell, La Verne R., assignor to General Motors Corporation, Detroit, Mich. Airplane. 140,113; Jan. 23.
Bieberbach, Frederick, assignor to Nordic Silver Co., Inc., New York, N. Y. Brooch pin or similar article. 142,690; Oct. 30.
Bieberbach, Frederick, assignor to Nordic Silver Co., Inc., New York, N. Y. Brooch pin or similar article. 143,116; Dec. 11.
Bieberbach, Frederick, assignor to Nordic Silver Co., Inc., New York, N. Y. Brooch pin or similar article. 143,117; Dec. 11.
Bieger, Clare P., Chagrin Falls, Ohio. Shoe shining rack. 142,370; Sept. 25.
Biel, Edward J., Brookline, Mass. Shoulder bag or similar article. 140,470; Feb. 27.
Biever, J. Donald: *See*—
Wood, Robert W., assignor.
Biever, William H., Philadelphia, Pa. Toy. 140,990; Apr. 24.
Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Meat packing table unit. 141,549; June 12.
Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Hand truck. 141,673; June 26.
Bilek, Frank J., assignor to The Globe Company, Chicago, Ill. Washer for meat products or the like. 141,915; July 31.
Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. End cap for a fluorescent lighting fixture. 140,387; Feb. 20.
Billingsley, William F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 142,691; Oct. 30.
Billington, Charles R., Memphis, Tenn. Game board. 142,830; Nov. 13.
Binks Manufacturing Company: *See*—
Baur, John W., assignor.
Bird, Harold S., Belmont, Mass. Automatic emergency lighting unit or similar article. 142,769; Nov. 6.
Birk, Emil A., Buffalo, N. Y., assignor to Smith and Wesson Inc., Springfield, Mass. Thumbrest for firearms or similar article. 142,016; Aug. 14.
Birsh, Henry, New York, N. Y. Propeller for diameter control. 141,235; May 15.
Birtman Electric Company: *See*—
Karstadt, Clarence, assignor.
Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,118; Dec. 11.

Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,119; Dec. 11.
Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,120; Dec. 11.
Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,121; Dec. 11.
Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,122; Dec. 11.
Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,123; Dec. 11.
Bjorncrantz, Carl G., Evanston, Ill., assignor to Florence Stove Company, Gardner, Mass. Heat control and indicator panel for ranges or the like. 143,124; Dec. 11.
Blackburn, Wellington E., Albuquerque, N. Mex. Pendant. 142,981; Nov. 27.
Blank, Cecil G., Toledo, assignor to Barnes Manufacturing Co., Mansfield, Ohio. Combined faucet and soap dish. 141,718; June 26.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 140,333; Feb. 13.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 140,334; Feb. 13.
Blecher, Boris, Philadelphia, Pa. Ash tray. 140,460; Feb. 27.
Blecher, Boris, Philadelphia, Pa. Holy water font. 140,471; Feb. 27.
Blecher, Boris, Philadelphia, Pa. Ash tray. 140,923; Apr. 17.
Blecher, Boris, Philadelphia, Pa. Ash tray. 142,692; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Ash tray. 142,693; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Ash tray. 142,694; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,695; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,696; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,697; Oct. 30.
Blecher, Boris, Philadelphia, Pa. Condiment shaker or similar article. 142,698; Oct. 30.
Bletzinger, Fred, Sr., Chicago, Ill. Paper roll holder or similar article. 142,612; Oct. 23.
Bloch, Ivan, Hartsdale, N. Y. Wrist watch. 142,371; Sept. 25.
Block, Rudolph, assignor of one-half to M. A. Ahern, Washington, D. C. Bottle cap remover. 141,352; May 29.
Bloom, Alvin D., Los Angeles, Calif., assignor of one-half to Hollywood Gift and Novelty Co. Inc. Pea shooter. 141,748; July 3.
Bloomfield, Samuel, Wichita, Kans., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Lever type screw driver. 142,982; Nov. 27.
Blum, Arthur, Brooklyn, N. Y. Spectacle frame or similar article. 141,563; June 12.
Blume, Pauline, New York, N. Y. Compact. 141,601; June 19.
Boal, Stewart, Winnetka, Ill. Fire extinguisher. 140,743; Apr. 3.
Bock, Vera, New York, N. Y., assignor to United States Envelope Company, Springfield, Mass. Air-mail envelope. 141,674; June 26.
Bock, Vera, New York, N. Y., assignor to United States Envelope Company, Springfield, Mass. Envelope blank. 141,731; July 3.
Bock, Vera, New York, N. Y., assignor to United States Envelope Company, Springfield, Mass. Envelope blank. 141,732; July 3.
Bodness, Bertram J., Chisholm, Minn. Grab bucket. 140,594; Mar. 20.
Boe, Carsten F., Wilmington, Del. Atomizer. 143,264; Dec. 25.
Boeing Aircraft Company: *See*— Wells, E. C., Euler, and Collins, assignors.
Boeing Airplane Company: *See*— Weining, Earl O., assignor.
Boening, Rudolf F., Valparaiso, Ind. Bowling game board. 142,770; Nov. 6.
Boettinger, Rudolph, Englewood, N. J. Combination knife sharpener and can opener. 142,466; Oct. 2.
Boettinger, Rudolph, Englewood, N. J. Knife sharpener. 142,467; Oct. 2.
Bogoff, Henry, assignor to Rho-Jan, Chicago, Ill. Compact or similar article. 140,495; Mar. 6.
Bogoff, Henry, assignor to Rho-Jav, Chicago, Ill. Cigarette case or similar article. 141,079; May 1.
Bohmer, Clarence I., Columbus, Ohio. Truck-type concreter mixer. 140,472; Feb. 27.
Bohn Aluminum & Brass Corporation: *See*— Walker, George W., assignor.
Boll, Lawrence C., Minneapolis, Minn. Toy figure. 141,795; July 3.
Bolsey, Jacques, New York, N. Y. Photographic camera or the like. 141,419; May 29.
Bolsey, Jacques, New York, N. Y. Film magazine for a photographic camera or the like. 141,431; May 29.
Bolter, Ward H., New York, N. Y., assignor to Keuffel & Esser Company, Hoboken, N. J. Symbol template. 141,675; June 26.
Bonat, Harry, assignor to Samuel Bonat & Bro., New York, N. Y. Hair curler. 141,039; May 1.
Bonat, Samuel & Bro.: *See*— Bonat, Harry, assignor.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Cabinet pull. 140,759; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Cabinet pull. 140,760; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Combined drawer pull and escutcheons. 140,761; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Combined cabinet pull and escutcheon. 140,762; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Hinge. 140,764; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Combined catch operator and escutcheon. 140,765; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch operator. 140,766; Apr. 10.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Drawer pull. 142,942; Nov. 20.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Drawer pull. 142,943; Nov. 20.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Door pull. 142,944; Nov. 20.
Borchers, Earl M., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch handle. 142,945; Nov. 20.
Borchers, Earl M., and C. C. Unzicker, assignors to American Cabinet Hardware Corporation, Rockford, Ill. Hinge. 140,763; Apr. 10.
Botham, Arthur R., New York, N. Y. Compact. 142,340; Aug. 28.
Botham, Arthur R., New York, N. Y. Compact. 142,341; Aug. 28.
Botsford, Alan C., Brooklyn, and C. J. Chasse, Whitestone, assignors to American Airlines, Inc., New York, N. Y. Portable clothes container. 142,058; Aug. 14.
Botsford, Alan C., Brooklyn, and C. J. Chasse, Whitestone, assignors to American Airlines, Inc., New York, N. Y. Portable clothes rack. 142,059; Aug. 14.
Bouchard, Samuel E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacle frame. 140,807; Apr. 10.
Boundius, John P., New York, N. Y. Baby's tray. 142,366; Sept. 11.
Boutemy, Andre, New York, N. Y. Ear ornament. 141,420; May 29.
Bowerman, Martin, Glendale, Calif. Stocking darning last. 141,916; July 31.
Bowers, Madeline E., Evanston, Ill. Doll. 139,862; Jan. 2.
Bowersox, Marvin W., Wichita, Kans. Bottle carrier. 140,114; Jan. 23.
Bowes, Charles E., and S. C. Sundling, assignors to Bowes Seal Fast Corporation, Indianapolis, Ind. Spark plug. 141,138; May 8.
Bowes Seal Fast Corporation: *See*— Bowes, C. E., and Sundling, assignors.
Boyce, William F., Houston, Tex. Centering head. 141,088; May 8.
Boyle, Farnham F., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,392; Sept. 25.
Boyse, Robert E., and S. W. Bradford, Saginaw, Mich. Toy. 140,311; Feb. 13.
Bradbury, Clarence M., Brooklyn, N. Y. Identification tag. 139,922; Jan. 2.
Bradbury, Clarence M., Brooklyn, N. Y. Insignia pin or similar article. 142,209; Aug. 21.
Bradford, Stuart W.: *See*— Boyse, R. E., and Bradford.
Bradley, Joy J., Sherman Oaks, Calif. Thimble. 140,525; Mar. 6.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 142,613; Oct. 23.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 142,699; Oct. 30.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 143,265; Dec. 25.
Brainard, George C., Youngstown, Ohio, and R. Loewy, New York, N. Y., assignors to The General Fireproofing Company, Youngstown, Ohio. Desk. 143,266; Dec. 25.
Brand, Arthur, New York, N. Y. Jewelry pin. 141,629; June 19.
Brand, Arthur, New York, N. Y. Jewelry pin. 141,796; July 3.

Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,353; May 29.
Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,354; May 29.
Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,355; May 29.
Brandenburger, Russell E., Shelbyville, Ind., assignor to Michigan Desk Company, Grand Rapids, Mich. Desk. 141,356; May 29.
Branen, Daniel R., assignor to Mark Cross Company, New York, N. Y. Bottle cap. 142,983; Nov. 27.
Brauer, Charles M.: *See*—
Mathews, F. T., and Brauer.
Braun, Gustav F., Elizabeth, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Hand microphone. 140,684; Mar. 27.
Braun, Gustav F., Elizabeth, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Microphone stand. 140,685; Mar. 27.
Braun, Walter, Los Angeles, Calif. Shoe or similar article. 141,871; July 31.
Braund, Walter R., Birmingham, assignor to Bra-Wil-Kee, Inc., Detroit, Mich. Toy. 142,161; Aug. 14.
Braunstein, Jules, Los Angeles, Calif. Link chain for a bracelet or similar article. 141,170; May 8.
Bra-Wil-Kee, Inc.: *See*—
Braund, Walter R., assignor.
Breckenridge, William K.: *See*—
Parkin, J. C., and Bucholtz, assignors.
Breckheimer, Raymond J., assignor to Badger Manufacturing & Sales Company, Milwaukee, Wis. Filter for welding machines. 139,875; Jan. 2.
Breckheimer, Raymond J., assignor to Badger Manufacturing & Sales Company, Milwaukee, Wis. Air filter for a welding generator. 140,636; Mar. 20.
Bremer, Harry E., Milwaukee, Wis. Scraping tool. 142,468; Oct. 2.
Brenner, Peter K., Cliffside Park, N. J. Game apparatus. 142,294; Aug. 28.
Bretter, Ed C., et al.: *See*—
Schwartz, Harry H., assignor.
Brewer-Titchener Corporation, The: *See*—
Johannsen, Udo K., assignor.
Brickson, Thomas B., Hollywood, Calif. Crutch. 140,188; Jan. 30.
Bridgewater, Roy: *See*—
Baker, Lonnie G., assignor.
Brinkema, Robert, Kew Gardens, N. Y. Display stand. 143,125; Dec. 11.
Brintnall, Archibald C., Denver, Colo. Wrench. 141,357; May 29.
Briskin, Theodore S., assignor to Excel Auto Radiator Company, Chicago, Ill. Power tool unit. 142,135; Aug. 14.
Brittingham, Vertner D., West Dearborn, Mich. Playing card distributor. 142,270; Aug. 21.
Brodeur, Jules, New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Cosmetic color selection stand. 143,181; Dec. 18.
Brodigan, Joe, Brooklyn, N. Y. Scarf or similar article. 142,469; Oct. 2.
Bromfield, Meredith C., assignor to Bromfield-Ritter and Company, Denver, Colo. Chalk holder or similar article. 143,126; Dec. 11.
Bromfield-Ritter and Company: *See*—
Bromfield, Meredith C., assignor.
Brook, Bird, New York, N. Y., assignor to Aaron Shatkin, Matawan, N. J. Brooch or similar article. 140,637; Mar. 20.
Brooke, Ellen, New York, N. Y., assignor to Mirer and Cooper. Pinafore. 140,035; Jan. 16.
Brooks, Abraham J., Brooklyn, N. Y. Combined mirror and lipstick container. 140,924; Apr. 17.
Brooks, William, Washington, D. C. Game board. 140,496; Mar. 6.
Broslan Jewelry Company, Inc.: *See*—
Colp, Blanche, assignor.
Brotman, Hyman D.: *See*—
Walker, George W., assignor.
Brown & Bigelow: *See*—
Trollen, Martin E., assignor.
Brown, Fulton, Winchester, Mass. Hinge. 142,372; Sept. 25.
Brown, Gordon H., assignor to M. S. Brown, Detroit, Mich. Kettle. 141,749; July 3.
Brown, Herbert W., Chicago, Ill. Hand mirror. 142,017; Aug. 14.
Brown, John W., Los Angeles, Calif. Display frame. 142,984; Nov. 27.
Brown, John W., Los Angeles, Calif. Display frame. 142,985; Nov. 27.
Brown, Marian S.: *See*—
Brown, Gordon H., assignor.
Brown, Robert F., Greeneville, Tenn. Hobbyhorse or similar article. 140,154; Jan. 30.
Brown, Theophilus: *See*—
Dreyfuss, H., and Brown.
Brown, Theophilus, Moline, Ill., and H. Dreyfuss, New York, N. Y., assignors to Deere & Company, Moline, Ill. Tractor. 142,251; Aug. 21.
Brown, Walter O., Detroit, Mich. Kitchen spoon or similar article. 142,545; Oct. 16.
Brown, Winthrop, Jr.: *See*—
Stackhouse, J. H., and Brown.
Wargel, C. F., and Brown.
Browne, Donald R.: *See*—
Combs, Charles S., assignor.
Browne, Herschel O., and W. J. Klassen, Kansas City, Kans. Combined chopping block and cutlery cabinet. 140,595; Mar. 20.
Brozek, Joseph, Jackson Heights, N. Y. Slide fastener top stop. 141,873; July 31.
Bruland, Raymond V., North Hollywood, Calif., assignor to Lear, Inc., Piqua, Ohio. Automatic actuator for movable parts of an airplane. 140,589; Mar. 13.
Bruneau, Albert J., and M. Goldsmith, assignors to Andersmith Company, Montreal, Quebec, Canada, a partnership. Pocket lighter. 142,986; Nov. 27.
Bruner, Rea M., Chicago, Ill. Advertising sign. 139,863; Jan. 2.
Bruner, Rudy, New York, N. Y. Table. 140,838; Apr. 10.
Brunetti, Joseph, assignor Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy chair. 140,583; Mar. 13.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Comb. 141,040; May 1.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy sink. 141,320; May 22.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy stove. 141,570; June 12.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Comb. 141,665; June 19.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Comb. 141,666; June 19.
Brunetti, Joseph, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Goggle frame. 141,844; July 10.
Brunner, Elmer F., Silver Lake, assignor to Wingfoot Corporation, Akron, Ohio. Tire. 141,437; June 5.
Bruns, Arthur J., Los Angeles, Calif. Toy. 140,155; Jan. 30.
Bruns, Arthur J., Los Angeles, Calif. Toy. 140,156; Jan. 30.
Brunschwig, Adrien, New York, N. Y. Combined cigarette and ashtray case or the like. 142,271; Aug. 21.
Brunswick-Balke-Collender Company, The: *See*—
Podjus, Harry H., assignor.
Bucholtz, Stephen A.: *See*—
Parkin, J. C., and Bucholtz.
Buck, William H.: *See*—
Musselman, H. E., and Buck.
Buckeye Traction Ditcher Company, The: *See*—
Hollmann, H., and Van Voorhris, assignors.
Miller, G. E., and Bennett, assignors.
Buckingham, John D., assignor to Lucien Le Long, Inc., Chicago, Ill. Powder box, or similar article. 140,388; Feb. 20.
Buckingham, John D., assignor to Lucien Le Long, Inc., Chicago, Ill. Perfume bottle or similar article. 141,775; July 3.
Budd, Edward G., Manufacturing Company: *See*—
Watter, Michael, assignor.
Bufano, Remo: *See*—
Caplan, F., and Bufano.
Bugel, Daniel N., Rutherford, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Binocular. 140,437; Feb. 27.
Bugg, Kenly C., Fort Wayne, Ind. Smoker's pipe. 142,280; Aug. 21.
Bulbulian, Arthur H., Rochester, Minn. Aviator's oxygen mask or similar article. 141,602; June 19.
Bundock, Harold L., Santa Rosa, Calif. Game board. 141,733; July 3.
Bunnell, James, Denver, Colo. Toy. 141,855; July 10.
Bunnell, James, Denver, Colo. Child's toy. 141,856; July 10.
Bunting Glider Company: *See*—
Bannister, Carlton J., assignor.
Edelson, Leon, assignor.
Bunyard, Kenneth L., Flushing, N. Y. Airplane. 140,207; Jan. 30.
Burgess Battery Company: *See*—
Schofield, Earl L., assignor.
Burgheimer, Sophie, Chicago, Ill. Massaging device or similar article. 141,358; May 29.
Burleigh, Richard J., Vallejo, Calif. Draftsman's welding symbol template. 142,946; Nov. 20.
Burlin, Leslie H., Valparaiso, Ind. Merchandise display Rack. 141,487; June 5.
Burlin, Leslie H., Valparaiso, Ind., assignor to M. L. Sturn, Evanston, doing business as Milton Sturn & Company, Chicago, Ill. Climbing toy figure. 143,127; Dec. 11.
Burne, Stuart B., Brighton, assignor to Pulver Company, Inc., Rochester, N. Y. Dispensing machine. 140,808; Apr. 10.
Burnette Castings Company: *See*—
Burnette, William A., assignor.
Burnette, William A., assignor to Burnette Castings Company, Hartford, Mich. Cooking vessel. 140,497; Mar. 6.
Burtis, Eric, Los Angeles, Calif. Cigarette box or similar receptacle. 143,267; Dec. 25.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,532; June 12.

Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,533; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,534; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,535; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,536; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,537; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,538; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,539; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,540; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like 141,541; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,542; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,543; June 12
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,544; June 12.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,866; July 10
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,867; July 10.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,868; July 10.
Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Decorative wall material unit or the like. 141,869; July 10.
Busby, Clyde W., Dixmont, Pa. Combined hoe and weeder head. 141,945; Aug. 7.
Butler, Arthur N., Oakland, assignor to Speedmaster Limited, Alameda County, Calif. Wheel balancing device. 141,990; Aug. 7.
Butler Brothers: *See*—
Bauer, Louise E., assignor.
Butler, Clifford E., Waterloo, Iowa. Cream separator supply tank. 143,128; Dec. 11.
Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 141,938; July 31.
Butler Manufacturing Company: *See*—
Norquist, V. C., and Larkin, assignors.
Butler, Margot, New York, N. Y. Hood. 140,461; Feb. 27.
Butler, Robert E., La Crosse, Wis. Burial vault. 142,060; Aug. 14.
Buxbaum, Albert O., Los Angeles, Calif. Combined food tray and cup. 142,831; Nov. 13.
Cafarelli, Warren R., Davis, Calif. Wheeled toy. 141,031; May 1.
Cain, Ervin J., Milwaukee, Wis. Combined bottle holder and warmer. 142,947; Nov. 20.
Calabrese, Gio, Brooklyn, N. Y. Combination desk unit. 142,700; Oct. 30.
Caldwell, Lafayette H., Lookout Mountain, Tenn. Circulating heater. 142,061; Aug. 14.
Calem, Bernard, New York, N. Y. Handbag. 140,498; Mar. 6.
Calem, Bernard, New York, N. Y. Handbag. 141,466; June 5.
Calem, Bernard, New York, N. Y. Handbag. 142,832; Nov. 13.
California Aero Glider Co., Inc.: *See*—
Jensen, Volmer S., assignor.
California Fabric Company: *See*—
Schwartz, Harry H.
Calton, Robert G., assignor to Tennessee Enamel Manufacturing Company, Nashville, Tenn. Combination wood and coal heater. 142,833; Nov. 13.
Cameron, Margaret M., New York, N. Y. Child's bib. 143,268; Dec. 25.
Campbell, James T., Detroit, Mich. Plate whirler. 143,129; Dec. 11.
Campbell, Virginia K., Evanston, Ill. Display device. 142,018; Aug. 14.
Campbell, Willard S., Chicago, Ill. Conveyer frame. 141,975; Aug. 7.
Campbell, Willard S., Chicago, Ill. Combination pipe coupling and clamping device. 142,834; Nov. 13.
Campbell, William J., assignor to Climax Machinery Company, Indianapolis, Ind. Fan casing. 142,252; Aug. 21.
Campbell, William J., Indianapolis, Ind., assignor to Specialty Equipment Corporation. Lighter. 142,701; Oct. 30.
Campbell, William P., Los Angeles, Calif. Picture frame. 142,019; Aug. 14.
Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Combination magnetic recorder and reproducer or similar article. 143,182; Dec. 18.
Camras, Marvin, assignor to Armour Research Foundation, Chicago, Ill. Magnetic recorder or similar article. 143,183; Dec. 18.
Canal National Bank of Portland, The: *See*—
Parsons, W. E., and Randall, assignors.
Shepard, Ernest L., assignor.
Canepa, John B., Redwood City, Calif. Ash tray. 143,269; Dec. 25.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,076; Jan. 23.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,077; Jan. 23.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,078; Jan. 23.
Caplan, Frank, and R. Bufano, New York, N. Y. Toy. 140,079; Jan. 23.
Capparelli, Anthony: *See*—
Tinello, Paul N., assignor.
Cardona, Carlos J., North Hollywood, Calif. Tripod head. 140,744; Apr. 3.
Carlson, Cecil G., Hibbing, Minn. Rocking horse. 141,202; May 15.
Carlson, Emil B., and C. G. Morgan, Chicago, Ill. Desk. 141,359; May 29.
Carlyle, George: *See*—
Dryden, E., and Carlyle.
Caron Corporation: *See*—
Lieberfield, Albert, assignor.
Carpenter, Drusilla G., Dallas, Tex. Scarf. 141,659; June 19.
Carpenter, E. W., Manufacturing Company, The: *See*—
Loucony, Adolphe W., assignor.
Carpenter, Tracy L., Lindenhurst, N. Y. Charm or similar article. 140,648; Mar. 27.
Carson, Gretyl E., New York, N. Y. Cigarette holder. 140,839; Apr. 10.
Carson, Gretyl E., New York, N. Y. Earring clasp. 142,373; Sept. 25.
Carter, Sidney T., assignor to Economic Machinery Company, Worcester, Mass. Labeling machine or similar article. 140,596; Mar. 20.
Cartier, Inc.: *See*—
Graeter, Harold, assignor.
Carver, Alice K., Pelham, assignor to Richard G. Krueger Inc., New York, N. Y. Child's toy. 141,102; May 8.
Carver, Alice K., Pelham, assignor to Richard G. Krueger Inc., New York, N. Y. Child's toy. 141,103; May 8.
Casalino, Joseph, Forest Hills, assignor to Dieplast Corporation, New York, N. Y. Hand mirror frame. 140,389; Feb. 20.
Casalino, Joseph, Forest Hills Gardens, assignor to Dieplast Corporation, New York, N. Y. Hand mirror frame. 140,902; Apr. 17.
Casalino, Joseph, Forest Hills Gardens, assignor to Nuvoplas Corporation, New York, N. Y. Compact. 143,058; Dec. 4.
Case, Percival H., and S. Johanson, assignors to Universal Camera Corporation, New York, N. Y. Binoculars. 140,375; Feb. 20.
Case, W. A., and Son Manufacturing Company: *See*—
Young, Willard G., assignor.
Cash, Cecil C., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Rocking horse. 142,210; Aug. 21.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,847; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,848; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,849; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,850; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,851; Apr. 10.
Casso, Bessie, assignor to Matilda Silver, doing business as Sufix Manufacturing Co., Boston, Mass. Leather or the like. 140,852; Apr. 10.
Castro, Rudolph, Los Angeles, Calif. Lamp shade. 142,062; Aug. 14.
Castro, Rudolph, Los Angeles, Calif. Lamp shade. 142,063; Aug. 14.
Cauter, Eleanor Z.: *See*—
Smith, B. B., and Cauter.
Cavanagh, Gerald F., Shaker Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. Electroplating device. 141,254; May 15.
Caves, Thomas J., Dearborn, Mich. Grass shears. 140,809; Apr. 10.
Chalmers, Frank, York, Pa. Combined air conditioning unit and display cabinet. 140,272; Feb. 6.
Chamberlain, William R., Mount Vernon, N. Y. Combination heating and cooking stove. 141,360; May 29.
Champness, Charlene, Toronto, Ontario, Canada. Figurine or similar article. 142,003; Aug. 7.

Chaplain, Urleene, Los Angeles, Calif. Shoe. 141,896; July 31.
Chapman, Dave, assignor to Club Aluminum Products Co., Chicago, Ill. Coffee maker. 140,157; Jan. 30.
Chapman, Dave, assignor to National Die Casting Company, Chicago, Ill. Juice extractor. 140,239; Feb. 6.
Chapman, Dave, assignor to Hanson Scale Company, Chicago, Ill. Bathroom scale. 142,064; Aug. 14.
Chapman, David, Chicago, Ill., assignor to Ray-O-Vac Company, Madison, Wis. Flashlight. 140,335; Feb. 13.
Chapman, David, Chicago, Ill., assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Vacuum cleaner tank or the like. 142,987; Nov. 27.
Chapman, David, Chicago, Ill., assignor to The Apex Electrical Manufacturing Co., Cleveland, Ohio. Washing machine. 143,270; Dec. 25.
Chapman, Harvey G., Jr., Glendale, Calif., assignor to Adel Precision Products Corp. Housing for a solenoid operated valve. 142,771; Nov. 6.
Chapman, Wilson K., Washington, D. C. Pencil. 141,630; June 19.
Chapman, Wilson K., Washington, D. C. Pencil. 141,631; June 19.
Chasse, Charles J.: *See*—
Botsford, A. C., and Chasse.
Cheney, Allan, Princeton, assignor to Cheney Metal Products Company, Trenton, N. J. Clothes pole head. 142,136; Aug. 14.
Cheney Metal Products Company: *See*—
Cheney, Allan, assignor.
Chesebrough Manufacturing Company, Consolidated: *See*—
Furman, Murray F., assignor.
Chess, Mary, Inc.: *See*—
Yandell, Anne, assignor.
Chic Pottery Company: *See*—
Garee, Hugh McM., assignor.
Chicago Die Casting Manufacturing Company: *See*—
Koch, William P., assignor.
Chicago Electric Manufacturing Company: *See*—
Maxson, William E., Jr., assignor.
Chicone, Peter V., and P. Ciccone, St. Paul, Minn. Toy. 142,149; Aug. 14.
Chiksan Tool Company: *See*—
Phillips, Dwight M., assignor.
Christian, Fred W., Jr.: *See*—
Rabbes, Henry H., assignor.
Christian, Wanda: *See*—
Rabbes, Henry H., assignor.
Christison, Grace P., New York, N. Y. Shoe. 141,953; Aug. 7.
Christner, Howard F., F. A. Lobley, and C. F. Miles, assignors to Ames Company, Inc., Elkhart, Ind. Container for holding medical ingredients and implements. 140,925; Apr. 17.
Christopher, Clinton J., Minneapolis, Minn. Display counter. 140,249; Feb. 6.
Christopher, Clinton J., Minneapolis, Minn. Display stand. 141,108; May 8.
Chuka, Alma: *See*—
Poggi, A., Jordan, and Chuka.
Ciccone, Patrick: *See*—
Chicone, P. V., and Ciccone.
Cincinnati Milling Machine Co., The: *See*—
Archea, W. D., and Doane, assignors.
Cirese, Charles C.: *See*—
Bailey, Harry J., assignor.
Clark, James L., Chicago, Ill. Shuttlecock or similar article. 142,614; Oct. 23.
Clark, Robert H.: *See*—
Smith, Lawson A., assignor.
Tilton, Danley, assignor.
Clark, Robert H., Los Angeles, Calif. Box. 140,559; Mar. 13.
Clary, Hugh L.: *See*—
Leichter, N. S., and Clary.
Clary Multiplier Corporation: *See*—
Leichter, Newton S., assignor.
Leichter, N. S., and Clary, assignors.
Clayton, Andrew B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine or similar article. 140,208; Jan. 30.
Clayton, Ross M., Asbury Park, N. J., assignor to Air-Col Corporation. Air deflector. 142,835; Nov. 13.
Clearite Products, Inc.: *See*—
Toklas, Monroe B., assignor.
Clem, Adrian D., Sioux City, Iowa. Game board or the like. 142,948; Nov. 20.
Cleve, Frank, Jr., Kansas City, Mo. Shoe heel. 141,585; June 12.
Clevenger, Glen M., Linthicum Heights, assignor to Maryland Glass Corporation, Baltimore, Md. Bottle. 142,615; Oct. 23.
Clevenger, Glen M., Linthicum Heights, assignor to Maryland Glass Corporation, Baltimore, Md. Bottle. 142,616; Oct. 23.
Climax Machinery Company: *See*—
Campbell, William J., assignor.
Cline, George D., Jr., Detroit, Mich., assignor to Heller Brothers Company, Newark, N. J. Hammer. 142,772; Nov. 6.
Clover Manufacturing Co.: *See*—
Gallaher, Edward B., assignor.
Club Aluminum Products Co.: *See*—
Chapman, Dave, assignor.
Coates, Jacob L., Greensburg, Kans. Display rack or similar article. 141,750; July 3.
Cobelli, Edwin G., and D. N. McDougal, Miami, Fla. Salt shaker or similar article. 142,374; Sept. 25.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,089; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,090; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,091; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,104; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,105; May 8.
Coble, Earl W., Waterville, assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Hand toy. 143,059; Dec. 4.
Cochran, Clarence W.: *See*—
Baratelli, C. A., Cochran, and Maurer.
Cochran, Jacqueline: *See*—
Rand, Paul, assignor.
Codish, George, New York, N. Y. Outsole or similar article. 140,649; Mar. 27.
Codish, George, New York, N. Y., assignor to Craft Sole Sales Company, Paterson, N. J. Shoe or the like. 140,650; Mar. 27.
Codish, George, New York, N. Y., assignor to Craft Sole Sales Company, Paterson, N. J. Woman's shoe or the like. 140,651; Mar. 27.
Codish, George, New York, N. Y., assignor to Craft Sole Sales Company, Paterson, N. J. Woman's shoe or the like. 142,836; Nov. 13.
Coffed, Earl J., Depew, N. Y. Tie rack. 141,571; June 12.
Coffed, Earl J., Depew, N. Y. Towel rack or the like. 141,976; Aug. 7.
Coghlan, Eileen, Hollywood, Calif. Doll's head. 140,080; Jan. 23.
Cohen, Anne, Detroit, Mich. Toothbrush. 140,438; Feb. 27.
Cohen, Fannie, Tulsa, Okla. Hospital garment. 142,702; Oct. 30.
Cohen, Harold, Elizabeth, N. J. Tower. 141,106; May 8.
Cohen, Jos. S., & Sons Co., Inc.: *See*—
Cohen, Louis, assignor.
Cohen, Louis, assignor to Jos. S. Cohen & Sons Co., Inc., New York, N. Y. Dress. 140,793; Apr. 10.
Cohen, Meyer, Flushing, assignor to Agency Paper Company, New York, N. Y. Mailing envelope. 141,586; June 12.
Cohen, Myer, Beverly, Mass. Doll stroller. 141,946; Aug. 7.
Cohen, Sidney, New York, N. Y. Suit. 143,184; Dec. 18.
Cohen, Sidney, New York, N. Y. Suit. 143,185; Dec. 18.
Cohen, Sidney, New York, N. Y. Suit. 143,186; Dec. 18.
Cohn, Gustave, Hartsdale, N. Y. House slipper. 140,638; Mar. 20.
Cole, Edwin G., and H. H. Schumacher, Chicago, Ill. Display stand. 139,876; Jan. 2.
Cole, Helen D., New York, N. Y., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,133; Dec. 11.
Cole, Helen D., New York, N. Y., assignor to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,136; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,130; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,131; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,132; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,134; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,135; Dec. 11.
Cole, Helen D., New York, N. Y., and W. Diehl, Summit, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,137; Dec. 11.
Cole, Helen D., New York, and G. A. Santullo, Corona, Long Island, N. Y., assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,138; Dec. 11.
Cole, Helen D., New York, N. Y., and K. Speck, Palisade Park, assignors to Jacques Kreisler Manufacturing Corporation, North Bergen, N. J. Pin or similar article. 143,139; Dec. 11.

Cole of California Inc.: *See*—
Laszlo, Margit F., assignor.
Cole, William: *See*—
Lambert, H. L., and Cole.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,187; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,188; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,189; Dec. 18.
Colef, Sara, assignor to Benton Glass Company, Benton Harbor, Mich. Picture frame. 143,190; Dec. 18.
Coleman, Eugene, North Hollywood, Calif. Box. 142,179; Aug. 14.
Coleman, Eugene, North Hollywood, Calif. Box. 142,180; Aug. 14.
Coleman, Eugene, North Hollywood, Calif. Box. 142,181; Aug. 14.
Coleman, John D., Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Grate for a gas burner. 142,617; Oct. 23.
Coleman, John D., Detroit, Mich., assignor to The Aviation Corporation, New York, N. Y. Range. 142,837; Nov. 13.
Coleman Lamp and Stove Company: *See*—
Smith, Samuel L., assignor.
Coller, John H., South Bend, Ind. Storage cabinet for toys. 140,652; Mar. 27.
Collins, Alma K., and L. R. Hamilton, Los Angeles, Calif. Maternity garter support. 142,838; Nov. 13.
Collins, Edward J., West Los Angeles, Calif., assignor to R. T. Moloney, Chicago, Ill. Valve. 142,703; Oct. 30.
Collins, Norbert A.: *See*—
Wells, E. C., Euler, and Collins.
Collins, Richard E., assignor of one-half to C. E. Stenicka, Jr., Omaha, Nebr. Game board. 141,734; July 3.
Collura, Francesco, New York, N. Y. Cuff link. 140,726; Apr. 3.
Collura, Francesco, New York, N. Y., assignor to Millers Falls Company, Greenfield, Mass. Saw. 140,810; Apr. 10.
Collura, Francesco, New York, N. Y., assignor to Millers Falls Company, Greenfield, Mass. Hand drill. 140,811; Apr. 10.
Collura, Francesco, New York, N. Y., assignor to The Eagle Lock Company, Terryville, Conn. Padlock. 143,271; Dec. 25.
Colonial Mfg. Co., Inc.: *See*—
Gantwarg, Charles, assignor.
Colonial Neon Company, Inc.: *See*—
Sabatini, John C., assignor.
Colson Corporation, The: *See*—
Roe, William C., assignor.
Colp, Blanche, assignor to Broslan Jewelry Company, Inc., New York, N. Y. Pin or similar article. 142,704; Oct. 30.
Columbia Precision Products Corp.: *See*—
Nelson, Leonard, assignor.
Columbia Protektosite Co., Inc.: *See*—
Albanese, M., and Paul, assignors.
Brunetti, Joseph, assignor.
Bugel, Daniel N., assignor.
Desimone, Anthony J., assignor.
Harvey, Wilfred, assignor.
Penndorf, Richard H., assignor.
Combs, Charles S., Irondequoit, assignor of one-half to D. R. Browne, Rochester, N. Y. Cigarette rolling machine. 141,751; July 3.
Concepcion, Alberto A., Detroit, Mich. Game board. 141,507; June 5.
Condon, Martin J.: *See*—
Filer, Adelbert F., assignor.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Combination fuse lock and puller. 140,860; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse securing clip. 140,861; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse securing clip. 140,862; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Switch and fuse lock. 140,863; Apr. 10.
Conlan, David, assignor to Conlan Electric Corporation, New York, N. Y. Fuse and switch lock. 140,864; Apr. 10.
Conlan Electric Corporation: *See*—
Conlan, David, assignor.
Connell, William S., Norwood Park Township, Cook County, assignor to The Bastian-Blessing Company, Chicago, Ill. Refrigerator panel. 143,060; Dec. 4.
Connell, William S., Norwood Park Township, Cook County, assignor to The Bastian-Blessing Company, Chicago, Ill. Frozen food cabinet. 143,140; Dec. 11.
Consolidated Sewing Machine & Supply Co., Inc: *See*—
Ingwer, Max, assignor.
Consolidated Slipper Corp.: *See*—
Earl, Paul D., assignor.
Macht, Jack, assignor.
Consolidated Vultee Aircraft Corporation: *See*—
Fontaine, A. P., and Irvine, assignors.
Hall, Theodore P., assignor.
Learman, Frank A., assignor.
Sutton, Harry A., assignor.
Consolite Corporation: *See*—
Feist, Harry J., assignor.
Continental Can Company, Inc.: *See*—
Coyle, J., and Punte, assignors.
Continental Motors Corporation: *See*—
Altman, Peter, assignor.
Tandler, W. S., and de Weiss, assignors.
Control Instrument Company, Inc.: *See*—
Muldoon, William J., assignor.
Conveyors Incorporated: *See*—
Foster, Waldo E., assignor.
Coogan, Mal, New York, N. Y. Wrist watch band or similar article. 140,473; Feb. 27.
Coogler, Frank, Washington, D. C., and J. C. Coogler, Houston, Tex. Clothes clip. 141,735; July 3.
Coogler, John C.: *See*—
Coogler, Frank and J. C.
Cooke, Ernest S., Chillicothe, Kans. Tractor. 142,365; Sept. 11.
Cooper, Allyn R., assignor to Cooper Manufacturing Company, Marshalltown, Iowa. Lawn mower or the like. 141,203; May 15.
Cooper, Dexter P., Jr., Hyde Park, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,204; May 15.
Cooper, Dexter P., Jr., Hyde Park, N. Y., assignor to Polaroid Corporation, Cambridge, Mass. Eyeshield or similar article. 141,205; May 15.
Cooper Manufacturing Company: *See*—
Cooper, Allyn R., assignor.
Corbett, Joseph R., Cincinnati, Ohio, assignor to Nu Tone, Incorporated, New York, N. Y. Chime actuator. 140,439; Feb. 27.
Corning Glass Works: *See*—
Ward, John B., assignor.
Cornish, Irving R., Elmhurst, assignor of one-third to J. W. Paxton, and one-third to G. N. Paxton, deceased; A. L. Paxton and The National Bank of Bloomington, Bloomington, Ill., executors. Desk. 142,470; Oct. 2.
Coro, Inc.: *See*—
Katz, Adolph, assignor.
Verrecchio, Gene, assignor.
Corre, Miriam, Chicago, Ill. Carrier for hearing-aid or battery. 140,653; Mar. 27.
Cosme, Peter A., assignor to Sears, Roebuck and Co., Chicago, Ill. Lawn swing. 141,676; June 26.
Coss, George R., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner hose coupling or similar article. 141,801; July 3.
Cotton, Lucy, Miami, Fla. Writing pad holder. 140,136; Jan. 23.
Cotton, Lucy, Miami, Fla. Bottle opener. 140,622; Mar. 20.
Cotton, Lucy, Miami, Fla. Razor. 140,654; Mar. 27.
Cotton, Lucy, Miami, Fla. Seal stamp. 141,521; June 12.
Cotton, Lucy, Miami, Fla. Roller blotter. 141,954; Aug. 7.
Coty, Inc.: *See*—
Brodeur, Jules, assignor.
Couse Laboratories: *See*—
Sutphen, Robert M., assignor.
Coveleski, Frank, Newark, N. J. Picture frame. 142,988; Nov. 27.
Covey, Lois L., Torrington, Conn. Toy train. 141,808; July 10.
Cowan, Clifton J.: *See*—
Beveridge, J. M., and Cowan.
Coyle, John, and W. F. Punte, Baltimore, Md., assignors to Continental Can Company, Inc., New York, N. Y. Can top. 141,991; Aug. 7.
Cox, John T., Santa Monica, Calif. Toy ship. 141,632; June 19.
Craft Sole Sales Company: *See*—
Codish, George, assignor.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 142,471; Oct. 2.
Cramer, Jessie A., Muncie, Ind. Toy dog. 141,752; July 3.
Crandall, Julian T., Ashaway, R. I., assignor to Ashaway Line & Twine Mfg. Co. Combined shipping and display box for a spool of fishing line or the like. 140,903; Apr. 17.
Crane, Co: *See*—
Dreyfuss, Henry, assignor.
Magos, John P., assignor.
Uphues, Frank P., assignor.
Zinkil, R. H., and Dreyfuss, assignors.
Crane, Walton B., assignor to Allied Plastics Company, Los Angeles, Calif. Compact. 140,440; Feb. 27.
Creed, George J., Milton, Mass. Fluorescent lighting fixture. 140,299; Feb. 6.
Creed, George J., Milton, assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 143,061; Dec. 4.
Creedon, Neil J., Glen Falls, N. Y. Camera support. 140.011; Jan. 16.

Cressaty, George M., New York, N. Y. Lens or similar article. 140,840; Apr. 10.
Cressaty, George M., New York, N. Y. Reading lens or the like. 141,874; July 31.
Cressaty, George M., New York, N. Y. Lens or similar article. 142,375; Sept. 25.
Cretors, Charles J., Highland Park, Ill. Casing for a corn popping apparatus. 141,107; May 8.
Crocker, Ernest O., Washington, D. C. Vertical shaft for andirons. 142,295; Aug. 28.
Crocker, Ernest O., Washington, D. C. Vertical shaft for andirons. 142,296; Aug. 28.
Cronk, Alfred J., Chicago, Ill. Combination child's cart and rocker. 142,512; Oct. 9.
Cross, Thomas, Saginaw, Mich. Golf club carrier. 142,513; Oct. 9.
Cueva, Armand L.: *See*—
Tacón, L., and Cueva.
Cumming, George T., Kansas City, Mo. Portable vise. 142,546; Oct. 16.
Curry, Arthur V., San Francisco, Calif. Tray. 142,989; Nov. 27.
Curtis, Stanley, assignor to Holland Furnace Company, Holland, Mich. Register grille or the like. 140,499; Mar. 6.
Curtiss-Wright Corporation: *See*—
Forster, Walter J., assignor.
Cutler, Elizabeth, New York, N. Y. Dress. 143,062; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,063; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,064; Dec. 4.
Cutler, Elizabeth, New York, N. Y. Dress. 143,065; Dec. 4.
Cutrow, Leonard A., Los Angeles, Calif. Lighter for cigarettes or the like. 142,840; Nov. 13.
Cusanelli, Martin, Astoria, Long Island, N. Y. Combination salt and pepper shaker. 140,462; Feb. 27.
Cutler, Elizabeth, New York, N. Y. Dress. 142,839; Nov. 13.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,272; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,273; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,274; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,275; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,276; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,277; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,278; Dec. 25.
Dabrohua, Castro M., Winnetka, Ill. Toy building block. 143,279; Dec. 25.
Dahlquist, Seth E., Cadillac, Mich. Toy gun. 142,618; Oct. 23.
D'Algodt, Otto, Basking Ridge, N. J. Shower head attachment for bath salts. 142,841; Nov. 13.
Dalkin, A., Co.: *See*—
Yuza, R., and Srodulski, assignors.
D'Amato, James, Brooklyn, N. Y. Bottle. 140,841; Apr. 10.
Daniels, Elmer H., West Los Angeles, Calif., assignor to Jasper Desk Company, Jasper, Ind. Desk. 141,284; May 22.
Danielson, Gideon R., Geneva, Ill. Sewing kit. 141,572; June 12.
Dannell, Arthur G., Flushing, assignor to The Peace Light Co., New York, N. Y. Miniature icon projector shrine. 140,991; Apr. 24.
Dann, Charles W., Orange, and L. Z. La Forest, Parsippany-Troy Hills Township, Norris County, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Disk dictating machine. 141,776; July 3.
Dannenberg, Milton A., Chicago, Ill. Cap. 141,255; May 15.
Dannenberg, Milton A., Chicago, Ill. Cap. 141,256; May 15.
Dannenberg, Milton A., Chicago, Ill. Cap. 142,162; Aug. 14.
Danziger, Max, New York, N. Y. Cigarette case or similar article. 140,926; Apr. 17.
Darnell, Victor L., Centerville, assignor to The Master Electric Company, Dayton, Ohio. Switch housing. 143,280; Dec. 25.
Daum, Charles, New York, N. Y. Wall shelf. 141,824; July 10.
Davidson, David, Los Angeles, Calif. Ball-cage toy. 141,522; June 12.
Davidson, David, Los Angeles, Calif. Floating toy. 141,677; June 26.
Davidson, David, Los Angeles, Calif. Ring-loop toy. 142,020; Aug. 14.
Davidson, David, Los Angeles, Calif. Ring-boat toy. 142,021; Aug. 14.
Davidson, Donald E., assignor to Detroit Brass Foundry, Los Angeles, Calif. Valve body for swing spout faucet. 140,318; Feb. 13.
Davidson, William A.: *See*—
Matthews, J. R., and Davidson.
Davis, Emma A., Seattle, Wash. Butter measuring gauge. 140,049; Jan. 16.
Davis, Harry, Bronx, N. Y. Charm or similar article. 141,897; July 31.
Davis, Russell E., assignor to Hussman-Ligonier Company, St. Louis, Mo. Refrigerated display case. 142,773; Nov. 6.
Dawer, Sigmund, New York, N. Y. Cigarette case or similar article. 142,705; Oct. 30.
Dawson, Byron H., Los Angeles, and W. L. Adams, Bell, Calif. Card table top. 141,825; July 10.
Day-Brite Lighting, Inc.: *See*—
Biller, David J., assignor.
Meyer, Carl X., assignor.
Daze, Richard E., Mount Vernon, N. Y. Cigarette holder. 142,842; Nov. 13.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Combined telephone desk stand and hand set. 140,904; Apr. 17.
Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone desk stand. 142,843; Nov. 13.
De Alteriis, Hugo, New York, N. Y. Brooch pin or similar article. 140,526; Mar. 6.
DeAmbrogio, Henry, San Francisco, Calif. Tie clasp. 141,678; June 26.
De Belling, Paul A., assignor of one-half to F. A. Bertram, Los Angeles, Calif. Combination refreshment counter and seat. 140,992; Apr. 24.
Debenport, Bob, Fort Worth, Tex. Fan propeller. 141,573; June 12.
Decca Records, Inc.: *See*—
Schneider, Leonard W., assignor.
Dee, Herbert C., Kenilworth, Ill. Corner element for hardboard box. 140,286; Feb. 6.
Deere & Company: *See*—
Brown, T., and Dreyfuss, assignors.
Dreyfuss, H., and Brown, assignors.
Deerwester, Jacob A., Minneapolis, Minn. Combination clothes basket and bathinette. 141,361; May 29.
De Flon, James G., Los Angeles, and George W. Meyer, North Hollywood, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Water-cooling tower. 142,342; Aug. 28.
De Forest, Lee, Laboratories: *See*—
Rabbes, Henry H., assignor.
De Forest, Marie M.: *See*—
Rabbes, Henry H., assignor.
Deleit Enterprises, Inc.: *See*—
de Waltoff, Samuel A., assignor.
Delano, George W., Detroit, Mich. Toy rattler. 141,809; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,810; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,811; July 10.
Delano, George W., Detroit, Mich. Toy rattler. 141,812; July 10.
De Lisle, Harold L.: *See*—
Kritske, Victor J., assignor.
De Lisle, Harold L., a trust: *See*—
O'Donnell, Todd.
Delphos Bending Company, The: *See*—
Peltier, Leslie C., assignor.
Delta Manufacturing Company, The: *See*—
Stevens, Clifford B., assignor.
De Marco, Louis, assignor to Kaufman & Ruderman, Inc., New York, N. Y. Brooch or the like. 140,012; Jan. 16.
De Marco, Louis, assignor to Kaufman & Ruderman, Inc., New York, N. Y. Brooch or the like. 140,013; Jan. 16.
Deming, Roy E., assignor to Kalamazoo Stove and Furnace Company, Kalamazoo, Mich. Hot-air furnace. 141,826; July 10.
Denison Engineering Company, The: *See*—
Denison, William C., Jr., assignor.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Hydraulic press. 142,022; Aug. 14.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Bench press. 142,023; Aug. 14.
Denison, William C., Jr., Powell, assignor to The Denison Engineering Company, Columbus, Ohio. Press with indexing table. 142,024; Aug. 14.
Denniston, Mollie J., Hills and Dales, near Canton, assignor to C. C. Steiner, Canton, Ohio. Stuffed toy calf. 141,246; May 15.
Denniston, Mollie J., Hills and Dales, near Canton, assignor to C. C. Steiner, Canton, Ohio. Stuffed toy dog. 141,247; May 15.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,281; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,282; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,283; Dec. 25.
De Pirro, Chris A., Chicago, Ill. Baby carrier. 143,284; Dec. 25.
Derderian, Dolly, San Francisco, Calif. Doll. 141,679; June 26.

Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Compact. 140,189; Jan. 30.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 141,003; Apr. 24.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 141,861; July 10.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,376; Sept. 25.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,547; Oct. 16.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,619; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,620; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,621; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,622; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, New York, N. Y. Container cap. 142,623; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,624; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,625; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,626; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,627; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,628; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,629; Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, New York, N. Y. Bottle. 142,630: Oct. 23.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,844; Nov. 13.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,990; Nov. 27.
Derham, Philip A., Rosemont, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 142,991; Nov. 27.
Dernehl, Herbert U., Milwaukee, Wis. Bottle carrier. 142,272; Aug. 21.
Dernehl, Herbert U., Milwaukee, Wis. Toy telegraph key. 142,514; Oct. 9.
Deschneau, Robert A., Kenosha, Wis. Game board. 141,092; May 8.
Designers for Industry, Inc.: *See*— Mankki, Onnie, assignor.
Desimone, Anthony J., Lyndhurst, assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Cereal jar. 140,655; Mar. 27.
Detroit Brass Foundry: *See*— Davidson, Donald E., assignor.
Deutsch, Max, Long Branch, N. J. Self illuminated and illuminating transparent rotary display table. 140,390; Feb. 20.
Deutch, Sidney, et al: *See*— Schwartz, Harry H., assignor.
Deutz, Herbert J., New York, N. Y. Handbag. 140,551; Mar. 13.
Deutz, Herbert J., New York, N. Y. Handbag. 141,004; Apr. 24.
Deutz, Marie M., New York, N. Y. Handbag. 142,706; Oct. 30.
Deutz, Marie M., New York, N. Y. Handbag. 143,191; Dec. 18.
Devlin, Leo J.: *See*— Heinemann, E. H., and Devlin.
De Vorn, Arthur C., Cleveland Heights, Ohio. Rocking horse. 143,285; Dec. 25.
De Vry Corporation: *See*— De Vry, William C., assignor.
De Vry, William C., assignor to De Vry Corporation, Chicago, Ill. Portable motion picture machine and carrying case therefor. 141,955; Aug. 7.
De Wald Radio Mfg. Corp: *See*— Mehrer, Theodore, assignor.
De Waltoff, Samuel A., assignor to Deleit Enterprises, Inc., Los Angeles, Calif. Combined needle threader and needle card holding device. 143,286; Dec. 25.
De Weiss, Ferdinand A.: *See*— Tandler, W. S., and de Weiss.
De Woskin, Irvin S., University City, assignor to Beltx Corporation, St. Louis, Mo. Grip for sanitary belt. 142,163; Aug. 14.
Diagraph-Bradley Stencil Machine Corporation: *See*— Magann, Merritt W., assignor.
Diamond Match Company, The: *See*— Stensgaard, William L., assignor.
Dice, Harold E., Canton, Ohio. Display plate for automobiles. 142,774; Nov. 6.
Di Chiara, Anthony, Newark, N. J. Frame for spectacles. 142,332; Aug. 28.
Dickson, Albert, Pontiac, Mich. Toy amphibian truck or similar article. 139,995; Jan. 9.
Diehl, William: *See*— Cole, H. D., and Diehl.
Dieplast Corporation: *See*— Casalino, Joseph, assignor.
Dieter, Walter G., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Clothes hamper or similar article. 140,273; Feb. 6.
Dietz, George, Jr.: *See*— Salmon, M. S., and Dietz, Jr.
Di Rebaylio, Leo, Culver City, Calif. Memorandum note pad unit. 142,775; Nov. 6.
Di Stadio, Dominic, assignor of one-half to J. D. El Koury, New York, N. Y. Rheostat. 141,827; July 10.
Ditchik, Louis, New York, N. Y. Savings bank. 141,813; July 10.
Ditto, Hugh M., Newton, assignor to Marine Optical Mfg. Co., Boston, Mass. Spectacle frame or the like. 140,500; Mar. 6.
Dixon, Steve: *See*— Haddock, J. L., and Dixon.
Doane, Norman H.: *See*— Archea, W. D., and Doane.
Dobkin, Israel, Pittsburgh, Pa. Combined door check and deodorant diffuser. 142,949; Nov. 20.
Dobrin, Sol, New York, N. Y. Holster. 140,812; Apr. 10.
Dobrin, Sol, New York, N. Y. Holster. 140,813; Apr. 10.
Doig, John C., et al.: *See*— Rubin, Irving G., assignor.
Doniger, Sundel, New York, N. Y. Knife. 141,109; May 8.
Doniger, Sundel, New York, N. Y. Craftsman's plane. 141,110; May 8.
Doniger, Sundel, New York, N. Y. Sandpapering hand block. 141,159; May 8.
Donohoe, George, Pittsburgh, Pa. Leather shears. 140,441; Feb. 27.
Douglas Aircraft Company, Inc.: *See*— Heinemann, E. H., and Devlin, assignors.
Douglas, H. A., Mfg. Co.: *See*— Baumgardner, Earl J., assignor.
Douglas, Peyton W., Brighton, N. Y. Baby bath. 142,253; Aug. 21.
Doty, Boyd A., assignor to Hard Manufacturing Company, Buffalo, N. Y. Drop leaf bed table unit or analogous article. 141,593; June 12.
Downey, William H. J., Wilmington, Del. Combined pipe rack and match holder. 142,776; Nov. 6.
Downs, Jesse S., assignor to W-K-M Company, Inc., Houston, Tex. Valve. 141,603; June 19.
Dozier, William H., Jr.: *See*— Weller, A. K., and Dozier.
Drell, William, New York, N. Y. Button or similar article. 140,158; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,159; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,160; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,161; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,162; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,163; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,164; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,165; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,166; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,167; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,168; Jan. 30.
Drell, William, New York, N. Y. Button or similar article. 140,169; Jan. 30
Drell, William, New York, N. Y. Button or similar article. 141,139; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,140; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,141; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,142; May 8.
Drell, William, New York, N. Y. Button or similar article. 141,143; May 8.
Drescher, Theodore O., Elmont, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy boat or similar article. 140,993; Apr. 24.

Drescher, Theodore O., Elmont, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy boat or similar article. 141,005; Apr. 24.
Drescher, Theodore O., Elmont, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Toy boat or similar article. 141,006; Apr. 24.
Dresdner, Carl, Rochester, N. Y. Razor blade holder. 142,845; Nov. 13.
Dresser Industries, Inc.: *See*—
Baxter, Ernest W., assignor.
Dreyfuss, Henry: *See*—
Brown, T., and Dreyfuss.
Zinkil, R. H., and Dreyfuss.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,917; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,918; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,919; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,920; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,921; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,923; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,924; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,925; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,926; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,927; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,928; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,929; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,930; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,931; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,932; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale. 139,933; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Wheel-load scale for vehicles. 139,934; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Wheel-load scale for vehicles. 139,935; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Over and under indicator for a weighing scale. 139,936; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Over and under indicator for a weighing scale. 139,937; Jan. 2.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Diesel engine. 141,719; June 26.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Diesel engine. 141,720; June 26.
Dreyfuss, Henry, New York, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Weighing scale 141,798; July 3.
Dreyfuss, Henry, New York, N. Y., and T. Brown, assignors to Deere & Company, Moline, Ill. Tractor housing. 142,254; Aug. 21.
Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Spray head or the like. 142,992; Nov. 27.
Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago, Ill. Faucet handle or the like. 143,287; Dec. 25.
Dreyfuss, Henry, New York, N. Y., assignor to Crane Co., Chicago Ill. Escutcheon for sink fittings. 143,288; Dec. 25.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Single spindle automatic metalworking machine. 142,333; Aug. 28.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Single spindle automatic metal working machine. 142,707; Oct. 30.
Drogin, Martin M., Philadelphia, Pa., assignor to Freshmaster Corporation, Newark, N. J. Display cabinet. 143,192; Dec. 18.
Drogin, Martin M., Philadelphia, Pa., assignor to Freshmaster Corporation, Newark, N. J. Display cabinet. 143,193; Dec. 18.
Druck, Maurice, Lido, Long Island, N. Y. Window curtain. 139,864; Jan. 2.
Dryden, Edward, Bakersfield, and G. Carlyle, Long Beach, Calif. Fish lure. 141,338; May 22.
Duba, Alexandra P., San Francisco, Calif. Guard for sewing machines. 142,065; Aug. 14.
Du Bois, Joseph E., assignor to V. I. Du Bois, R. C. Sterne, E. Silbert, F. E. Taylor, Buffalo, and L. T. Holzworth, Tonawanda, N. Y. Eye shield. 140,312; Feb. 13.
Du Bois, Joseph E., Snyder, N. Y. Wrist watch strap. 141,753; July 3.
Du Bois, Virginia I., et al.: *See*—
Du Bois, Joseph E., assignor.
Dudas, Vincent, Cleveland, Ohio, assignor to A. Varga. Safety razor. 142,950; Nov. 20.
Duhan, Ethel R., assignor to Holmes & Zucker, Inc., New York, N. Y. Textile fabric or similar article. 141,248; May 15.
Dumler, Sidney, New York, N. Y. Coat. 141,921; July 31.
Dumler, Sidney, New York, N. Y. Coat. 141,928; July 31.
Dumler, Sidney, New York, N. Y. Coat. 142,515; Oct. 9.
Dunn, Helen, Aurora, Ill., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Case for coin changing mechanism. 141,032; May 1.
Dunn, Ulysses S., Aurora, Ill. Resistance welder. 142,066; Aug. 14.
Dunn, Ulysses S., Aurora, Ill. Electric arc welder. 142,377; Sept. 25.
Dunnell, Warren W., Los Angeles, Calif. Carton for paper toilet seat covers. 140,560; Mar. 13.
Dupler, Raymond R., Toledo, Ohio. Combined globe and supporting standard. 142,297; Aug. 28.
Dupler, Raymond R., Toledo, Ohio. Combined globe and supporting standard. 142,298; Aug. 28.
Duranol Products, Inc.: *See*—
Salinger, Morris, assignor.
Durante, James, and E. H. Baker, assignors to Umbriago Corporation, New York, N. Y. Doll head. 141,111; May 8.
Durham Manufacturing Corporation: *See*—
Kirkpatrick, Francis McK., assignor.
Duskin, Morris L., Chicago, Ill. Luggage cover or similar article. 141,828; July 10.
Duzmal, Walter J., Chicago, Ill. Rosary medal. 142,067; Aug. 14.
E-Z Swim Mask Company: *See*—
Eddy, Donald F., assignor.
Eagle Automatic Sales Corp.: *See*—
Paley, Albert A., assignor.
Eagle Lock Company, The: *See*—
Collura, Francesco, assignor.
Eames, Frederick W., Medford, Mass. Vegetable cutter. 142,472; Oct. 2.
Earl, Paul D., New York, assignor to Consolidated Slipper Corp., Malone, N. Y. Slipper. 141,277; May 15.
Eastham, Melville, assignor to General Radio Company, Cambridge, Mass. Control knob or similar article. 142,777; Nov. 6.
Eastman Kodak Company: *See*—
Hutchison, Miller R., Jr., assignor.
Teague, Walter D., assignor.
Eaton, Harold W., Worcester, and B. Trook, Westboro, Mass. Pinochle board. 142,516; Oct. 9.
Eaton, William C., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. 142,316; Aug. 28.
Ebding, Irvin C., Cincinnati, Ohio. Child's swing seat. 142,708; Oct. 30.
Eby, Milwarde C. E., Montreal, Quebec, Canada. Doll. 142,709; Oct. 30.
Eckel, Oliver C., Cambridge, Mass. Clip for fastening insulating materials to walls and ceilings. 140,190; Jan. 30.
Ecker, Joe V., Chicago, Ill. Pin. 142,846; Nov. 13.
Eckles, Howard W.: *See*—
Lindberg, C. A., and Eckles.
Economic Machinery Company: *See*—
Carter, Sidney T., assignor.
Eddy, Donald F., assignor to E-Z Swim Mask Company, South Gate, Calif. Underwater mask. 140,814; Apr. 10.
Edelman, Leo, Chicago, Ill. Hydrometer or the like. 142,380; Sept. 25.
Edelman, Nathan, New York, N. Y. Dress. 141,061; May 1.
Edelmann, Leo, Chicago, Ill. Thermohydrometer or the like. 142,378; Sept. 25.
Edelmann, Leo, Chicago, Ill. Hydrometer jar or the like. 142,379; Sept. 25.
Edelson, Leon, Elkins Park, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,550; June 12.
Edelson, Leon, Elkins Park, assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 141,551; June 12.
Edgerle, Alfred L., Coffeyville, Kans. Novelty coin bank. 140,815; Apr. 10.
Edison, Thomas A., Incorporated: *See*—
Braun, Gustav F., assignor.
Dann, C. W., and La Forest, assignors.
La Forest, L. Z., and Somers, assignors.
Somers, Richard M., assignor.

Eggers, Alvin L., Denver, Colo. Smoker's pipe. 141,594; June 12.
Eggertson, Bjarni: *See*—
Freeman, J., and Eggertson.
Egg-Safety Carton Corporation: *See*—
Benoit, Leon, assignor.
Eisen, Meyer, North Bergen, N. J. Table or similar article. 141,857; July 10.
Eisenberg, Sam J., Winnetka, assignor to Excitement, Incorporated, Chicago, Ill. Bar of toilet soap. 140,927; Apr. 17.
Ekco Products Company: *See*—
Glass, Henry P., assignor.
Sekowski, George E., assignor.
Elconin, Victor, Glendale, assignor to Aero-Crafts Corporation, Los Angeles, Calif. High frequency heat generator cabinet or similar article. 141,257; May 15.
Elder, John W., Wilmette, Ill. Wrapping paper. 141,080; May 1.
Elder, John W., Wilmette, Ill. Wrapping paper. 141,081; May 1.
Electric Household Utilities Corporation: *See*—
Gerhardt, A. H., and Schulz, assignors.
Schultz, Arthur P., assignor.
Electric Service Manufacturing Co.: *See*—
Hallman, Eric B., assignor.
Electric Steel Foundry: *See*—
Johnson, Clarence K., assignor.
Electrical Development Company: *See*—
Armenta, Alfred A., assignor.
Elfmont, Henry E., Patchogue, N. Y. Combined yo-yo, top, and whistle. 142,317; Aug. 28.
Elkhart Brass Manufacturing Company: *See*—
Hansen, Edward H., assignor.
Elkins, Vance V., Cheyney, assignor to The Charles E. Hires Company, Philadelphia, Pa. Beverage dispenser. 141,362; May 29.
El Koury, John D.: *See*—
Di Stadio, Dominic, assignor.
Elliston, Henrietta, assignor to Ziff-Davis Publishing Company, Chicago, Ill. Doll. 140,376; Feb. 20.
Ellmore Silver Co., Inc., The: *See*—
Lipman, Isadore A., assignor.
Ellmore Silver Company, Inc., The: *See*—
Lipman, Isidore A., assignor.
Elsas, William D., Kew Gardens, P. Lowengardt, Forest Hills, and A. Scheftel, New York, N. Y. Closure cap for a two-compartment container. 143,289; Dec. 25.
Elson, Eugene M., Los Angeles, Calif. Infant's dressing and rubbing table. 143,290; Dec. 25.
Elston, Edward P., Bradmore, Wolverhampton, England. Garment hanger. 142,631; Oct. 23.
Emerson Electric Manufacturing Company, The: *See*—
Lindberg, C. A., and Eckles, assignors.
Emslie, Olive: *See*—
Schladermundt, P., and Emslie.
Enger-Kress Company: *See*—
Pence, William A., assignor.
Pence, W. A., and Spielmann, assignors.
Schoenbeck, Arnold O., assignor.
Engineering Manufacturing Company: *See*—
O'Donnell, Todd, assignor.
Engineering Sales Company: *See*—
Kritske, Victor J.
England, James W., Jr., Prescott, Ariz. Cribbage board. 141,206; May 15.
Erbe, Alfred J. F., Weston, W. Va. Pitcher. 140,656; Mar. 27.
Erbe, Alfred J. F., Weston, W. Va. Pitcher. 140,657; Mar. 27.
Erbe, Alfred J. F., Weston, W. Va. Tumbler. 140,658; Mar. 27.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Cigarette dispenser or the like. 141,020; Apr. 24.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Electric light fixture. 142,632; Oct. 23.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Electric light fixture. 142,633; Oct. 23.
Erger, Edward, assignor to R. S. Herman, Los Angeles, Calif. Electric light fixture. 142,634; Oct. 23.
Erznoznik, Frank, Pontiac, Mich. Game board. 141,754; July 3.
Esh, Barnett, New York, N. Y., assignor to Weisfield & Goldberg, Inc., Seattle, Wash. Finger ring. 142,164; Aug. 14.
Esmco Auto Products Corp.: *See*—
Greene, David, assignor.
Espey Manufacturing Company: *See*—
Terrell, Horace, assignor.
Estel, George A.: *See*—
Thompson, E. B., and Estel, assignors.
Etched Products Corporation: *See*—
Ignall, Theodore J., assignor.
Etkin, Simon, New York, N. Y. Jacket. 139,996; Jan. 9.
Etkin, Simon, New York, N. Y. Jacket. 142,364; Sept. 11.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,309; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,310; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,311; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,312; Aug. 28.
Ettman, Rodney, Woodmere, N. Y. Necktie or similar article. 142,313; Aug. 28.
Eubank, Judson C., New York, N. Y. Holder of candles, miniature flower pots or similar articles. 139,877; Jan. 2.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 140,319; Feb. 13.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 140,320; Feb. 13.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 140,321; Feb. 13.
Eubank, Judson C., New York, N. Y. Combination picture frame and flower-tube holder or similar article. 140,322; Feb. 13.
Eubank, Judson C., New York, N. Y. Combination cigarette container and dispenser. 140,561; Mar. 13.
Eubank, Judson C., New York, N. Y. Flower holder or similar article. 141,633; June 19.
Eubank, Judson C., New York, N. Y. Flower holder or similar article. 141,634; June 19.
Eubank, Judson C., New York, N. Y. Picture frame or similar article. 142,137; Aug. 14.
Euger-Kress Company: *See*—
Pence, William A., assignor.
Euler, Donald J.: *See*—
Wells, E. C., Euler, and Collins.
Eureka Vacuum Cleaner Company: *See*—
Coss, George R., assignor.
Walker, George W., assignor.
Walker, G. W., and Hopkins, assignors.
Walker, G. W., and Ornas, assignors.
Walker, G. W., and Wittke, assignors.
Wittke, Kurt H., assignor.
Evans, Etta, New York, N. Y. Child's dress. 139,906; Jan. 2.
Evans, George, Chicago, Ill. Picture frame or the like. 141,862; July 10.
Evans, William I.: *See*—
Smith, A. J., and Evans.
Evans, William I., Los Angeles, Calif. Combination stand and service table. 141,929; July 31.
Even-Pul Foundations, Inc.: *See*—
Lo Cascio, Jack J., assignor.
Everbest Engineering Corp.: *See*—
Peckerman, Charles, assignor.
Ewart, Elliott S., St. Clair Shores, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 142,548; Oct. 16.
Ewing, Ralph C., New York, N. Y. Handbag frame or similar article. 142,993; Nov. 27.
Ewing, Ralph C., New York, N. Y. Handbag frame or similar article. 142,994; Nov. 27.
Ewing, Ralph C., New York, N. Y. Handbag frame or similar article. 142,995; Nov. 27.
Excel Auto Radiator Company: *See*—
Briskin, Theodore S., assignor.
Excitement, Incorporated: *See*—
Eisenberg, Sam J., assignor.
Exhibit Supply Company, The: *See*—
Meyer, John F., assignor.
Eyring, Herbert: *See*—
Remesch, J., Eyring, and Moyer.
Faggin, Birdes, Arlington, Va. Table top or similar article. 140,527; Mar. 6.
Fairbairn, William E., Washington, D. C., F. R. Graninger, Takoma Park, Md., and E. G. Millison, Falls Church, Va. Dagger or the like. 141,363; May 29.
Fairbairn, William E., Washington, D. C., F. R. Graninger, Takoma Park, Md., and E. G. Millison, Falls Church, Va. Scabbard or the like. 140,745; Apr. 3.
Fairbanks, Morse & Co.: *See*—
Aker, Leonard, assignor.
Anderson, Gordon R., assignor.
Dreyfuss, Henry, assignor.
Fairbanks, Monroe S., San Francisco, Calif. Grinder. 140,659; Mar. 27.
Fairchild Engine & Airplane Corporation: *See*—
Thieblot, Armand J., assignor.
Fairfacts Company, Inc., The: *See*—
Klauber, Chester D., assignor.
Famolare, Joseph P., Chestnut Hill, Mass. Shoe. 142,847; Nov. 13.
Fannon, Leonard A.: *See*—
Wise, W. F., and Fannon.
Farber, Simon W., Brooklyn, N. Y. Spoon. 140,263; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Cooking spoon. 140,264; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Cooking spoon. 140,265; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Cooking fork. 140,274; Feb. 6.
Farber, Simon W., Brooklyn, N. Y. Pressure cooker. 143,291; Dec. 25.
Farber, Simon W., Brooklyn, N. Y. Pressure cooker. 143,292; Dec. 25.
Farmer, Laurel, New York, N. Y. Toy. 141,062; May 1.
Federal Telephone and Radio Corporation: *See*—
Haigh, L. B., and Stearn, assignors.
Knorr, Camillo A., assignor.
Master, Warren S., assignor.

Fegely, John P., Allentown, Pa. Baby walker. 142,848; Nov. 13.
Feig, Edward C., Chicago, Ill., assignor to C. E. Barrett & Co. Fountain pen. 141,297; May 22.
Feild, Joseph L., Detroit, Mich. Surface sander. 143,293; Dec. 25.
Feinstein, Morris A., Chicago, Ill. Electric broiler heating unit. 140,442; Feb. 27.
Feist, Harry J., assignor to Consolite Corporation, Fremont, Ohio. Mirror and support therefor. 142,165; Aug. 14.
Feldman, Isidore: *See*—
Abrams, William, assignor.
Fellows Gear Shaper Company, The: *See*—
Miller, Edward W., assignor.
Ferguson, Robert O., Bristol, Tenn., assignor of one-half to W. J. Tilley, Bristol, Va. Brassière. 141,777; July 3.
Ferris, Victor W., Venice, Calif. Milk can cover or similar article. 142,710; Oct. 30.
Ferriso, John D., Brooklyn, N. Y. Slipper. 142,281; Aug. 21.
Fibro Container Corporation: *See*—
Olkon, Albert, assignor.
Filer, Adelbert F., assignor of one-half to M. J. Condon, Memphis, Tenn. Figure toy. 143,294; Dec. 25.
Finder, Francis A., Long Island City, N. Y. Vanity case or similar article. 141,364; May 29.
Finders Manufacturing Company: *See*—
Waltman, Chauncey E., assignor.
Fine, George, New York, N. Y. Diamond or similar article. 141,258; May 15.
Fine, George, New York, N. Y. Diamond or similar article. 141,259; May 15.
Fink, Frederick, Washington, D. C. Crutch grip. 142,549; Oct. 16.
Finkelstein, Nathan, New York, N. Y. Jacket. 140,137; Jan. 23.
Finkelstein, Nathan, New York, N. Y. Coat. 141,021; Apr. 24.
Finkelstein, Nathan, New York, N. Y. Jacket. 142,951; Nov. 20.
Finkelstein, Nathan, New York, N. Y. Jacket. 143,194; Dec. 18.
Finkelstein, Nathan, New York, N. Y. Jacket. 143,195; Dec. 18.
Fischel, Morton M., Chicago, Ill. Floor lamp. 141,421; May 29.
Fischer, Ethel, New York, N. Y. Child's coat. 140,686; Mar. 27.
Fischer, Jacob J.: *See*—
Schless, Maurice J., assignor.
Fischer, Simon, Brooklyn, N. Y. Brooch or similar article. 140,067; Jan. 16.
Fischer, Simon, Brooklyn, N. Y. Bracelet or similar article. 140,282; Feb. 6.
Fischer, Simon, Brooklyn, N. Y. Earring or similar article. 140,562; Mar. 13.
Fish, Ned D., and L. P. Martin, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,381; Sept. 25.
Fish, Ned D., and L. P. Martin, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 142,382; Sept. 25.
Fisher, EdWill, Minneapolis, Minn., assignor to Fisher Flame. Cigarette and cigar lighter. 143,295; Dec. 25.
Fisher Flame: *See*—
Fisher, EdWill, assignor.
Fisher, Joseph S., Bronx, N. Y. Combination calendar stand and scratch pad holder. 142,635; Oct. 23.
Fisher, Morris, New York, N. Y. Doll or similar article. 140,170; Jan. 30.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Toy ball. 142,393; Sept. 25.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Toy ball. 142,394; Sept. 25.
Fisk, Ruth L., and A. Abicht, New York, N. Y. Toy ball. 142,395; Sept. 25.
Fisk, Ruth L., New York, N. Y. Combined brooch, compact, lipstick, and comb. 142,473; Oct. 2.
Fitts, Mary G., Atlanta, Ga. Baby's bootee drier. 141,574; June 12.
Fitz Gerald, Harold R., Rocky River, and G. E. Kricker, assignors to The Midland Steel Products Company, Cleveland, Ohio. Combined hand control valve mounting and indicator. 143,143; Dec. 11.
Flandermeyer, Clara M., Milwaukee, Wis. Animal toy. 140,629; Mar. 20.
Flaxman, Louis, Baltimore, Md. Handbag. 140,405; Feb. 20.
Flaster, Alfred A., New York, N. Y. Bottle or similar article. 140,746; Apr. 3.
Fleischhauer, Ethel L., La Fayette, Ind. Bath tub. 143,204; Dec. 18.
Fleisher, James, Minneapolis, Minn. Game board. 141,033; May 1.
Fleming, Earle, Los Angeles, Calif. Wrench. 141,545; June 12.
Fletcher Aviation Corp.: *See*—
Fletcher, Frank P., assignor.
Fletcher, Frank P., Pasadena, Calif. Desk. 140,501; Mar. 6.
Fletcher, Frank P., assignor to Fletcher Aviation Corp., Pasadena, Calif. Baby walker. 142.299: Aug. 28.
Fletcher, Frank P., assignor to Fletcher Aviation Corp., Pasadena, Calif. Combination baby walker and stroller. 142,343; Aug. 28.
Florence Stove Company: *See*—
Bjorncrantz, Carl G., assignor.
Reeves, H. M., and Hauser, assignors.
Florman, Irving, New York, N. Y. Cigarette lighter or the like. 140,293; Feb. 6.
Fluor Corporation, Ltd., The: *See*—
De Flon, J. G., and Meyer, assignors.
Flynt, Robert C., Winston-Salem, N. C. Wheeled toy. 141,298; May 22.
Flynt, Robert C., Winston-Salem, N. C. Wheeled toy. 142,396; Sept. 25.
Fontaine, Athanas P., San Marino, and C. R. Irvine, Whittier, assignors to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 140,412; Feb. 20.
Ford, George E., Brighton, N. Y., assignor to Qualitrol Corporation, Rochester, N. Y. Kitchen mixing machine. 142,550; Oct. 16.
Ford, Jack L., Los Angeles, Calif. Merchandise rack or the like. 142,952; Nov. 20.
Fordyce, Charles L., New York, N. Y., assignor to Pitman-Dreitzer & Co., Inc. Glass plate or article of similar nature. 140,345; Feb. 13.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass goblet or article of similar nature. 140,391; Feb. 20.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass jug or article of similar nature. 140,416; Feb. 27.
Fordyce, Charles L., assignor to Pittman-Dreitzer & Co., Inc., New York, N. Y. Glass candle holder or article of similar nature. 140,747; Apr. 3.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass decanter or article of similar nature. 140,853; Apr. 10.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass candle holder or article of similar nature. 140,974; Apr. 24.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass condiment jar or article of similar nature. 141,007; Apr. 24.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass spoon or article of similar nature. 141,112; May 8.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass cup or article of similar nature. 141,516; June 5.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass bon-bon dish or article of similar nature. 141,517; June 5.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Compotier or article of similar nature. 141,587; June 12.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass plate or article of similar nature. 141,680; June 26.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass butter dish or article of similar nature. 141,681; June 26.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass candleholder or article of similar nature. 141,721; June 26.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Cigarette box or article of similar nature. 142,182; Aug. 14.
Fordyce, Charles L., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Candle holder or article of similar nature. 142,474; Oct. 2.
Forman, Alexander W., Chicago, Ill. Folding shoe horn. 140,140; Jan. 30.
Forman, Mack M., Providence, R. I., assignor to Marathon Company. Box for children's jewelry. 142,996; Nov. 27.
Formis, Frederick K., West Hartford, Conn. Knife. 143,144; Dec. 11.
Forster, Walter J., assignor to Curtiss-Wright Corporation, St. Louis, Mo. Chair. 140,502; Mar. 6.
Forte, Rocco, Madison, N. J. Cracker. 141,977; Aug. 7.
Forwell, Harry E.: *See*—
Foster, Charles H.
Foster, C. H., and Forwell.
Fosgood Corporation; *See*—
Foster, Joseph C., assignor.
Foster, Charles H., and H. Furth, New York, N. Y.; said Furth assignor to said Foster. Combined perfume bottle and support. 140,250; Feb. 6.
Foster, Charles H., and H. E. Forwell, New York, N. Y.; said Forwell assignor to said Foster. Combined perfume bottle and support. 140,251; Feb. 6.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Sun goggle or the like. 139,907; Jan. 2.
Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Comb or the like. 142,711; Oct. 30.
Foster, Waldo E., Minneapolis, assignor to Conveyors Incorporated, St. Paul, Minn. Suction nozzle. 141,082; May 1.
Foster, William B., Milan, Tenn. Sewing machine frame. 140,382; Feb. 20.
Fowler, Gizella, New York, N. Y., assignor to C. J. Bates & Son, Chester, Conn. Yarn bobbin or similar article. 140.474: Feb. 27.

Frank, Joseph, Forest Hills, N. Y. Flashlight. 140,300; Feb. 6.
Frank, Joseph, Forest Hills, N. Y. Flashlight. 140,301; Feb. 6.
Frank, Leon L., New York, N. Y. Textile fabric. 140,050; Jan. 16.
Frank, Leon L., New York, N. Y. Textile fabric. 140,051; Jan. 16.
Frank, Leon L., New York, N. Y. Textile fabric. 140,052; Jan. 16.
Frank, Leon L., New York, N. Y. Textile fabric. 140,639; Mar. 20.
Frank, Stephen, Toronto, Ontario, Canada. Score board. 140,767; Apr. 10.
Franke, Kenneth S., Woodside, N. Y. Magician's trick device. 140,417; Feb. 27.
Frankel, Leo J., Chicago, Ill. Toy gun. 142,551; Oct. 16.
Frascino, Mario, New York, N. Y. Coat. 141,755; July 3.
Frascino, Mario, New York, N. Y. Coat. 141,756; July 3.
Frascino, Mario, New York, N. Y. Coat. 142.025; Aug. 14.
Fraser, Leslie S., Toronto, Ontario, Canada. Jewelry finding. 140,640; Mar. 20.
Fravessi-Lamont, Inc.: *See*—
Mendsen, Thelma, assignor.
Straeter, Angela, assignor.
Fredell, Titus O., Minneapolis, Minn. Jar coupling for holding paint brushes. 142,849; Nov. 13.
Frederick, Robert E., New York, N. Y. Shoe or similar article. 139,908; Jan. 2.
Frederics, Fred, New York, N. Y. Cosmetic bag. 140,323; Feb. 13.
Frederics, Fred, New York, N. Y. Lipstick case. 141,278; May 15.
Frederics, Fred, New York, N. Y. Multiple holder for cosmetic preparations or the like. 141,978; Aug. 7.
Frederics, Fred, New York, N. Y. Display stand or similar article. 143,202; Dec. 18.
Frederics, Fred, New York, N. Y. Display stand or similar article. 143,203; Dec. 18.
Frederics, Fred, New York, N. Y. Bottle. 143,296; Dec. 25.
Freedman, Jules, New York, N. Y. Suit. 143,196; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,197; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,198; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,199; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,200; Dec. 18.
Freedman, Jules, New York, N. Y. Suit. 143,201; Dec. 18.
Freedman, Leonard I., New York, N. Y. Embossed leather or the like. 139,866; Jan. 2.
Freedman, Leonard I., New York, N. Y. Embossed leather. 141,070; May 1.
Freedman, Leonard I., New York, N. Y. Embossed leather. 143,141; Dec. 11.
Freeman, John, Montreal, and Bjarni Eggertson, Verdun, Quebec, Canada. Finger nail lacquer polishing brush. 142,138; Aug. 14.
Freemark, Michael J., Breckenridge, Minn. Helicopter toy. 142,636; Oct. 23.
Frei, Otto, assignor to Sport-Craft Company, New York, N. Y. Embroidered textile fabric or similar article. 142,166; Aug. 14.
French, Edward R., Ocean City, N. J. Floral piece. 141,236; May 15.
French, George F., R. French, and S. Warburton, Manchester, England. Cartridge belt link. 139,878; Jan. 2.
French, George F., R. French, and S. Warburton, Manchester, England. Cartridge belt link. 139,879; Jan. 2.
French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Transport vehicle. 141,736; July 3.
French, Roger: *See*—
French, G. F., French and Warburton.
Freshmaster Corporation: *See*—
Drogin, Martin M., assignor.
Fretz, Edward T., Sherman Oaks, assignor to Aard Company, Los Angeles, Calif. Baby rattle. 141,757; July 3.
Freund, Milan, and P. Neuberger, New York, N. Y. Writing paper or the like. 143,142; Dec. 11.
Friedman, Bernard V., Brooklyn, N. Y. Xylophone. 141,682; June 26.
Friedman, Bernard, Brooklyn, N. Y. Xylophone. 141,683; June 26.
Friedman, Joseph L., New York, N. Y. Combined handbag and cigarette case. 140,229; Feb. 6.
Friedman, Joseph L., New York, N. Y. Handbag frame. 140,546; Mar. 6.
Friedman, Philip, New York, N. Y. Man's shorts. 141,778; July 3.
Friedman, Theodore, New York, N. Y. Comb. 142,167; Aug. 14.
Friedman, Theodore, New York, N. Y. Frame for a hand mirror or magnifying glass. 142,168; Aug. 14.
Friedrich, Edward San Antonio, Tex. Game table. 141,884; July 31
Friend, Joseph, Los Angeles, Calif. Poker chip holder. 140,994; Apr. 24.
Frifari, Krussman & Fishel Inc.: *See*—
Philippe, Alfred, assignor.
Frischer, Joseph, Long Beach, N. Y. Plaited-embossed artificial leather fabric or the like. 140,475; Feb. 27.
Fritzner, Harald, Seattle, Wash. Step for flexible ladders. 140,324; Feb. 13.
Fromm, Edith, New York, N. Y., now by certificate of court Edith Neuhaus. Ejector fork. 141,635; June 19.
Frost, Homer A., Jr., Tucson, Ariz. Clock. 142,552; Oct. 16.
Frost, Ray T., assignor to Plas-Tex Corporation, West Hollywood, Calif. Straining funnel combination unit. 142,255; Aug. 21.
Fry, Benjamin W., University City, Mo. Vending machine. 141,438; June 5.
Fuller, Clarence W.: *See*—
Alexander, W. M., and Mayer, assignors.
Fuller, Daniel B., New York, N. Y. Textile fabric. 142,997; Nov. 27.
Fulton Company, The: *See*—
Thorp, Joel R., assignor.
Funderburk, Otis C., Weston, Mass. Smoker's stand. 143,205; Dec. 18.
Furman, Murray F., Brooklyn, assignor to Chesebrough Manufacturing Company, Consolidated, New York, N. Y. Jar or similar article. 142,517; Oct. 9.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,553; Oct. 16.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,554; Oct. 16.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,555; Oct. 16.
Furst, Clifford A., New York, N. Y. Brooch or similar article. 142,556; Oct. 16.
Furth, Hertha: *See*—
Foster, Charles H.
Gabriel, Milan E., New York, N. Y. Picture frame or similar article. 141,947.
Gage, Nellie M., Dayton, Ohio. Luminous attachment for vehicle headlights. 140,171; Jan. 30.
Gaguski, Edward O., Baltimore, Md., assignor to Bendix Aviation Corporation, New York, N. Y. Housing for electrical apparatus. 142,475; Oct. 2.
Gallagher, William M., Oklahoma City, Okla. Compound tool. 141,321; May 22.
Gallaher, Edward B., assignor to Clover Manufacturing Co., Norwalk, Conn. Display stand for grinding wheels and similar articles. 143,066; Dec. 4.
Gallik, George A., Duluth, Minn. Altar card supporting frame. 142,300; Aug. 28.
Gambe, Frank, Brooklyn, N. Y. Collapsible music stand. 140,336; Feb. 13.
Gamblim, Fred L., Dora, Ala. Game board. 141,759; July 3.
Ganahl, Ethel C., San Antonio, Tex. Doll or similar article. 140,687; Mar. 27.
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 141,093; May 8.
Gantwarg, Charles, assignor to Colonial Mfg. Co., Inc., New York, N. Y. Finger ring. 143,297; Dec. 25.
Ganz, Rudolph, assignor to Shawnee Pottery Company, Zanesville, Ohio. Teapot. 141,814; July 10.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Lady pig cookie jar or similar article. 140,172; Jan. 30.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Cookie jar or similar article. 141,322; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Condiment shaker or similar article. 141,323; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Teapot or similar article. 141,324; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Condiment shaker or similar article. 141,325; May 22.
Ganz, Rudolph V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Condiment shaker or similar article. 141,339; May 22.
Ganz, Rudy V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Water jug or similar article. 140,203; Jan. 30.
Garding, Edgar, Paynesville, Minn. Violin. 140,294; Feb. 6.
Gardner, Florinda, Los Angeles, Calif. Fingernail cleaning device. 141,113; May 8.
Garee, Hugh McM., Minerva, assignor to D. K. Harvey, doing business as Chic Pottery Company, Wellsville, Ohio. Savings bank. 141,260; May 15.
Garfinkle, Jerome, assignor to Youthform Dress Inc., New York, N. Y. Dress. 141,758; July 3.
Garibay, Joseph U., Montebello, Calif. Welding electrode holder. 140,630; Mar. 20.
Garner, John S., Darlington, S. C. Potato cutter. 142,026; Aug. 14.
Gartner, Emil H.: *See*—
Myers, L., and Gartner.
Gauvreau, Joseph E., assignor to E. F. Kemp, Inc., Somerville, Mass. Display cabinet. 141,237; May 15.
Gavaza, George V., Quincy, Mass. Faucet filter. 139,909; Jan. 2.
Geffner, Samuel H., New York, N. Y. Combined desk and blackboard. 142,850; Nov. 13.
Geis, Lester, New York, N. Y., and C. L. Metzler, Palisades Park, N. J., assignors to American Optical Company, Southbridge, Mass. Projector. 143,067; Dec. 4.

Gelinas, Ralph J., Cohasset, Mass., assignor to United-Rexall Drug Company. Card display box. 141,760; July 3.
Gelinas, Ralph J., Cohasset, Mass., assignor to United-Rexall Drug Company. Card display cabinet. 141,761; July 3.
Geluso, Sebastian J., assignor of one-half to H. M. Lawn, Brooklyn, N. Y. Combination collapsible baby's automobile and swing seat. 140,503; Mar. 6.
Gendron Wheel Company: *See*—
Rideout, John G., assignor.
General Fireproofing Company, The: *See*—
Brainard, G. C., and Loewy, assignors.
General Machinery Corporation: *See*—
Schurr, Otto E., assignor.
General Motors Corporation: *See*—
Biasell, La Verne R., assignor.
Jergenson, George A., assignor.
Markestein, John, assignor.
General Radio Company: *See*—
Eastham, Melville, assignor.
Genske, Hugh, Philadelphia, Pa., assignor to Sunset, Incorporated, Chicago, Ill. Bottle. 142,778; Nov. 6.
Gerbing, Willard E., Park Ridge, Ill. Powder compact. 140,115; Jan. 23.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, assignors to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 142,998; Nov. 27.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, assignors to Electric Household Utilities Corporation, Chicago, Ill. Combined ironing machine and stand. 143,298; Dec. 25.
Gerhardt, Andrew H., Skokie, and A. P. Schulz, Hinsdale, assignors to Electric Household Utilities Corporation, Chicago, Ill. Combined ironing machine, lap board, and stand. 143,299; Dec. 25.
Germanow-Simon Machine Co.: *See*—
Simon, Julius, assignor.
Gerson, Samuel L., Bridgeton, N. J. Plate. 142,851; Nov. 13.
Gerson, Samuel L., Millville, N. J. Tumbler. 143,206; Dec. 18.
Gerson, Samuel L., Millville, N. J. Ash tray. 143,300; Dec. 25.
Gerth, Ruth, New York, N. Y., assignor to King Leathers Incorporated, Indiana, Pa. Combined flexible billfold and change purse. 142,150; Aug. 14.
Giannini, Gabriel M., West Los Angeles, assignor to Autoflight Corporation, Burbank, Calif. Magnetic direction indicator. 140,794; Apr. 10.
Gibson, James E., Jr., High Point, N. C. Toy automobile. 141,022; Apr. 24.
Gibson, Marshall D., Webster Groves, Mo. Bacon press or similar article. 140,707; Apr. 3.
Gilbert, Everett Q., and L. F. Wahl, Richmond, Ind. Double end adjustable check gauge. 140,597; Mar. 20.
Gilbert, Henry, North Hollywood, assignor to Mission Hosiery Mills, Los Angeles, Calif. Perfume bottle. 142,999; Nov. 27.
Gilbert, Henry, North Hollywood, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Mixing device. 143,301; Dec. 25.
Gilbert, Samuel: *See*—
Lerner, G. and Gilbert, assignors.
Gilbert, Samuel, and G. Lerner, Los Angeles, Calif. Toy wagon. 141,737; July 3.
Gilchrist, John E., assignor to Amatoy Corporation, Chicago, Ill. Child's bubble pipe or the like. 140,708; Apr. 3.
Gilchrist, Llewellyn, San Francisco, Calif. Kettle. 142,712; Oct. 30.
Gill, George H.: *See*—
Williams, Earl C., assignor.
Gillett, Jerome E., Superior, Wis. Card holder. 142,151; Aug. 14.
Gilliam, Albert H., Alameda, Calif. Toy horse. 141,523; June 12.
Gilly, Charles G.: *See*—
Post, George V., assignor.
Gilly, Mary V.: *See*—
Post, George V., assignor.
Gilmour, Alexander, Terre Haute, Ind. Electric holder or similar article. 141,065; May 1.
Ginsburg, Martin, Brooklyn, N. Y. Handbag. 140,173; Jan. 30.
Girard, Alexander H., Grosse Pointe, assignor to International Detrola Corporation, Detroit, Mich. Combination radio and phonograph cabinet. 142,637; Oct. 23.
Gits, Joseph A.: *See*—
Gits, Jules P. and J. A.
Gits, Jules P. and J. A. Chicago, Ill. Wall switch plate. 141,371; May 29.
Gits, Jules P. and J. A. Chicago, Ill. Wall switch plate. 141,392; May 29.
Glad, Jack, New York, N. Y. Dress. 143,068; Dec. 4.
Glad, Jack, New York, N. Y. Dress. 143,069; Dec. 4.
Glad, Jack, New York, N. Y. Dress. 143,070; Dec. 4.
Glad, Jack, New York, N. Y. Dress. 143,071; Dec. 4.
Gladstone, William D., New York, N. Y. Combination lighter and cigarette case. 141,684; June 26.
Glass, Henry D., Akron, assignor to Seiberling Latex Products Company, Barberton, Ohio. Playing ball. 141,546; June 12.
Glass, Henry P., Chicago, Ill. Toy storage chest. 140,590; Mar. 13.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,956; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,957; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,958; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,959; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Knife rack. 141,960; Aug. 7.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,027; Aug. 14.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,028; Aug. 14.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,029; Aug. 14.
Glass, Henry P., assignor to Ekco Products Company, Chicago, Ill. Merchandise display case. 142,256; Aug. 21.
Glassberg, Margaret, Los Angeles, Calif. Doll. 140,287; Feb. 6.
Glastal, Benjamin, New York, N. Y. Tieclasp. 141,738; July 3.
Glastal, Benjamin, New York, N. Y. Tieclasp. 141,739; July 3.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 139,938; Jan. 2.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 139,939; Jan. 2.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 139,948; Jan. 9.
Glatthar, George E., University Heights, and J. Terr, Cleveland Heights, assignors to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 140,141; Jan. 30.
Gleason, Frederick E., assignor to Seattle Lighting Fixture Co., Seattle, Wash. Lighting fixture. 140,504; Mar. 6.
Glick, Gertrude J., Chicago, Ill. Handbag. 142,852; Nov. 13.
Glisch, Irwin M., E. J. McEachron, and N. R. Ariesan, Milwaukee, Wis. Pocket lighter. 140,975; Apr. 24.
Globe Company, The: *See*—
Bilek, Frank J., assignor.
Globe Milker, Inc.: *See*—
Thompson, E. B., and Estel, assignors.
Globe-Union Inc.: *See*—
Suter, George D., assignor.
Gluck, Joseph, New York, N. Y. Textile fabric. 142,853; Nov. 13.
Glukes, Bernard R., Los Angeles, Calif. Knife rack. 141,898; July 31.
Glukes, Bernard R., Los Angeles, Calif. Table. 142,211; Aug. 21.
Goble, Eddie L., Sherman, Tex. Robe. 141,008; Apr. 24.
Goddeau, Guy F., assignor to Liquid Carbonic Corporation, Chicago, Ill. Gas saver. 143,302; Dec. 25.
Goggins, John R., Forest Junction, Wis. Sprinkler head base. 142,401; Sept. 25.
Gold, Ira: *See*—
Paul, Raymond, assignor.
Goldberg, Beatrice, Brooklyn, N. Y. Sun visor. 142,237; Aug. 21.
Goldberg, H.: *See*—
Badgley, Laurie C., assignor.
Siwek, S. Z., and Goldberg, assignors.
Goldberg, Harry: *See*—
Siwek, S. Z., and Goldberg.
Goldbert, Max L., New York, N. Y. Cigarette box, or similar article. 140,748; Apr. 3.
Goldbert, Max L., New York, N. Y. Letter opener or similar article. 141,875; July 31.
Golden State Ceramics: *See*—
Mader, Nona, assignor.
Golden, Zelma, New York, N. Y. Dress. 140,068; Jan. 16.
Golden, Zelma, New York, N. Y. Dress. 140,069; Jan. 16.
Golden, Zelma, New York, N. Y. Dress. 140,116; Jan. 23.
Golden, Zelma, New York, N. Y. Dress. 140,958; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,959; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,960; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,961; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,962; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,963; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,976; Apr. 24.

Golden, Zelma, New York, N. Y. Dress. 140,977; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,978; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,979; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,980; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,981; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 140,982; Apr. 24.
Golden, Zelma, New York, N. Y. Dress. 141,160; May 8.
Golden, Zelma, New York, N. Y. Dress. 142,397; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,398; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,399; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,400; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,402; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,403; Sept. 25.
Golden, Zelma, New York, N. Y. Dress. 142,779; Nov. 6.
Golden, Zelma, New York, N. Y. Dress. 142,854; Nov. 13.
Golden, Zelma, New York, N. Y. Dress. 142,855; Nov. 13.
Golden, Zelma, New York, N. Y. Dress. 142,856; Nov. 13.
Golden, Zelma, New York, N. Y. Dress. 142,857; Nov. 13.
Golden, Zelma, New York, N. Y. Jacket. 142,858; Nov. 13.
Golden, Zelma, New York, N. Y. Jacket. 142,953; Nov. 20.
Golden, Zelma, New York, N. Y. Dress. 143,000; Nov. 27.
Golden, Zelma, New York, N. Y. Dress. 143,303; Dec. 25.
Golden, Zelma, New York, N. Y. Dress. 143,304; Dec. 25.
Golden, Zelma, New York, N. Y. Dress. 143,305; Dec. 25.
Golden, Zelma, New York, N. Y. Jacket. 143,306; Dec. 25.
Golden, Zelma, New York, N. Y. Jacket. 143,307; Dec. 25.
Goldenstein, Philip, New York, N. Y. Scarf. 141,161; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,162; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,163; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,164; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,165; May 8.
Goldenstein, Philip, New York, N. Y. Scarf. 141,166; May 8.
Goldfrank, John, New York, N. Y. Embroidered trimming or the like. 142,068; Aug. 14.
Golding, Reuben, Portchester, N. Y. Radiator cover. 140,070; Jan. 16.
Goldinger Fabrics Co.: *See*—
Park, Arthur Y., assignor.
Goldman, Alex, Brooklyn, assignor to Universal Fountain Pen & Pencil Company, New York, N. Y. Stylographic pen. 140,727; Apr. 3.
Goldman, Gloria, New York, N. Y. Hair clip or similar article. 142,476; Oct. 2.
Goldsmith Brothers Manufacturing Co., Inc.: *See*—
Berkowitz, Victor, assignor.
Goldsmith, Michael D.: *See*—
Worth, H., and Goldsmith.
Goldsmith, Morris: *See*—
Bruneau, A. J., and Goldsmith.
Goodman, Harry, Britton, Okla. Air conditioning vaporizer. 142,363; Sept. 11.
Goodman, L. A., Manufacturing Company, et al.: *See*—
Lumbard, Edward B., assignor.
Goodman, Louis A., et al.: *See*—
Lumbard, Edward B., assignor.
Goodman, Tillye W., et al.: *See*—
Lumbard, Edward B., assignor.
Goodrich, B. F., Company, The: *See*—
Billingsley, William F., assignor.
Stackhouse, James H., assignor.
Stackhouse, J. H., and Brown, assignors.
Walker, George W., assignor.
Wydom, Herbert H., assignor.
Goodykoontz, Jane E., Kansas City, Mo. Observation car body. 140,209; Jan. 30.
Gordon, Catherine K., Chicago, Ill. Bottle. 140,842; Apr. 10.
Gordon, Mollie, assignor to Reuben Gordon Shoe Co. Inc., Philadelphia, Pa. Sandal. 141,114; May 8.
Gordon, Murray G., New York, N. Y. Cigarette case with transparent display windows. 142,334; Aug. 28.
Gordon, Reuben, Shoe Co., Inc.: *See*—
Gordon, Mollie, assignor.
Gorham Manufacturing Company: *See*—
Price, James R., assignor.
Goss Printing Press Company, The: *See*—
Crafts, Curtis S., assignor.
Gostkowski, Bedri H., assignor to Universal Lighters Selling Company Ltd., Geneva, Switzerland. Cigar and cigarette lighter. 141,829; July 10.
Gotsch, Walter M., Company: *See*—
Hauck, Marie F., assignor.
Gottlieb, David E., New York, N. Y. Dress. 140,584; Mar. 13.
Gottschalk, Rose, assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 140,660; Mar. 27.
Gottschalk, Rose, assignor to Edgar C. Hyman Co., New York, N. Y. Scarf. 140,661; Mar. 27.
Goudy, Rene: *See*—
Swanson, E. E., and Goudy.
Gould, Raymond A., South Bend, Ind. Game board. 140,081; Jan. 23.
Graber, Philip, New York, N. Y. Coat. 141,830; July 10.
Graeter, Harold, Sherman, Conn., assignor to Cartier, Inc., New York, N. Y. Combined bracelet and watch. 142,713; Oct. 30.
Graham, Elizabeth N., New York, N. Y. Brassière. 141,575; June 12.
Graham, Elizabeth N., New York, N. Y. Jar or similar article. 141,762; July 3.
Graham, Roy F., assignor to Stok-A-Fire Company, Inc., University City, Mo. Stoker. 141,831; July 10.
Grammer, Allen L., Montclair, N. J. Mask or similar article. 140,377; Feb. 20.
Grammer, Allen L., Montclair, N. J. Doll or similar article. 140,709; Apr. 3.
Grand Specialties Company: *See*—
Sagen, Anthony M., assignor.
Graninger, Fernleigh R.: *See*—
Fairbairn, W. E., Graninger, and Millison.
Grant, Joseph C., Glendale, and R. M. Huemer, North Hollywood, Calif. Doll or similar article. 140,688; Mar. 27.
Graven, Nettie E., Wooster, Ohio. Teapot or similar article. 141,041; May 1.
Gray, Landon R.: *See*—
Hufford, L. C., and Gray.
Green, Frederick E., Toppenish, Wash. Bottle carrier. 140,476; Feb. 27.
Green, Richard D., Nashville, Mich. Ice auger. 141,685; June 26.
Green, Robert O., New York, N. Y. Sheath or similar article. 140,346; Feb. 13.
Green, Robert O., New York, N. Y. Sheath or similar article. 140,347; Feb. 13.
Greenberg, Alexander, New York, N. Y. Wrist watch strap. 142,404; Sept. 25.
Greenberg, Fred, New York, N. Y. Dress. 142,405; Sept. 25.
Greenberg, Fred, New York, N. Y. Dress. 142,406; Sept. 25.
Greene, Clarence Kirk, North Hollywood, assignor to Tripplett & Barton Inc., Burbank, Calif. Pedestal for stamping machine. 143,207; Dec. 18.
Greene, David, assignor to Esmco Auto Products Corp., Brooklyn, N. Y. Towel rack. 141,779; July 3.
Greene, David, assignor to Esmco Auto Products Corp., Brooklyn, N. Y. Towel rack. 141,780; July 3.
Greenfield, Benjamin, New York, N. Y. Washable toy block or similar article. 141,340; May 22.
Greenwell, Robert H., Washington, D. C. Doll cradle. 141,009; Apr. 24.
Gregg, Jon, New Hope, Pa. Shoe sole or similar article. 140,174; Jan. 30.
Greppin, Ernest H., Brighton, assignor to Wilmot Castle Company, Rochester, N. Y. Lamp standard. 142,407; Sept. 25.
Gresen, Harry M.: *See*—
Staub, L., Rittoff, and Gresen.
Grimsby, Anthony A., Bradford, Ontario, Canada. Combined sewing rack and pin-cushion. 142,477; Oct. 2.
Groff, Stella M., Santa Ana, Calif. Boudoir slipper. 142,780; Nov. 6.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,983; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,995; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,996; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,997; Apr. 24.
Gronemeyer, Erich, Pompton Plains, assignor to Mack Molding Company, Incorporated, Wayne, N. J. Handle for brushes. 140,998; Apr. 24.
Gross, Katherine, Philadelphia, Pa. Lapel button or the like. 140,563; Mar. 13.
Grossman Music Company: *See*—
Thompson, Josephus, assignor.
Groves & Ingram: *See*—
Ingram, Thomas R., assignor.
Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Combination radio-phonograph cabinet. 142,139; Aug. 14.
Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 142,140; Aug. 14.

Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 142,141; Aug. 14.

Grube, Clifford E., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 142,142; Aug. 14.

Gruber, Abe, New York, N. Y. Coat. 140,036; Jan. 16.
Gruber, Abe, New York, N. Y. Suit. 140,037; Jan. 16.
Gruber, Abe, New York, N. Y. Suit. 140,038; Jan. 16.
Gruber, Abe, New York, N. Y. Coat. 140,191; Jan. 30.
Gruber, Abe, New York, N. Y. Suit. 140,266; Feb. 6.
Gruber, Abe, New York, N. Y. Suit. 140,463; Feb. 27.
Gruber, Abe, New York, N. Y. Suit. 140,689; Mar. 27.
Gruber, Abe, New York, N. Y. Suit. 141,273; May 15.
Gruber, Abe, New York, N. Y. Suit. 141,274; May 15.
Gruber, Abe, New York, N. Y. Suit. 141,275; May 15.
Gruber, Abe, New York, N. Y. Suit. 141,393; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,394; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,395; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,396; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,401; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,402; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,403; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,404; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,405; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,406; May 29.
Gruber, Abe, New York, N. Y., Coat. 141,407; May 29.
Gruber, Abe, New York, N. Y. Coat. 141,408; May 29.
Gruber, Abe, New York, N. Y. Suit. 141,488; June 5.
Gruber, Abe, New York, N. Y. Coat. 141,489; June 5.
Gruber, Abe, New York, N. Y. Coat. 141,661; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,662; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,663; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,664; June 19.
Gruber, Abe, New York, N. Y. Coat. 141,930; July 31.
Gruber, Abe, New York, N. Y. Coat. 141,931; July 31.
Gruber, Abe, New York, N. Y. Suit. 142,004; Aug. 7.
Gruber, Abe, New York, N. Y. Suit. 142,069; Aug. 14.
Gruber, Abe, New York, N. Y. Coat. 142,070; Aug. 14.
Gruber, Abe, New York, N. Y. Suit. 142,557; Oct. 16.
Gruber, Abe, New York, N. Y. Coat. 142,638; Oct. 23.

Gruber, Gilbert S., Somerville, assignor to National Carton & Label Corp., Boston, Mass. Bottle. 141,171; May 8.

Grundstrom, Oscar O. A., Rockford, Ill. Hammer head. 141,522; June 12.

Gruver, Dewey D., Little Rock, Ark. Game board. 142,212; Aug. 21.

Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 142,639; Oct. 23.

Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 142,640; Oct. 23.

Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 142,859; Nov. 13.

Guglielmi, Victor, Leonia, N. J. Flexible band for a bracelet or similar article. 143,001; Nov. 27.

Guiberson Diesel Engine Company: *See*—
Lind, William E., assignor.

Guild, Willis T., Gulfport, Miss. Wheeled toy. 142,071; Aug. 14.

Gumb, Daniel E., Milwaukee, Wis. Helicopter motorcycle. 140,875; Apr. 17.

Gunder, Virgil L.: *See*—
Yenni, W. H., and Gunder.

Gunther, Frederick F., assignor to Helmco, Inc., Chicago, Ill. Food warmer or similar article. 139,867; Jan. 2.

Gustafson, Knut L., Chicago, Ill. Spoon or similar article. 140,564; Mar. 13.

Guth, Joseph, Milwaukee, Wis. Airplane. 140,117; Jan. 23.

Guth, Stern & Co., Inc.: *See*—
Lippincott, Joshua G., assignor.

Guttmann, Eric S., assignor to A. S., E. G., L. M., C. M., and L. Polan, Jr., a copartnership doing business as Zenith Optical Company, Huntington, W. Va. Calculator. 141,710; June 26.

Gutz, Raymond T.: *See*—
Swainson, A., and Gutz.

Gutz, Raymond T., Park Ridge, and A. Swainson, assignors to Montgomery Ward & Co., Incorporated, Chicago, Ill. Croquet rack. 142,352; Sept. 11.

Haberman, Meyer, New York, N. Y. Ink well. 141,876; July 31.

Hack, Sidney, Jamaica Estates, Long Island, N. Y. Back for billfold or similar article. 140,710; Apr. 3.

Hacker, Fred A., Cranford, assignor to American Type Founders, Inc., Elizabeth, N. J. Plate making machine. 139,880; Jan. 2.

Haddock, John L., Compton, and S. Dixon, Long Beach, Calif. Sucker rod clamp. 142,558; Oct. 16.

Haggstrom, Arthur C., Rockford, assignor to W. A. Tratsch, Chicago, Ill. Game cabinet. 139,949; Jan. 9.

Haggstrom, Arthur C., Rockford, assignor to W. A. Tratsch, Chicago, Ill. Coin chute. 140,711; Apr. 3.

Haggstrom, Arthur C., Rockford, assignor to W. A. Tratsch, Chicago, Ill. Coin slide. 141,524; June 12.

Hagle, James B., South Bend, Ind. Seed measuring device. 141,686; June 26.

Hagloch, Henry I., Canton, and L. W. Rose, Sr., Dover, Ohio. Game board. 142,860; Nov. 13.

Hagopian, Charles H., New York, N. Y. Bubble device. 139,940; Jan. 2.

Haigh, Leslie B., West Orange, and F. A. Stearn, Westfield, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Telephone jack bracket. 143,308; Dec. 25.

Haigh, Leslie B., West Orange, and F. A. Stearn, Westfield, N. J., assignors to Federal Telephone and Radio Corporation, New York, N. Y. Telephone jack bracket. 143,309; Dec. 25.

Halbert, Claude E., Kansas City, Mo. Game board. 142,318; Aug. 28.

Halbert, Claude E., Kansas City, Mo. Game board. 142,319; Aug. 28.

Hall Brothers, Incorporated: *See*—
Keeney, Frances, assignor.

Hall, Theodore P., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 142,861; Nov. 13.

Hall, Theodore P., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 142,862; Nov. 13.

Hallman, Eric B., assignor to Electric Service Manufacturing Co., Philadelphia, Pa. Lighting fixture. 141,172; May 8.

Hallman, Eric B., assignor to Electric Service Manufacturing Co., Philadelphia, Pa. Vehicle signal light. 143,310; Dec. 25.

Halpern, Joseph, New York, N. Y. Two-piece hair ornament. 142,518; Oct. 9.

Halpern, Joseph, New York, N. Y. Two-piece hair ornament. 143,208; Dec. 18.

Halpern, William, Long Island, N. Y. Bracelet. 140,230; Feb. 6.

Halporn, William, Long Island, N. Y. Bracelet. 140,712; Apr. 3.

Hamburger, Adolf: *See*—
Hamburger, William, assignor.

Hamburger, William, assignor of one-half to A. Hamburger, New York, N. Y. Fur lined shoulder pad for therapeutic purposes. 142,354; Sept. 11.

Hamer, Leland S., Long Beach, Calif. Pipe-line control fitting. 142,362; Sept. 11.

Hamer, Leland S., Long Beach, Calif. Fitting carrying pipe line control plate. 142,408; Sept. 25.

Hamer, Leland S., Long Beach, Calif. Fitting carrying pipe line control plate. 142,409; Sept. 25.

Hamilton, George E., assignor to Keystone View Company, Meadville, Pa. Picture projector. 140,348; Feb. 13.

Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat, or similar article. 141,279; May 15.

Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 142,411; Sept. 25.

Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Place mat or similar article. 142,412; Sept. 25.

Hamilton, Lois R.: *See*—
Collins, A. K., and Hamilton.

Hammerstein, Arthur, Palatine, Ill. Dispensing closure for salt cellars and the like. 142,410; Sept. 25.

Hammond, Robert S., Woodbury, N. J. Grave marker. 141,878; July 31.

Hammond, Robert S., Woodbury, N. J. Grave marker. 141,879; July 31.

Hammond, Willard M., Titusville, N. J. Grave marker. 141,877; July 31.

Hamrick, Willis J., Los Angeles, Calif. Cigarette lighter. 141,144; May 8.

Handler, Elliot, and H. R. Matson, Los Angeles, Calif. Miniature chair or similar article. 140,905; Apr. 17.

Handler, Elliot, and H. R. Matson, Los Angeles, Calif. Miniature sofa or similar article. 140,906; Apr. 17.

Hanington, Charles A., Freeport, N. Y. Curtain or the like. 140,907; Apr. 17.

Hanle, Benjamin W., Elizabeth, N. J. Penholder. 142,361; Sept. 11.

Hannevig, Christoffer, New York, N. Y. Ship or similar article. 140,275; Feb. 6.

Hannevig, Christoffer, New York, N. Y. Aircraft carrier. 140,505; Mar. 6.

Hannevig, Christoffer, New York, N. Y. Ship or similar article. 142,335; Aug. 28.

Hanscom, Alfred H., Chicago, Ill. Wheeled rocking horse or similar article. 139,950; Jan. 9.

Hansen, Edward H., assignor to Elkhart Brass Manufacturing Company, Elkhart, Ind. Fire extinguisher. 142,954; Nov. 20.

Hanson Scale Company: *See*—
Chapman, Dave, assignor.

Hard Manufacturing Company: *See*—
Doty, Boyd A., assignor.

Hardy, Charles W., New York, N. Y. Frame for a handbag. 142,413; Sept. 25.

Harmell, Jack: *See*—
Raab, L., and Harmell.

Harmon, Simpson P., Albany, Ga. Bridge compact. 141,238; May 15.

Harper, Henry L., assignor to Aluminum Company of America, Pittsburgh, Pa. Tread plate. 140,623; Mar. 20.

Harper, Henry L., assignor to Aluminum Company of America, Pittsburgh, Pa. Tread plate. 140,624; Mar. 20.

Harper, Pearl, Los Angeles, Calif. Compact. 143,311; Dec. 25.

Harrington, Houston, Macon, Miss. Combination airplane and submarine. 143,313; Dec. 25.
Harriton, David M., New York, N. Y. Table. 143,312; Dec. 25.
Hart, Fred E., deceased, late of South Gate, Calif., by R. L. Hart, South Gate, Calif., executrix. Toothbrush holder. 143,314; Dec. 25.
Hart, Ruth L., executrix: *See*—
Hart, Fred E.
Harte, Richard, Williamstown, assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Hoe head. 140,565; Mar. 13.
Hartley, Harriet M., Davon, Conn. Bracelet or similar article. 142,414; Sept. 25.
Hartley, Richard A., North Hollywood, Calif., assignor to Adel Precision Products Corp. Slide viewer casing. 142,478; Oct. 2.
Hartmann Trunk Company: *See*—
Barton, George G., assignor.
Hartnett, Paul L., Leominster, Mass. Drape pullback. 141,365; May 29.
Hartnett, Paul L., Leominster, Mass. Drape festoon. 143,002; Nov. 27.
Harvey, Dana K., et al.: *See*—
Garee, Hugh McM., assignor.
Harvey, Wilfred, Leominster, Mass., assignor to Columbia Protektosite Co. Inc., Carlstadt, N. J. Comb. 140,928; Apr. 17.
Harvey, Wilfred, Leominster, Mass., assignor to Columbia Protektosite Co. Inc., Carlstadt, N. J. Comb. 140,929; Apr. 17.
Harvey, William P., Beckley, W. Va. Wheeled toy. 141,439; June 5.
Harvuot, Richard E.: *See*—
Hite, W. A., Harvuot, and Williams.
Haskins Manufacturing Company: *See*—
Antritter, Max, assignor.
Haskins, Robert, Jr., Garden City, and C. E. Barkalow, Floral Park, N. Y., assignors to Sperry Gyroscope, Inc. Indicating rotor case for gyro verticals. 139,881; Jan. 2.
Hat Corporation of America: *See*—
Maxwell, P. M., and Russy, assignors.
Hatcher, Glenn B., Tulsa, Okla. Marble runway toy. 143,315; Dec. 25.
Hathaway, Harlow H., Los Angeles, Calif. Device for growing garden plants or the like. 140,082; Jan. 23.
Hathaway, Harlow H., Los Angeles, Calif. Device for growing garden plants or the like. 140,083; Jan. 23.
Hatherell, George A., Roscoe, Calif. Game board. 140,768; Apr. 10.
Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. House coat. 139,910; Jan. 2.
Hauck, Marie F., assignor to Walter M. Gotsch Company, Chicago, Ill. House coat. 139,911; Jan. 2.
Haughton Elevator Company, The: *See*—
Hohnecker, Otto, assignor.
Hauser, Jon W.: *See*—
Reeves, H. M., and Hauser.
Hausner, Joseph: *See*—
Shaftel, S. J., and Hausner.
Haynes, Robert E., assignor to Don Roberto of California, Los Angeles, Calif. Wall bracket. 140,392; Feb. 20.
Heany, Frank P., Los Angeles, Calif. Combined whatnot shelf and mirror. 142,072; Aug. 14.
Hechler, Eric, Astoria, Long Island, N. Y. Earpiece for hearing aids. 141,071; May 1.
Heckman, Fred J.: *See*—
Marx, J. J., and Heckman.
Hedfield, Reynold T., Madison, Wis. Fish line reel. 141,979; Aug. 7.
Heidt, Fritz. New York, N. Y. Stand for flowers or the like. 140,769; Apr. 10.
Heike, Gustav A., Mondovi, Wis. Sign. 143,072; Dec. 4.
Heil Co., The: *See*—
French, Henry C., assignor.
Heinemann, Edward H., and L. J. Devlin, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Transport airplane. 140,302; Feb. 6.
Heinning, Walter J., Buffalo, N. Y. Building siding unit or the like. 142,479; Oct. 2.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Clock. 140,816; Apr. 10.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Motor for operating movable parts of an airplane. 141,066; May 1.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Motor for operating movable parts of an airplane. 142,273; Aug. 21.
Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Engine starter. 143,316; Dec. 25.
Heirloom Needlework Guild, Inc.: *See*—
Stover, M. A. and W. P.
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 140,749; Apr. 3.
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 142,714; Oct. 30.
Helbein, William, New York, N. Y. Display case for wrist watches and the like. 139,882; Jan. 2.
Helfenbein, Richard C.: *See*—
Zabel, W. C. P., and Helfenbein.
Helfgott, Morris R., Brooklyn, N. Y. Back for a wallet or similar article. 141,042; May 1.
Helfgott, Morris R., Brooklyn, N. Y. Back for a wallet or similar article. 141,043; May 1.
Helfgott, Morris R., Brooklyn, N. Y. Back for a wallet or similar article. 141,044; May 1.
Heller Brothers Company: *See*—
Cline, George D., Jr., assignor.
Heller, Phillip, New York, N. Y. Brilliant cut diamond or similar article. 140,283; Feb. 6.
Hellman, Albert A., assignor to Meyer Lublin, Los Angeles, Calif. Lighter. 142,301; Aug. 28.
Helmco, Inc.: *See*—
Gunther, Frederick F., assignor.
Helwig, Arthur A., Chicago, Ill. Incinerator. 142,320; Aug. 28.
Helwig, William, Milwaukee, Wis. Ash tray. 141,179; May 8.
Hembree, Owen O., San Gabriel, Calif. Palm reading scale. 140,713; Apr. 3.
Henderson, Robert V., Toronto, Ontario, Canada. Combined calendar, letter opener, and ruler. 141,490; June 5.
Hendrix, Rex, Brooklyn, N. Y. Comb. 141,115; May 8.
Henkel, Andrew L., Chicago, Ill. Hand drill. 140,406; Feb. 20.
Henkel, Andrew L., Chicago, Ill. Hammer. 140,407; Feb. 20.
Henkel, Andrew L., Chicago, Ill. Hatchet. 140,408; Feb. 20.
Hentz, Eta, New York, N. Y. Dress. 142,336; Aug. 28.
Hentz, Eta, New York, N. Y. Dress. 142,337; Aug. 28.
Hentz, Eta, New York, N. Y. Combined belt and purse. 142,781; Nov. 6.
Hentz, Eta, New York, N. Y. Combined belt and purse. 142,782; Nov. 6.
Herbert, Edward J., Scarsdale, N. Y. Magnifying glass. 140,252; Feb. 6.
Herman, Robert S.: *See*—
Erger, Edward, assignor.
Hermanos, Selma L., New York, N. Y. Scarf or similar article. 142,169; Aug. 14.
Herrera, Edward A., Huntington, N. Y. Magazine rack. 140,566; Mar. 13.
Herrmann, Hans, Chicago, Ill. Lady's hat or the like 140,398; Feb. 20.
Herrmann, Hans, Chicago, Ill. Jacket. 140,477; Feb. 27.
Hershman, Stanley R., Los Angeles, Calif. Combination stamp holder, pad, and ink reservoir unit. 141,564; June 12.
Hervey, Lee, Mountain Lakes, N. J. Utility shelf or the like. 140,750; Apr. 3.
Herzog, Edgar R., Seattle, Wash. Cigarette roller. 142,559; Oct. 16.
Hess, Relza J., and R. K. Sedgwick, Chicago, Ill. Hydraulic press. 141,667; June 19.
Hess, Relza J., and R. K. Sedgwick, Chicago, Ill. Hydraulic press. 141,668; June 19.
Hettrick Manufacturing Company, The: *See*—
Smith, William I., assignor.
Heublein, G. F., & Bro. Inc.: *See*—
Kunett, Rudolph P., assignor.
Hewson, Isabel M., New York, N. Y. Doll. 141,072; May 1.
Hewson, William S., West Los Angeles, Calif. Automobile. 142,030; Aug. 14.
Hibbard, Hall L., West Los Angeles, and C. L. Johnson, Encino, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 140,795; Apr. 10.
Hieb, Herbert, Des Moines, Iowa. Toy farm implement. 142,359; Sept. 11.
Hieb, Herbert, Des Moines, Iowa. Toy farm implement. 142,360; Sept. 11.
Hiestand, Martha P., Princeton, Wis. House slipper. 142,282; Aug. 21.
High, Fred R., Attleboro, assignor to T. J. Holmes Co. Inc., Chartley, Mass. Atomizer. 140,598; Mar. 20.
Hill, Aune S., Verdi, Nev. Doll. 140,599; Mar. 20.
Hill, C. V., & Company, Inc.: *See*—
Hoffman, Cyrus F., assignor.
Hill, Chinneth, Victoria, Va. Submarine tank. 142,247; Aug. 21.
Hill, Gordon E., Sumner, Wash. Clothes hanger. 140,337; Feb. 13.
Hill, Gordon E., Sumner, Wash. Divided bar clothes hanger. 140,338; Feb. 13.
Hill-Shaw Company: *See*—
Ruhnke, Edward J., assignor.
Hiltenbrand, Frank X., Weehawken, N. J. Handbag. 140,547; Mar. 6.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co. Handbag. 141,299; May 22.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co., New York, N. Y. Handbag. 141,300; May 22.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co. Handbag. 141,341; May 22.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to Harry Rosenfeld Co., New York, N. Y. Handbag. 143,073; Dec. 4.
Hiltenbrand, Frank X., Weehawken, N. J., assignor to H. Rosenfeld Co., New York, N. Y. Handbag. 143,145; Dec. 11.

Hiltenbrand, Frank X., New York, N. Y. Handbag. 142,519; Oct. 9.
Hires, Charles E., Company, The: *See*—
Elkins, Vance V., assignor.
Hirsch, Max, New York, N. Y. Baby food warmer. 142,283; Aug. 21.
Hirsch, Stephen G., assignor to Ocean City Manufacturing Company, Philadelphia, Pa. Fishing reel frame. 141,815; July 10.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corporation. Airplane. 140,284; Feb. 6.
Hite, Walter A., Palos Verdes Estates, R. E. Harvuot, Inglewood, and D. H. Williams, Los Angeles, Calif., assignors to Interstate Aircraft and Engineering Corporation. Airplane. 140,285; Feb. 6.
Hitzeman, Henry C., assignor to H. C. Hitzeman, H. C. Jeske, and H. E. Pease, Chicago, Ill. Target game board. 140,357; Feb. 13.
Hobbs, James M., Tucson, Ariz. Calculator. 143,146; Dec. 11.
Hobé, William W., New York, N. Y. Bracelet or similar article. 140,930; Apr. 17.
Hobé, William W., New York, N. Y. Bracelet or similar article. 140,931; Apr. 17.
Hobé, William W., New York, N. Y. Bracelet or similar article. 140,939; Apr. 24.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,285; May 22.
Hobé, William W., New York, N. Y. Earring or similar article. 141,301; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,302; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,303; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,304; May 22.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,342; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,343; May 22.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,344; May 22.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,366; May 29.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,367; May 29.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,368; May 29.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,369; May 29.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,440; June 5.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,441; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,442; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,443; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,444; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,445; June 5.
Hobé, William W., New York, N. Y. Bracelet or similar article. 141,446; June 5.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 141,845; July 10.
Hobé, William W., New York, N. Y. Bracelet or similar article. 143,317; Dec. 25.
Hobé, William W., New York, N. Y. Brooch pin or similar article. 143,318; Dec. 25.
Hockery, John C., et al.: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski, assignors.
Majewski, J. M., Jr., and Talge, assignors.
Talge, Henry J., assignor.
Talge, H. J., and Martyr.
Hodge, G. Howard, New York, N. Y. Hat. 140,528; Mar. 6.
Hodges, Frederick R., Chicago, Ill. Vigil glass. 142,520; Oct. 9.
Hodges, Vera C., Los Angeles, Calif. Starter. 142,199; Aug. 14.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Self-service display case. 142,073; Aug. 14.
Hoffmann, Edward C., St. Louis, Mo. Pencil sharpener. 142,863; Nov. 13.
Hoffmann, Jean F., Los Angeles, Calif. Textile fabric. 141,939; July 31.
Hohnecker, Otto, assignor to The Haughton Elevator Company, Toledo, Ohio. Escalator balustrade. 140,600; Mar. 20.
Hoiland, Albert, Lansing, Mich. Grate. 143,003; Nov. 27.
Holland Furnace Company: *See*—
Curtis, Stanley, assignor.
Lindeman, Marvin C., assignor.
Weyenberg, H., and Quist, assignors.
Holland, Robert L., and W. F. Nessen, assignors to Holland & Small, Chicago, Ill. Toilet kit or the like. 141,980; Aug. 7.

Holland, Robert L., and W. F. Nessen, assignors to Holland & Small, Chicago, Ill. Container for cooking utensils, food, or the like. 142,415; Sept. 25.
Holland & Small: *See*—
Holland, R. L., and Nessen, assignors.
Hollander, Charlotte E., Baton Rouge, La. Spanish doll souvenir tea bell. 141,636; June 19.
Hollengreen, Milburn A.: *See*—
Price, D. F., Balsiger, and Hollengreen.
Holley, Robert, Penfield Downs, Pa., assignor to Radio Corporation of America. Electron microscope. 141,832; July 10.
Holley, Robert, Penfield Downs, Pa., assignor to Radio Corporation of America. Instrument case. 143,319; Dec. 25.
Hollmann, Hubert, Rivert Forest, Ill., and W. G. Van Voorhis, Columbus, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Excavating machine frame. 140,591; Mar. 13.
Hollywood Gift and Novelty Co. Inc.: *See*—
Bloom, Alvin D., assignor.
Holmes, T. J., Co., Inc.: *See*—
High, Fred R., assignor.
Holmes & Zucker, Inc.: *See*—
Duhan, Ethel R., assignor.
Holophane Company, Inc.: *See*—
Lippincott, Joshua G., assignor.
Holt, William E., Oakland, Calif. Floor maintenance machine. 142,416; Sept. 25.
Holzworth, Lauriene T., et al.: *See*—
Du Bois, Joseph E., assignor.
Homme, Frank, Parshall, N. Dak. Tire tool or similar article. 140,908; Apr. 17.
Honeycutt, Joseph W., Kannapolis, N. C. Tax form device. 142,238; Aug. 21.
Honeywell, Annette, Los Angeles, Calif. Textile fabric. 142,560; Oct. 16.
Hoop, Philip E., Jr., Shelbyville, assignor to Kerkling & Company, Bloomington, Ind. Pneumatic hammer. 142,143; Aug. 14.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,418; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,419; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,420; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,421; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,422; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,423; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,424; Feb. 27.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,074; Aug. 14.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,075; Aug. 14.
Hooven, Howard, Doylestown, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,076; Aug. 14.
Hopfenberg, Irving J., Providence, R. I. Collar holder. 141,763; July 3.
Hopkins, Frank, Stony Creek, Conn. Figurine. 140,865; Apr. 10.
Hopkins, Kenneth A.: *See*—
Walker, G. W., and Hopkins.
Hopkins, Norris E., Chicago, Ill. Scoop or similar article. 142,480; Oct. 2.
Hork, William B., and E. P. Seaberg, Chicago, Ill. Pin cushion. 141,173; May 8.
Horowitz, Alex, Binghamton, N. Y. Rocking toy or similar article. 142,257; Aug. 21.
Horowitz, Benjamin, assignor to Morris Distributing Company, Inc., Binghamton, N. Y. Hobbyhorse. 140,714; Apr. 3.
Horsley, James H., assignor to Park Sherman Co., Inc., Chicago, Ill. Lighter case or similar article. 140,349; Feb. 13.
Horton, Myer B., New York, N. Y. Display stand or similar article. 143,320; Dec. 25.
Hotstream Heater Company, The: *See*—
Morrow, Clarence H., assignor.
Hove, Gaylord R., New Hampton, Iowa. Knife holder. 141,565; June 12.
Hovey, C. Earl: *See*—
Baldwin, Curtis C., assignor.
Bloomfield, Samuel, assignor.
Maultsby, John D., Jr., assignor.
Hovey, C. Earl, trustee: *See*—
Dunn, Helen, assignor.
Hoy Equipment Co.: *See*—
Hoy, Frank H., assignor.
Hoy, Frank H., assignor to Hoy Equipment Co., Milwaukee, Wis. Meat mold cover or similar article. 140,093; Jan. 23.

Hoy, Frank H., assignor to Hoy Equipment Co., Milwaukee, Wis. Meat mold or similar article. 140,094; Jan. 23.
Hoyer, Arnold Z., Conshohocken, Pa., assignor to Kimble Glass Company, Vineland, N. J. Thermohydrometer. 140,601; Mar. 20.
Hubbard, Marion L., Carmel, N. Y. Teacup. 143,321; Dec. 25.
Huber, Earl B., assignor to Bettercraft Company, Chicago, Ill. Display board. 141,305; May 22.
Huemer, Richard M.: *See*—
Grant, J. C., and Huemer.
Huff, Basil D., New York, assignor to Knight Slipper Mfg. Corp., Brooklyn, N. Y. Insole for a shoe. 142,152; Aug. 14.
Huff, Basil D., New York, assignor to Knight Slipper Mfg. Corp., Brooklyn, N. Y. Insole for a shoe. 142,153; Aug. 14.
Hufford, Lewis C. and L. R. Gray, Redondo Beach, Calif. Combined barbecue grill, griddle and grate. 141,370; May 29.
Huffschmidt, Robert E., Portland, Oreg. Furnace grate. 141,372; May 29.
Hughes, Joseph W., Southgate, London, England. Golf tee. 142,521; Oct. 9.
Humphries, Paul D., Winter Haven, Fla. Comb cleaner. 140,728; Apr. 3.
Hunter, Edgar H., Cambridge, Mass. Table. 143,004; Nov. 27.
Hunter, Edgar H., Cambridge, Mass. Chair. 143,005; Nov. 27.
Huppert, William, New York, N. Y. Electrical outlet. 141,397; May 29.
Hussey, Chester L., Belchertown, Mass., assignor to Savage Arms Corporation, Utica, N. Y. Bicycle frame or the like. 142,522; Oct. 9.
Hussman-Ligonier Company: *See*—
Davis, Russell E., assignor.
Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 140,909; Apr. 17.
Huth, Charles I., Woodside, N. Y. Pull toy. 142,154; Aug. 14.
Hyde, Donald B., Newton, Mass. Birdhouse unit. 140,175; Jan. 30.
Hyde, Donald B., Newton, Mass. Combined bird shelter and feeding station. 142,561; Oct. 16.
Hydraulic Development Corporation, Inc., The: *See*—
Lindsey, Robert J., assignor.
Hyman, Charles H., assignor to J. H. Bergman, New York, N. Y. Toy phonograph. 142,344; Aug. 28.
Hyman, Edgar C., Co.: *See*—
Gottschalk, Rose, assignor.
Hyster Company: See—
Johnson, George V., assignor.
Shoemaker, Robert C., assignor.
Zwald, Adolph, assignor.
Ideal Novelty & Toy Co.: *See*—
Drescher, Theodore O., assignor.
Szrajer, Mieczyslaw, assignor.
Ignall, Theodore J., Great Neck, assignor to Etched Products Corporation, Long Island City, N. Y. Perpetual calendar. 140,313; Feb. 13.
Ikelheimer, Irwin M., New York, N. Y. Corner piece for containers. 141,940; July 31.
Illinois Watch Case Co.: *See*—
Muller-Munk, Peter, assignor.
Teague, Walter D., assignor.
Imberman, Jonas F., Los Angeles, Calif. Face guard for sewing machine operators. 142,864; Nov. 13.
Independent Lock Company: *See*—
Nehls, Charles H., assignor.
Ingersoll, Fred M., Boston, Mass., assignor to McCray Refrigerator Company, Kendallville, Ind. Merchandise display cabinet. 142,865; Nov. 13.
Ingersoll Limited: *See*—
Nutter, R. T., and Lord, assignors.
Ingle, John J., Colville, Wash. Dental press. 143,074; Dec. 4.
Ingram, Thomas R., Glen Ellyn, assignor to Groves & Ingram, Chicago, Ill. Slipper or similar article. 140,325; Feb. 13.
Ingwer, Carl H., Elyria, Ohio. Pipe cutting tool. 143,075; Dec. 4.
Ingwer, Max, assignor to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Sewing machine vise. 140,932; Apr. 17.
Ingwer, Max, assignor to Consolidated Sewing Machine & Supply Co., Inc., New York, N. Y. Chalk marker 140,953; Apr. 24.
International Association of Lions Clubs: *See*—
Jones, Melvin, assignor.
International Detrola Corporation: *See*—
Girard, Alexander H., assignor.
International Plastic Corporation: *See*—
Preble, Harry, Jr., assignor.
International Silver Company: *See*—
Helander, Lillian V. M., assignor.
International Standard Electric Corporation: *See*—
Deakin, Gerald, assignor.
McLarn, E. S., and Kolmes, assignors.
Interstate Aircraft and Engineering Corp.: *See*—
Schuler, Carl J., assignor.
Sloan, Donald I., assignor.
Interstate Aircraft and Engineering Corporation: *See*—
Hite, W. A., Harvuot, and Williams, assignors.
Inverne, Harry, assignor to Barberry Fashions, Inc., New York, N. Y. Detachable collar. 139,997; Jan. 9.
Ireys, Meredith S., Lancaster, Pa. Bottle or similar article. 140,210; Jan. 30.
Irvine, Charles R.: *See*—
Fontaine, A. P., and Irvine.
Irwin Corporation: *See*—
Peruggi, Ernest, assignor.
Irwin, Neel S., Cleveland Heights, Ohio. Sectional display table unit. 141,547; June 12.
Isbell, Vernon M., Fort Worth, Tex. Shampoo basin. 140,095; Jan. 23.
Isgrig, Glenn W., Cincinnati, Ohio. Projectile-dropping bomb-sight toy. 141,207; May 15.
Israel, George L., Chicago, Ill. Camera. 141,846; July 10.
Jack & Heintz, Inc.: *See*—
Cavanagh, Gerald F., assignor.
Heintz, Ralph M., assignor.
Jackson, Brice L., East Orange, N. J. Ash tray or similar article. 141,992; Aug. 7.
Jacobson, Alfred M., Houston, Tex. Clothespin. 140,443; Feb. 27.
Jacobson, Alfred M., Houston, Tex. Can opener. 140,631; Mar. 20.
Jacobson, Alfred M., Houston, Tex. Clothespin. 140,729; Apr. 3.
Jacobson, Alfred M., Houston, Tex. Combined air vent and fluid outlet can punch. 141,239; May 15.
Jacobson, Alfred M., Houston, Tex. Bottle carrier. 142,783; Nov. 6.
Jacobson, Louis, New York, N. Y. Eyeglass frame. 140,253; Feb. 6.
Jacobson, Louis, New York, N. Y. Eyeglass frame. 140,690; Mar. 27.
Jakopets, Gyurd E. B., Chicago, Ill. Permutation padlock. 142,481; Oct. 2.
Jakosky, John J., Los Angeles, Calif. Golf club head. 140,892; Apr. 17.
Jakosky, John J., Los Angeles, Calif. Golf club head. 140,893; Apr. 17.
Jamieson, William, Minneapolis, Minn. Game board. 141,880; July 31.
Jankas, Anton P., Chicago, Ill. Tie rack or similar article. 142,031; Aug. 14.
Jansky, Charles G., Riverside, assignor to Bee-Jay Products Company, Chicago, Ill. Figure toy. 141,525; June 12.
Jaques, John C., Denison, Tex. Quick-way cable take-up. 141,922; July 31.
Jasper Desk Company: *See*—
Daniels, Elmer H., assignor.
Jasper, Lane, South Pasadena, Calif. Game board. 142,345; Aug. 28.
Jenkins, Clarke, Detroit, Mich. Game board. 140,910; Apr. 17.
Jenkins, Frances R., Baxter Springs, Kans. Doll. 142,213; Aug. 21.
Jensen, Volmer S., Glendale, assignor to California Aero Glider Co., Inc., Los Angeles, Calif. Glider airplane. 139,998; Jan. 9.
Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car body. 143,322; Dec. 25.
Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car body. 143,323; Dec. 25.
Jergenson, George A., assignor to General Motors Corporation, Detroit, Mich. Railway car. 143,324; Dec. 25.
Jerry, Carl R., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Spectacle case. 140,142; Jan. 30.
Jeske, Harold C., et al.: *See*—
Hitzeman, Henry C., assignor.
Joesting, Harry F.: *See*—
Le Claire, Eugene J., assignor.
Johann, Albert S., Milwaukee, Wis. Sheet metal repair hammer. 141,566; June 12.
Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Portable foldable grill. 142,866; Nov. 13.
Johanson, Sten: *See*—
Case, P. H., and Johanson.
John, Edward T., Minneapolis, Minn. Extension ladder hook. 141,553; June 12.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,077; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,078; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,079; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,080; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,081; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,082; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,083; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,084; Aug. 14.
Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,085; Aug. 14.

Johnson, Alice M., New York, N. Y. Brooch or similar article. 142,086; Aug. 14.
Johnson, Alice M., New York, N. Y. Clip or similar article. 142,087; Aug. 14.
Johnson, Alice M., New York, N. Y. Clip or similar article. 142,088; Aug. 14.
Johnson, Clarence K., assignor to Electric Steel Foundry, Portland, Oreg. Pintle chain. 141,712; June 26.
Johnson, Clarence K., assignor to Electric Steel Foundry, Portland Oreg. Pintle chain. 141,713; June 26.
Johnson, Clarence L.: *See*—
Hibbard, H. L., and Johnson.
Johnson, Eugene L., Jr., Utica, N. Y., assignor to Utica Drop Forke & Tool Corporation. Pair of pliers or similar article. 142,867; Nov. 13.
Johnson, George V., assignor to Hyster Company, Portland, Oreg. Vehicle-mounted crane. 140,662; Mar. 27.
Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Industrial truck. 142,641; Oct. 23.
Johnson, Herbert S., Chicago, Ill. Combined picture frame and what-not or similar article. 140,118; Jan. 23.
Johnson, Mead, & Company: *See*—
Windbiel, Joseph C., assignor.
Johnson, Myron A. C., Coral Gables, Fla. Salt shaker or similar article. 140,339; Feb. 13.
Johnson, Myron A. C., Coral Gables, Fla. Bottle opener. 141,816; July 10.
Johnson, Myron A. C., Coral Gables, Fla. Combination bottle cap remover and cork screw. 141,817; July 10.
Johnson, Ripley A., Los Angeles, Calif. Popcorn vending stand. 141,711; June 26.
Johnson, Walfred, Racine, Wis. Mailbox. 140,425; Feb. 27.
Johnson, Wally, Los Angeles, Calif. Knitted skirt. 140,119; Jan. 23.
Johnson, William B., Easley, S. C. Closure cap. 141,764; July 3.
Johnston, Joseph E., Alamosa, Colo. Peg for holding vines upon the soil. 140,295; Feb. 6.
Johnston, Robert A., Company: *See*—
Romadka, John. assignor.
Jones, Arthur E., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 142,239; Aug. 21.
Jones, Dwight C., Whittier, assignor to Zephyr Manufacturing Co., Inglewood, Calif. Cigarette lighter. 142,784; Nov. 6.
Jones, George W., assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 142,417; Sept. 25.
Jones, George W., assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 142,418; Sept. 25.
Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Adjustable swivel chair or analogous article. 140,464; Feb. 27.
Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Adjustable office chair or analogous article. 140,478; Feb. 27.
Jones, John S., St. Louis, Mo. Finger support for manicuring operations. 140,254; Feb. 6.
Jones, Joseph F., Cortland, N. Y. Child's aerovelocipede. 142,089; Aug. 14.
Jones, Joseph H., Detroit, Mich. Amusement device. 142,562; Oct. 16.
Jones, Melvin, assignor to International Association of Lions Clubs, Chicago, Ill. Charm or the like. 139,941; Jan. 2.
Jones, Melvin, assignor to International Association of Lions Clubs, Chicago, Ill. Charm or the like. 139,942; Jan. 2.
Jones, Ralph W., St. Paul, Minn. Wheeled toy. 141,174; May 8.
Jones, Theodore C., Louisville, Ky. Electrolytic water purifier. 141,765; July 3.
Jordan, Doris: *See*—
Poggi, A., Jordan, and Chuka.
Jordan, Eugene P., Los Angeles, Calif. Valve housing for water softeners. 140,770; Apr. 10.
Jordan, Lawrence B., Portland, Oreg. Bandana. 140,691; Mar. 27.
Josephson, Archie: *See*—
Sharp, Ewing L., assignor.
Joyce, William H., Hollis, N. Y. Bottle and can opening tool. 140,817; Apr. 10.
Joyce, William J., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Pair of spectacles. 140,506; Mar. 6.
Judd, Clifford W., Rochester, N. Y. Toy. 142,321; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,322; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,323; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,324; Aug. 28.
Judd, Clifford W., Rochester, N. Y. Toy. 142,325; Aug. 28.
Judell, Julius S., Shorewood, Wis. Spout or similar article for plumbing fixtures. 140,692; Mar. 27.
Judell, Julius S., Shorewood, Wis. Casing or similar article for plumbing fixtures. 140,693; Mar. 27.
Juelss, David, Brooklyn, N. Y., assignor to American Lead Pencil Company, Hoboken, N. J. Nib section for a fountain pen. 142,170; Aug. 14.
Jufe, Bernard, New York, N. Y. Chair or similar article. 140,751; Apr. 3.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 140,176; Jan. 30.
Jung, Henry J., Milwaukee, Wis. Earring or similar article. 142,144; Aug. 14.
Jung, Henry J., Milwaukee, Wis. Finger ring. 142,868; Nov. 13.
Jury, Albert E., Clearfield, Pa. Rocking horse. 142,346; Aug. 28.
Kahn. David, Englewood, assignor to David Kahn, Inc., North Bergen, N. J. Fountain pen. 141,588; June 12.
Kahn, David, Inc.: *See*—
Kahn, David, assignor.
Kaiser, John, Jr., Cicero, assignor to Sheridan Electronics Corporation, Chicago, Ill. Coffee maker. 140,444; Feb. 27.
Kaiser, Robert A.: *See*—
Kartveli, A., and Kaiser, assignors.
Kalamazoo Stove and Furnace Company: *See*—
Daming, Roy E., assignor.
Kalina, Saul, and I. Kamens, New York, N. Y. Finger ring or similar article. 140,177; Jan. 30.
Kalisz, Steve, Chicago, Ill. Toy whistling windmill. 142,563; Oct. 16.
Kamens, Irving: *See*—
Kalina, S., and Kamens.
Kantor, Norman E., New York, N. Y. Combined ash tray and cigarette server, or the like. 143,325; Dec. 25.
Kaphan, Ludwig, Brooklyn, N. Y. Handbag. 141,208; May 15.
Kaphan, Ludwig, Brooklyn, N. Y. Handbag. 142,482; Oct. 2.
Kapteyn, Edwin J., Los Angeles, Calif. Combined heel and platform for a shoe or similar article. 139,951; Jan. 9.
Karlin, Samuel A., Chicago, Ill. Inlay puzzle plaque. 141,740; July 3.
Karoff, Robert B., New York, N. Y. Combined display containers and bottles. 141,240; May 15.
Karp, Jack, Brooklyn, N. Y. Shoe protector. 141,741; July 3.
Karp, Sol, New York, N. Y Coat or similar article. 143,209; Dec. 18.
Karp, Sol, New York, N. Y. Coat or similar article. 143,210; Dec. 18.
Karpfen, Alfred, New York, N. Y. Doll. 140,585; Mar. 13.
Karstadt, Clarence, Chicago, Ill., assignor to Birtman Electric Company. Electric sadiron. 140,096; Jan. 23.
Karstadt, Clarence, Glen Ellyn, Ill., assignor to Birtman Electric Company. Sadiron. 141,456; June 5.
Kartveli, Alexander, Huntington Station, and R. A. Kaiser, Bayside, Long Island, N. Y., assignors to Republic Aviation Corporation. Airplane. 142,955; Nov. 20.
Kather, Alfred C., Sioux City, Iowa. Propeller blade. 141,209; May 15.
Katz, Abraham M., Freeport, N. Y. Blouse. 140,267; Feb. 6.
Katz, Abraham M., Freeport, N. Y. Dress. 142,869; Nov. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 140,014; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,015; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,016; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,017; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,018; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,019; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,020; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 140,021; Jan. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Pin clip. 140,143; Jan. 30.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 140,326; Feb. 13.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 140,602; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 140,603; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,604; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,605; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,606; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,607; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,608; Mar. 20.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 140,609; Mar. 20.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,940; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,941; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,942; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,943; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,944; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,945; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,946; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,947; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 140,948; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,949; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,950; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 140,951; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,952; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin or similar article. 140,999; Apr. 24.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 141,045; May 1.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,073; May 1.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,116; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 141,117; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,118; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 141,119; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,120; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 141,121; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet. 141,122; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,180; May 8.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,345; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,346; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,347; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 141,348; May 22.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,457; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,467; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,468; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,469; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,470; June 5.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,637; June 19.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,687; June 26.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 141,961; Aug. 7.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,183; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,184; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,185; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,186; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,187; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,188; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,189; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,190; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,191; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,192; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 142,193; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,200; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,201; Aug. 14.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,214; Aug. 21.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring or similar article. 142,419; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,420; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,421; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,422; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,423; Sept. 25.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,483; Oct. 2.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 142,564; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Bracelet or similar article. 142,565; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 142,566; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,567; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,568; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,569; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,570; Oct. 16.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,642; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,643; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Clip or similar article. 142,644; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,645; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,646; Oct. 23.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,211; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,212; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,213; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,214; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,215; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,216; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,217; Dec. 18.

Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,218; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,219; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,220; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,221; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 143,222; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 143,223; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch or similar article. 143,224; Dec. 18.
Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Earring. 143,225; Dec. 18.
Katz, Ludwig, Providence, R. I. Combination cigarette case and compact. 142,870; Nov. 13.
Katz, Peter A.: *See*—
Leifer, P. W., and Katz.
Katz, Philip, Riverside, Calif. Eyeglass lens. 140,610; Mar. 20.
Katz, Philip, Riverside, Calif. Spoon or other article of flatware. 140,911; Apr. 17.
Katz, Philip, Riverside, Calif. Knife or other article of flatware. 142,090; Aug. 14.
Katz, Philip, Riverside, Calif. Knife or other article of flatware. 142,091; Aug. 14.
Katz, Philip, Riverside, Calif. Knife or other article of flatware. 142,092; Aug. 14.
Kauders, Gustave, Forest Hills, N. Y. Chandelier. 142,871; Nov. 13.
Kaufman, Carol S., Clayton, Mo. Infant's sleeping garment. 140,663; Mar. 27.
Kaufman, Harry, New York, N. Y. Combined vestee and hood. 142,326; Aug. 28.
Kaufman, Louis, New York, N. Y. Handbag. 143,226; Dec. 18.
Kaufman, Louis, New York, N. Y. Handbag. 143,227; Dec. 18.
Kaufman, Paul, New York, N. Y. Brooch or similar article. 142,647; Oct. 23.
Kaufman & Ruderman, Inc.: *See*—
De Marco, Louis, assignor.
Kaufman, Samuel, Boston, Mass. Watch strap or similar article. 142,215; Aug. 21.
Kautz, Edward F., Detroit, Mich. Garbage receptacle. 142,424; Sept. 25.
Kavaler, Bernard, Co., et al.: *See*—
Solomon, Robert, assignor.
Kavaler, Bernard, et al.: *See*—
Solomon, Robert, assignor.
Kawneer Company, The: *See*—
Ketchum, Morris, Jr., assignor.
Kay, Leo L., Milwaukee, Wis. Combined letter opener and magnifier. 141,210; May 15.
Keating, Martin C., Burbank, Calif. Desk ornament. 142,284; Aug. 21.
Keene, Lillian N., Libertyville, Ill. Display box for holding an electric shaver or similar article. 141,766; July 3.
Keene, Walter E., Baltimore, Md. Lighter. 143,006; Nov. 27.
Keeney, Frances, assignor to Hall Brothers, Incorporated, Kansas City, Mo. Figurine or similar article. 141,046; May 1.
Kehle, Ottmar A., West Los Angeles, Calif., assignor to Adel Precision Products Corp. Hydraulic selector valve. 139,952; Jan. 9.
Keller, Adolph, Glendale, Mo. Toy cannon. 141,010; Apr. 24.
Keller, Ernest, Trenton, N. J. Refrigerator cabinet. 142,715; Oct. 30.
Keller, Nicholas W., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Pressure cooker. 142,716; Oct. 30.
Keller, Nicholas W., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Relief valve for pressure cookers or the like. 142,717; Oct. 30.
Kellerman, Murray, Brooklyn, N. Y. Toy musical merry-go-round. 143,076; Dec. 4.
Kelly, Allan O., Carlsbad, Calif. Airplane. 140,120; Jan. 23.
Kelly, Allan O., Carlsbad, Calif. Airplane carrier. 140,355; Feb. 13.
Kelly, Joseph A., New York, N. Y. Luminous pendant or similar article. 142,285; Aug. 21.
Kemp, E. F., Inc.: *See*—
Gauvreau, Joseph E., assignor.
Kemp, Grace, New York, N. Y. Surgical mask. 141,604; June 19.
Kempf, Herman H., Garden City, N. Y. Razor handle. 143,326; Dec. 25.
Kendall, William A., Winston-Salem, N. C. Pressure cooker or the like. 141,818; July 10.
Kendall, William A., Winston-Salem, N. C. Pressure cooker or the like. 141,819; July 10.
Kendall, William A., Winston-Salem, N. C. Pressure cooker or the like. 141,820; July 10.
Kende, George, Dobbs Ferry, assignor to Universal Camera Corporation, New York, N. Y. Binocular. 140,730; Apr. 3.
Kennedy, Kenneth J., South San Francisco, Calif. Scraper attachment for live booms. 142,093; Aug. 14.
Kerby, Alex, Lakewood, Ohio. Tray. 142,872; Nov. 13.
Kerkling & Company: *See*—
Hoop, Philip E., Jr., assignor.
Kern, Mamie: *See*—
Lattos, P. G., and Kern.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,047; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,048; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,049; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Molding for store fronts. 141,050; May 1.
Ketchum, Morris, Jr., New York, N. Y., assignor to The Kawneer Company, Niles, Mich. Facing for awning boxes, bulkheads, or similar articles. 141,051; May 1.
Keuffel & Esser Company: *See*—
Bolter, Ward H., assignor.
Keuper, Harry W., Fort Thomas, Ky., assignor to G. H. Lackner, Cincinnati, Ohio. Condiment receptacle. 142,032; Aug. 14.
Keystone View Company: *See*—
Hamilton, George E., assignor.
Kidner, Charles E., Old Greenwich, Conn. Hand monocular viewer. 141,181; May 8.
Kiff, Earl, Attleboro, Mass., assignor to L. G. Balfour Company. Finger ring. 139,912; Jan. 2.
Kiff, Earl, Attleboro, Mass., assignor to L. G. Balfour Company. Shank for a finger ring. 139,943; Jan. 2.
Kimball, Donald E., Cleveland Heights, Ohio. Eye shield. 143,077; Dec. 4.
Kimbel Glass Company: *See*—
Hoyer, Arnold Z., assignor.
Kincses, Maria, Cleveland, Ohio. Headdress. 141,781; July 3.
King Leathers Incorporated: *See*—
Gerth, Ruth, assignor.
Kinney Aluminum Company: *See*—
Shaeffer, Norbert, assignor.
Kiplock, Peter, Brooklyn, N. Y. Ship's lamp. 141,063; May 1.
Kirkpatrick, Francis McK., assignor to Durham Manufacturing Corporation, Muncie, Ind. Rocking chair. 142,094; Aug. 14.
Kirsch, Hyman S., Woodmere, N. Y. Combined identification tag and money clip. 142,718; Oct. 30.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,053; Jan. 16.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,054; Jan. 16.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,731; Apr. 3.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,732; Apr. 3.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,733; Apr. 3.
Kirsch, Louis, Brooklyn, N. Y. Clothes hanger. 140,734; Apr. 3.
Kissling, Edmund D., New York, N. Y. Picture frame. 142,484; Oct. 2.
Kissling, Edmund D., New York, N. Y. Picture frame or the like. 142,719; Oct. 30.
Kissling, Edmund D., New York, N. Y. Reversible picture frame or the like. 142,720; Oct. 30.
Kissling, Edmund D., New York, N. Y. Picture frame or the like. 143,007; Nov. 27.
Klainbard, Isidore, New York, N. Y. Flat brim holder for spiral stitching of hats. 140,383; Feb. 20.
Klassen, Walter J.: *See*—
Browne, H. O., and Klassen.
Klauber, Chester D., assignor to The Fairfacts Company, Inc., New York, N. Y. Combined tumbler and toothbrush holder. 141,491; June 5.
Klein, Alexander, New York, N. Y. Ring. 140,548; Mar. 6.
Klein, Gustav, Elkins Park, Pa. Handle for stove door or similar article. 140,964; Apr. 24.
Klein, Hugo, Hoboken, N. J. Applique emblem or the like. 140,641; Mar. 20.
Kleinitz, Mollie, New York, N. Y. Combined girdle and brassière. 141,993; Aug. 7.
Klingelhofer, Albert W., Burbank, Calif. Butter measuring knife. 140,818; Apr. 10.
Klonne, Albert B., Cincinnati, Ohio. Electric iron. 142,648; Oct. 23.
Klyce, Stephen D., Lexington, assignor to Walsh Engineering Services, Inc., Cambridge, Mass. Ash tray. 142,425; Sept. 25.
Knaus, Nicholaus, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cloth-plate for a sewing machine. 142,426; Sept. 25.
Knight, George C., et al.: *See*—
Wilson, James E., assignor.

Knight Slipper Mfg. Corp.: *See*—
Huff, Basil D., assignor.
Knobel, Irvin, Osseo, Minn. Clamp. 141,962; Aug. 7.
Knobloch, Chester T., Detroit, Mich. Game board. 139,868; Jan. 2.
Knoll, H. G., Associates: *See*—
Risom, Jens, assignor.
Knoll, Hans G., New York, N. Y. Chair frame. 141,211; May 15.
Knorr, Camillo A., East Orange, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Field telephone. 142,873; Nov. 13.
Know Your Bible Company: *See*—
Tatar, Frank, assignor.
Knutson, Harry, assignor to American Hoist & Derrick Co., St. Paul, Minn. Winch. 141,471; June 5.
Koch, Ernest E., Forest Hills, N. Y. Jewelry case. 140,097; Jan. 23.
Koch, Ernest E., Forest Hills, N. Y. Writing case. 140,098; Jan. 23.
Koch, William P., assignor to Chicago Die Casting Manufacturing Company. Fruit juice extractor. 140,819; Apr. 10.
Koenig, Aaron, Far Rockaway, N. Y. Finger ring. 140,231; Feb. 6.
Kogan, David T., New York, N. Y. Boy's suit. 140,071; Jan. 16.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 142,274; Aug. 21.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 142,275; Aug. 21.
Kohen, Jack J., South Bend, Ind. Clothes hamper. 142,649; Oct. 23.
Kohn, Julius: *See*—
Kolberg, A., and Kohn.
Kolberg, Abner, Mount Vernon, and J. Kohn, New York, assignors to Pioneer Watch Case Co., Inc., Mount Vernon, N. Y. Lighter. 140,735; Apr. 3.
Kolmes, Max G.: *See*—
McLarn, E. S., and Kolmes.
Konhauzer, David, New York, N. Y. Suit ensemble. 140,694; Mar. 27.
Korn, Estol P., Houston, Tex. Radiator grill for motor vehicles. 140,912; Apr. 17.
Koster, Margaret R., Brooklyn, N. Y. Safety holder for babies. 140,933; Apr. 17.
Kotkins, Henry L.: *See*—
Tobey, Robert D., assignor.
Kotzin, Tobias, Los Angeles, Calif. Trousers. 140,465; Feb. 27.
Koven, Marc I., Brooklyn, N. Y. Pin or similar article. 142,485; Oct. 2.
Koven, Marc I., Brooklyn, N. Y. Pin or similar article. 142,486; Oct. 2.
Krass, William D., Chicago, Ill. Combined coaster and tray. 139,954; Jan. 9.
Kreisler, Jacques, Manufacturing Corporation: *See*—
Cole, Helen D., assignor.
Cole, H. D., and Diehl, assignors.
Kricker, George E.: *See*—
Fitz Gerald, H. R., and Kricker.
Kritske, Victor J., assignor to W. H. Murphy, executor of H. L. De Lisle, doing business as Engineering Sales Company, Sheboygan, Wis. Drafting board. 141,526; June 12.
Kroll, Nathan J.: *See*—
Kroll, Samuel and N. J.
Kroll, Samuel and N. J., Chicago, Ill. Carriage hood. 142,785; Nov. 6.
Kropatkin, Natalie, Bronx County, N. Y. Combination doll, dressing table, and laundry bag. 140,378; Feb. 20.
Kropatkin, Natalie, Bronx, N. Y. Screen for a doll's house. 141,923; July 31.
Kroto, Hans J., Cambridge, Mass. Shoe or similar article. 140,820; Apr. 10.
Krueger, Richard G., Inc.: *See*—
Carver, Alice K., assignor.
Krupp, Herbert W., Racine, Wis. Condiment server. 141,276; May 15.
Kuchta, Stephen, Bronx, assignor to V. P. M. J. Le Pane, Jamaica, N. Y. Combination mantelpiece and bar or similar article. 140,507; Mar. 6.
Kuettel, John J., and J. M. Lawler, St. Paul, Minn. Bottle carrier. 140,340; Feb. 13.
Kuffel, Lambert A., Chicago, Ill. Radio dial. 142,216; Aug. 21.
Kuffel, Lambert A., Chicago, Ill. Radio dial. 142,258; Aug. 21.
Kuffel, Lambert A., Chicago, Ill. Radio dial. 142,259; Aug. 21.
Kuhlman, Carl A., assignor to York Hoover Corporation, York, Pa. Casket lid. 140,314; Feb. 13.
Kuhn, Emil, Wichita Falls, Tex. Brooch or the like. 139,944; Jan. 2.
Kunett, Rudolph P., West Hartford, assignor to G. F. Heublein & Bro. Inc., Hartford, Conn. Bottle. 141,023; Apr. 24.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 139,999; Jan. 9.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 140,000; Jan. 9.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 140,001; Jan. 9.
Kuznetz, Samuel, New York, N. Y. Lady's suit. 142,874; Nov. 13.
Lacey, Roscoe B.: *See*—
Siemers, Eric, assignor.
Lackner, George H.: *See*—
Keuper, Harry W., assignor.
Ladwig, Bernice D., Marietta, Minn. Cement plate for building walls. 140,099; Jan. 23.
La Forest, Louis Z.: *See*—
Cann, C. W., and La Forest.
La Forest, Louis Z., Parsippany-Troy Hills Township, Morris County, and R. M. Somers, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Dictating machine cabinet. 140,913; Apr. 17.
La Forte, Michael J., Park Ridge., assignor to Vaughan Novelty Mfg. Co., Chicago, Ill. Can opener. 143,327; Dec. 25.
Lake, William W., et al.: *See*—
Swanson, Ray, assignor.
Lamb, Lena R., Dallas, Tex. Doll. 141,249; May 15.
Lambach, Adolph D., Chicago, Ill. Combined radio and phonograph cabinet. 140,379; Feb. 20.
Lambert, Guy W., Jasper, Ind. Fly swatter or similar article. 142,428; Sept. 25.
Lambert, Henry L., New York, N. Y., and W. Cole, Ridgefield Park, N. J. Bill clip or similar article. 142,571; Oct. 16.
Lamotte, Bernard, assignor to Pinaud Incorporated, New York, N. Y. Box or similar article. 142,095; Aug. 14.
Landis Tool Company: *See*—
Price, D. F., Balsiger, and Hollengreen, assignors.
Landy, Marion, New York, N. Y., assignor to Rollins Hosiery Mills, Inc., Des Moines, Iowa. Slip or similar article. 140,341; Feb. 13.
Lane, Edith T., Los Angeles, Calif. Clothespin. 140,479; Feb. 27.
Lane, Ernest B., Windsor, Ontario, Canada. Name plate. 141,083; May 1.
Langan, Thomas, Annapolis, Md. Bilge pump or similar article. 143,078; Dec. 4.
Langan, Thomas, Annapolis, Md. Bilge pump or similar article. 143,079; Dec. 4.
Langbert, H. Thomas, New York, N. Y. Dress. 140,409; Feb. 20.
Lannon, Maurice F. and M. E., North Hollywood, Calif. Button. 142,217; Aug. 21.
Lannon, Mildred E.: *See*—
Lannon, Maurice F. and M. E.
Lantau, Alfred H., Philadelphia, Pa. Emblem badge. 141,212; May 15.
Lantz, Walter, Universal City, Calif. Doll or similar article. 140,380; Feb. 20.
Lanyon, William C., Waukegan, Ill. Seal cutter for bottles, or similar article. 142,202; Aug. 14.
Laplant-Choate Manufacturing Co., Inc.: *See*—
Rockwell, Harvey W., assignor.
Larkin, Wilbur B.: *See*—
Norquist, V. C., and Larkin.
Larsen, Olai F., Jr., Demarest, N. J., assignor to Noma Electric Corporation, New York, N. Y. Ball operated toy or small article. 141,447; June 5.
Larson, Carl E., Indianapolis, Ind. Cabinet for amusement device. 140,567; Mar. 13.
La Salle, Ernest V.: *See*—
Running, G. L., and La Salle.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Toy animal figure. 141,000; Apr. 24.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Toy locomotive. 141,094; May 8.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Wheeled toy. 142,302; Aug. 28.
Laskey, Louise R., Kew Gardens, assignor to Manning Industries, Inc., New York, N. Y. Wheeled toy. 142,303; Aug. 28.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,352; Feb. 13.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,353; Feb. 13.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,354; Feb. 13.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit or similar article. 140,529; Mar. 6.
Laszlo, Margit F., assignor to Cole of California Inc., Los Angeles, Calif. Swim suit. 140,752; Apr. 3.
Latshaw, Fred F., Altadena, Calif. Massager. 140,384; Feb. 20.
Latshaw, Fred F., Altadena, Calif. Food beater. 140,530; Mar. 6.
Latshaw, Fred F., Altadena, Calif. Food shredder. 141,899; July 31.
Latshaw, Fred F., Altadena, Calif. Food beater. 141,900; July 31.
Latshaw, Fred F., Altadena, Calif. Safety view mirror. 142,248; Aug. 21.
Lattos, Pear G., and M. Kern, Chicago, Ill. Doll. 140,178; Jan. 30

Lavalle, John, U. S. Army, assignor to The United States of America, as represented by the Secretary of War. Scarf. 140,144; Jan. 30.
Lawler, John M.: *See*—
Kuettel, J. J., and Lawler.
Lawn, Henry M.: *See*—
Geluso, Sebastian J., assignor.
Lawson, George S., St. Clair Shores, Mich., assignor to Sloan Valve Company, Chicago, Ill. Flush valve housing. 142,721; Oct. 30.
Lawson, William O., Montclair, N. J. Box or similar article. 140,632; Mar. 20.
Layton, William W., Columbus, Ohio. Combination photo mount and compartment or article of similar nature. 143,008; Nov. 27.
Lear, Incorporated: *See*—
Bruland, Raymond V., assignor.
Lear, William P., assignor.
Lear, W. P., and Wehner, assignors.
Skaglund, Harry A., assignor.
Wehner, John M., assignor.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Electric motor-driven rotary actuator unit. 140,204; Jan. 20.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Rotary actuator unit for movable parts of an aircraft 140,211; Jan. 30.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Position selector and indicator for movable parts of an aircraft or similar article. 140,276; Feb. 6.
Lear, William P., North Hollywood, Calif., assignor, by mesne assignments, to Lear, Incorporated, Piqua, Ohio. Combined remote control and position indicator for airplane parts. 140,508; Mar. 6.
Lear, William P., North Hollywood, Calif., assignor to Lear, Inc., Piqua, Ohio. Combined remote control and position indicator for airplane parts. 140,509; Mar. 6.
Lear, William P., North Hollywood, Calif., assignor to Lear, Inc., Piqua, Ohio. Rotary actuator for movable parts of an aircraft or the like. 141,554; June 12.
Lear, William P., North Hollywood, and J. M. Wehner, Culver City, Calif., assignors to Lear, Incorporated, Piqua, Ohio. Automatic actuator for airplane wing flaps. 143,080; Dec. 4.
Learman, Frank A., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Portable airplane hangar. 140,100; Jan. 23.
Le Barre, Douglas C., Santa Monica, Calif. Toy cannon. 142,427; Sept. 25.
Le Bouedec, Francine, New York, N. Y. Hat. 140,611; Mar. 20.
Le Bouedec, Francine, New York, N. Y. Hat. 140,612; Mar. 20.
Le Bouedec, Francine, New York, N. Y. Hat. 140,613; Mar. 20.
Leckinger, Leon L., Los Angeles, Calif. Combined drilling and tapping machine. 140,664; Mar. 27.
Le Claire, Eugene J., assignor to H. F. Joesting, St. Paul, Minn. Combined pressure cooker door and securing apparatus. 143,081; Dec. 4.
Lecomowitz, Morris, Philadelphia, Pa. Hobby horse. 141,932; July 31.
Lederer, George J., Providence, R. I. Bracelet. 142,314; Aug. 28.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 142,956; Nov. 20.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 142,957; Nov. 20.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 142,958; Nov. 20.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 143,147; Dec. 11.
Lederer, George J., assignor to Providence Stock Company, Providence, R. I. Bracelet. 143,328; Dec. 25.
Lederman, Georg E., assignor of one-half to J. L. Shaw, New York, N. Y. Link chain for a bracelet or similar article. 140,552; Mar. 13.
Lederman, Georg E., assignor of one-half to J. L. Shaw, New York, N. Y. Link chain for a bracelet or similar article. 140,553; Mar. 13.
Leduc, Marcel, Rochester, N. Y. Combined bottle and container. 142,276; Aug. 21.
Lee, Bert, Sacramento, Calif. Fan propeller. 142,260; Aug. 21.
Lee, Bert, Sacramento, assignor to Bert Lee Laboratories, Inc., Beverly Hills, Calif. Fan propeller. 142,959; Nov. 20.
Lee, Bert, Sacramento, assignor to Bert Lee Laboratories, Inc., Beverly Hills, Calif. Fan propeller. 142,960; Nov. 20.
Lee, Bert, Laboratories, Inc.: *See*—
Lee, Bert, assignor.
Lee Knitwear Corp.: *See*—
Sheldrick, Mabel, assignor.
Lefcourte, Albert, New York, N. Y. Combined display stand and nail polish container or similar article. 140,876; Apr. 17.
Lefebre, Edward A., Jamaica, N. Y. Box. 140,866; Apr. 10.
Lehmberg, William H., Newton Centre, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Facepiece for gas masks or respirators. 142,203; Aug. 14.
Leichter, Newton S., Beverly Hills, assignor to Clary Multiplier Corporation, Los Angeles, Calif. Casing for a calculating machine or the like. 141,213; May 15.
Leichter, Newton S., Beverly Hills, and H. L. Clary, Pasadena, assignors to Clary Multiplier Corporation, Los Angeles, Calif. Casing for a calculating machine. 141,214; May 15.
Leifer, Philip W., and P. A. Katz, New York, N. Y. Garment hanger. 140,399; Feb. 20.
Leipper, William, assignor to M. G. Sampson, Seattle, Wash. Smoking pipe. 142,572; Oct. 16.
Lelgemann, William, Grill, Pa. Fluid fuel burning steam and hot water generating unit. 142,218; Aug. 21.
Le Long, Lucien, Inc.: *See*—
Buckingham, John D., assignor.
Norman, Emile, assignor.
Lelong, Lucien, Inc.: *See*—
Norman, Emile, assignor.
Lemle, Irwin W., Chicago, Ill. Plaque. 141,963; Aug. 7.
Lennart, Joseph B., Marietta, Ohio. Toy bank or similar article. 141,280; May 15.
Lenhart, Joseph B., Marietta, Ohio. Toy bank or similar article. 142,347; Aug. 28.
Leonard, Otto W., Lynchburg, Ohio. Milk can cart. 143,329; Dec. 25.
Le Pane, V. P. Michael J.: *See*—
Kuchta, Stephen, assignor.
Lepore, Pasquale J., Somerville, Mass. Surface mounted fluorescent lamp fixture. 140,303; Feb. 6.
Lepore, Pasquale, J., Somerville, Mass. Fluorescent lamp fixture. 142,429; Sept. 25.
Lerman, Abraham P., Chicago, Ill. Novelty wall plaque. 141,767; July 3.
Lerner, George: *See*—
Gilbert, S., and Lerner.
Lerner, George, and S. Gilbert, Los Angeles, Calif. Toy truck. 141,964; Aug. 7.
Lervaag, Sigvald V., Little Falls, Minn. Game board. 142,523; Oct. 9.
Le Sage, Vincent C., assignor to Royal Plastic Company, Los Angeles, Calif. Compact. 140,877; Apr. 17.
Lescaze, William, New York, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Light fixture. 140,568; Mar. 13.
Lescaze, William, New York, assignor to Pass & Seymour, Inc., Syracuse, N. Y. Light fixture. 140,569; Mar. 13.
Leser, Tina, New York, N. Y. Bathing suit. 143,082; Dec. 4.
Les Parfums De Dana, Inc.: *See*—
Serra, Javier, assignor.
Lester, Joseph, New York, N. Y. Tie rack. 141,067; May 1.
Leufvenius, Karl J. G., Minneapolis, Minn. Golf tee. 141,448; June 5.
Leupold, Henry G., Cambridge, assignor to United Electric Controls Company, South Boston, Mass. Switch casing or similar article. 140,570; Mar. 13.
Le Vasseur, Thomas M., Wyoming, Minn. Welding helmet. 139,883; Jan. 2.
Levering, Jack, Tulsa, Okla. Combination utility knife and bayonet. 143,228; Dec. 18.
Levin, Benjamin E., Boston, Mass. Combination of costumer and shelf unit or similar device. 142,096; Aug. 14.
Levin, Nathan, Trenton, N. J. Tie rack. 140,121; Jan. 23.
Levinger, Herbert R., Chicago, Ill. Ash tray or the like. 141,182; May 8.
Levy, Molly, New York, N. Y. Suit. 141,492; June 5.
Levy. Molly, New York, N. Y. Suit. 141,493; June 5.
Levy, Molly, New York, N. Y. Suit. 141,981; Aug. 7.
Levy, Molly, New York, N. Y. Suit. 141,994; Aug. 7.
Levy, Molly, New York, N. Y. Suit. 142,002; Aug. 7.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,358; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,359; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,360; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,361; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,362; Feb. 13.
Levy, Morris S., Brooklyn, N. Y. Handkerchief. 140,363; Feb. 13.
Lewis, Fred H., Evanston, Ill. Knife holder. 140,002; Jan. 9.
Lewis, Fred H., Evanston, Ill. Match box holder. 141,422; May 29.
Lewis, Fred H., Evanston, Ill. Memorandum pad and pencil holder. 141,423; May 29.
Lewis, Fred H., Evanston, Ill. Towel holder. 141,424; May 29.
Lewis, Fred H., Evanston, Ill. Match box holder. 142,430; Sept. 25.
Lewis, Jack C., New York, N. Y. Font of music type. 140,364; Feb. 13.
Lewis, Max J., Forest Hills, N. Y. Perpetual calendar. 142,431; Sept. 25.
Lewis, Richard C., Winnetka, Ill. Clothesline tautener. 140,192; Jan. 30.

Lewis, Richard C., Winnetka, Ill. Toy rattle. 140,878; Apr. 17.
Lewis, William H., Altadena, Calif. Road broom frame. 143,083; Dec. 4.
Lewy, Harry, Baltimore, Md. Combination clock and radio. 141,189; May 8.
Lewyt Corporation: *See*—
Meyerhoefer, Carl E., assignor.
Libbey-Owens-Ford Glass Company: *See*—
Dieter, Walter G., assignor.
Paddock, Ormond H., assignor.
Liberty Glass Company: *See*—
Stackpole, Elmer R., assignor.
Lieber, Irving, New York, N. Y. Ring. 140,003; Jan. 9.
Lieberfield, Albert, assignor to Caron Corporation, New York, N. Y. Box or similar article. 140,736; Apr. 3.
Lind, William E., assignor to Guiberson Diesel Engine Company, Dallas, Tex. Bookend. 140,796; Apr. 10.
Lindbald, Allan P., Winchester, Mass. Communion cup tray; 140,393; Feb. 20.
Lindberg, Caryl A., Glendale, and H. W. Eckles, assignors to The Emerson Electric Manufacturing Company, St. Louis, Mo. Heater or the like. 142,219; Aug. 21.
Lindeman, Marvin C., assignor to Holland Furnace Company, Holland, Mich. Thermostat or the like. 141,688; June 26
Lindgren, Russell B., Piedmont, and C. H. Ristenpart, San Francisco, Calif., said Lindgren assignor to said Ristenpart. Desk. 142,097; Aug. 14.
Lindsay, Myrtle E., Los Angeles, Calif. Hair curler or the like. 143,330; Dec. 25.
Lindsey, Robert J., assignor to The Hydraulic Development Corporation, Inc., Mount Gilead, Ohio. Casting machine. 143,009; Nov. 27.
Lion, Leo, New York, N. Y. Foldable serving table. 142,171; Aug. 14.
Lipman, Isadore A., assignor to The Ellmore Silver Co., Inc., Meriden, Conn. Lapel pin. 141,847; July 10.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Meriden, Conn. Fork or other article of flatware. 142,786; Nov. 6.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,875; Nov. 13.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,876; Nov. 13.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,877; Nov. 13.
Lipman, Isidore A., assignor to The Ellmore Silver Company, Inc., Meriden, Conn. Fork or other article of flatware. 142,878; Nov. 13.
Lippincott, Joshua G., Scarsdale, assignor to Holophane Company, Inc., New York, N. Y. Luminaire for fluorescent and incandescent lamps. 140,107; Jan. 23.
Lippincott, Joshua G., Scarsdale, N. Y., assignor to Guth, Stern & Co., Inc. Flashlight. 142,277; Aug. 21.
Liquid Carbonic Corporation: *See*—
Goddeau, Guy F., assignor.
Lish, Sam, New York, N. Y. Hat. 140,934; Apr. 17.
Lissak, Nathan J., and J. E. Lucey, Brockton, Mass. Sandal type shoe. 142,432; Sept. 25.
Little, John M., Toledo, Ohio, assignor to Manning, Maxwell & Moore, Inc., Muskegan, Mich. Reel for electric conductor cords. 140,055; Jan. 16.
Little, John M., Toledo, assignor to Barnes Manufacturing Co., Mansfield, Ohio. Centrifugal pump. 141,581; June 12.
Littlefield, John B., Mahanoy City, J. H. Schneider, Irwin, and W. P. Yant, Murraysville, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 143,084; Dec. 4.
Littlefield, John B., Mahanoy City, J. H. Schneider, Irwin, and W. P. Yant, Murraysville, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 143,085; Dec. 4.
Livesay, Hulet L., assignor to Western Metal Specialty Company, Milwaukee, Wis. Botle case. 141,398; May 29.
Livingston, Arthur R., San Francisco, Calif. Combined watch and bracelet. 142,879; Nov. 13.
Lobley, Frederick A.: *See*—
Christner, H. F., Lobley, and Miles.
Lo Cascio, Jack J., Bayonne, N. J., assignor to Even-Pul Foundations, Inc., New York, N. Y. Brassière. 143,321; Dec. 25.
Lochridge, Bertha M., Syracuse, N. Y. Toy dog. 142,033; Aug. 14.
Lockheed Aircraft Corporation: *See*—
Hibbard, H. L., and Johnson, assignors.
Loewy Raymond: *See*—
Brainard G. C. and Loewy.
Brainard, George C., and Loewy.
Logsdon, Lewis B., Brooklyn, N. Y. Fan or similar article. 141,589; June 12.
Loman, Samuel D., assignor to Products Development, Inc., Chicago, Ill. Leg for a pedestal base. 141,888; July 31.
Loman, Samuel D., assignor to Products Development, Inc., Chicago, Ill. Pedestal base. 141,889; July 31.
Lomazzo, Edmund J., Norwalk, Conn. Lathe. 142,433; Sept. 25.
Lonergan Manufacturing Company: *See*—
Lonergan, Simon J., assignor.
Lonergan, Simon J., assignor to Lonergan Manufacturing Company, Albion, Mich. Cooler cabinet or the like. 143,148; Dec. 11.
Long, Benjamin F., Union City, N. J. Toy. 141,965; Aug. 7.
Lord, Francis R.: *See*—
Nutter, R. T., and Lord.
Loucony, Adolphe W., assignor to The E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Knife sharpener. 142,880; Nov. 13.
Louer, Harry B., Chicago, Ill. Doll's sulky. 141,527; June 12.
Love, Isidore, New York, N. Y. Suit. 140,039; Jan. 16.
Lovejoy, Charles K., Needham, Mass. Pen point. 140,695; Mar. 27.
Lovejoy, Charles K., Needham, Mass. Pen section for a fountain pen. 140,696; Mar. 27.
Lovejoy, Charles K., Needham, Mass. Fountain pen barrel. 140,697; Mar. 27.
Loverde, Thomas, San Antonio, Tex. Rotary lawn sprinkler. 140,665; Mar. 27.
Low, Martin E., Holland, Mich. Doll buggy. 140,179; Jan. 30.
Lowdermilk, Elbert, Denver, Colo. Nut bowl. 143,086; Dec. 4.
Lowengardt, Paul: *See*—
Elsas, W. D., Lowengardt, and Scheftel.
Lowenstein, Julianne F., University City, Mo. Clown doll. 141,797; July 3.
Lubienski, Paul S., Alexandria, Va. Hydroplane. 142,034; Aug. 14.
Lublin, Meyer: *See*—
Hellman, Albert A., assignor.
Lucas, Knight B., Johnson County, Kans., and J. M. Majewski, Jr., assignors to J. C. Hockery and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 140,625; Mar. 20.
Lucey, John E.: *See*—
Lissak, N. J., and Lucey.
Lucien Le Long, Inc.: *See*—
Norman, Emile, assignor.
Ludeman, Margaret M., Centerport, N. Y. Doll. 141,548; June 12.
Luebbers, Herman E.: *See*—
Rogers. J. H., and Luebbers.
Lumbard, Edward B., assignor to L. A. and T. W. Goodman and T. W. Goodman as trustee, a co-partnership doing business as L. A. Goodman Manufacturing Company, Chicago, Ill. Toy figure. 143,332; Dec. 25.
Lundy, James E., Huntington Park, Calif. Table. 142,434; Sept. 25.
Lynn, Edward M., Chicago, Ill. Eviscerating tool for fowls or the like. 140,193; Jan. 30.
Lynn, Robert M., Pasadena, Calif. Gun sight. 142,961; Nov. 20.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 140,205; Jan. 30.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,286; May 22.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,287; May 22.
Lyon, George A., Allenhurst, N. J. Hub cap or similar article. 141,288; May 22.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,289; May 22.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,494; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,495; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,496; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,497; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,508; June 5.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 141,509; June 5.
Lyon, George A., Allenhurst, N. J. Combined wheel trim ring and hub cap or similar article. 141,901; July 31.
Lyon, George A., Allenhurst, N. J. Wheel trim or similar article. 142,240; Aug. 21.
Lyon, Incorporated: *See*—
Aske, Charles B., Jr.
Lyons, Paul C., Union City, Pa. Block for use in applying tire chains. 142,220; Aug. 21.
Lytle, Earl J., assignor of one-half to C. J. McGraw, Los Angeles, Calif. Ash tray. 142,722; Oct. 30.
MacCallum, Lucretia Q., Beverly Hills, Calif. Mechanical doll. 142,172; Aug. 14.
MacCallum, Willard T., assignor to Sturdy Toy Makers, Inc., New York, N. Y. Doll carriage or similar article. 140,510; Mar. 6.
MacDonald, Rodney W., Seattle, Wash. Display rack. 143,149; Dec. 11.
Mach, Susan, Chicago, Ill. Doll. 140,004; Jan. 9.
Macht, Jack, New York, assignor to Consolidated Slipper Corp., Malone, N. Y. Slipper. 141,281; May 15.
Macht, Jack, New York, assignor to Consolidated Slipper Corp., Malone, N. Y. Slipper. 141,282; May 15.
Mack Molding Company, Incorporated: *See*—
Gronemeyer, Erich, assignor.

Macksoud, Alice, New York, N. Y. Negligee or similar article. 141,941; July 31.
Macpherson, Harold C., San Francisco, Calif. Display stand. 143,333; Dec. 25.
MacWithey, Frederick L., Plymouth, Fla. Hammer head. 140,821; Apr. 10.
Madan, Edward K., Maplewood, N. J. Soap saver. 141,011; Apr. 24.
Madan, Edward K., Maplewood, N. J. Letter opener. 141,084; May 1.
Mader, Nona, Glendale, assignor to Golden State Ceramics, Pasadena, Calif. Wall vase. 143,150; Dec. 11.
Madison-Kipp Corporation: *See*—
Runstrom, Bernhard A., assignor.
Magann, Merritt W., assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Fountain stencil brush. 140,549; Mar. 6.
Magnavox Company, The: *See*—
Stone, Leland G., assignor.
Magos, John P., Wilmette, assignor to Crane Co., Chicago, Ill. Radiant baseboard panel or the like. 141,145; May 8.
Magos, John P., Wilmette, assignor to Crane Co., Chicago, Ill. Radiant convector baseboard panel or the like. 141,146; May 8.
Mahler, John S., Glen Ridge, N. J. Beam compass. 142,573; Oct. 16.
Maibach, John J., New York, N. Y., assignor to The American Fabrics Company, Bridgeport, Conn. Tablecloth. 141,250; May 15.
Maibach, John J., New York, N. Y., assignor to The American Fabrics Company, Bridgeport, Conn. Tablecloth. 141,251; May 15.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,010; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,011; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,012; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,013; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,014; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,015; Nov. 27.
Maibach, John J., assignor to J. W. Valentine Company, Inc., New York, N. Y. Bedspread or the like. 143,016; Nov. 27.
Maid, Herbert R., Berwyn, Ill. Pipe. 143,087; Dec. 4.
Majewski, Joseph H., Jr., and H. J. Talge, assignors to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 141,782; July 3.
Majewski, Joseph M., Jr.: *See*—
Lucas, K. B., and Majewski.
Majewski, Joseph M., Jr., and H. J. Talge, assignors to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 141,783; July 3.
Malmstead, Lilyan, Worcester, Mass. Dickey. 140,400; Feb. 20.
Mandl, Rudi W., Lakeland, Fla. Picture frame or similar article. 141,640; June 19.
Mandle, Urie F., New York, N. Y. Pendant or similar article. 140,737; Apr. 3.
Mandt, Obert G., and A. C. Saxe, Columbus, Ohio. Portable pump apparatus or similar article. 140,642; Mar. 20.
Mankki, Onnie, Cleveland Heights, assignor to Designers for Industry, Inc., Cleveland, Ohio. Costumer. 141,722; June 26.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoking stand. 143,017; Nov. 27.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Combined smoking stand and serving tray. 143,018; Nov. 27.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co., Inc., Bloomfield, N. J. Smoker's stand. 143,019; Nov. 27.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co. Inc., Bloomfield, N. J. Tip lid for smoker's stand. 143,229; Dec. 18.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co. Inc., Bloomfield, N. J. Smoker's stand. 143,230; Dec. 18.
Mankki, Onnie, Cleveland, Ohio, assignor to Smokador Manufacturing Co. Inc., Bloomfield, N. J. Urn. 143,231; Dec. 18.
Mankki, Onnie, Cleveland Heights, and F. J. Schultheis, Lakewood, Ohio. Ventilator. 141,215; May 15.
Manning Industries, Inc.: *See*—
Laskey, Louise R., assignor.
Manning, Maxwell & Moore, Inc.: *See*—
Little, John M., assignor.
Marateck, Jacob M., Bronx, N. Y. Combined knife and towel rack. 141,902; July 31.

Marathon Company: *See*—
Forman, Mack M., assignor.
Marchand, Adolph, Jackson Heights, N. Y. Towel rack. 142,304; Aug. 28.
Marcucci, Americus R., assignor to I. C. Rainey, New York, N. Y. Stylus. 141,167; May 8.
Marder, Leo, Brooklyn, N. Y. Comb. 140,277; Feb. 6.
Margouleff, Jean, New York, N. Y. Shoe. 141,582; June 12.
Margouleff, Jean, New York, N. Y. Shoe. 141,590; June 12.
Margroson Corp.: *See*—
Marossi, Maurice, assignor.
Marienthal, Heidi, New York, N. Y. Combined radio cabinet and cigarette container. 143,334; Dec. 25.
Marienthal, Heidi, New York, N. Y. Combined music box and cigarette container. 143,335; Dec. 25.
Marine Optical Mfg. Co.: *See*—
Ditto, Hugo M., assignor.
Mark Cross Company: *See*—
Branen, Daniel R., assignor.
Markel Electric Products, Inc.: *See*—
Ohm, Albert J. D., assignor.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,098; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,099; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,100; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,101; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,102; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,103; Aug. 14.
Markestein, John, North Riverside, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 142,104; Aug. 14.
Marks, Alice E., Waterman, Ill. Doll. 140,914; Apr. 17.
Marks, John C., New York, N. Y. Hat. 142,005; Aug. 7.
Marks, John C., New York, N. Y. Hat. 142,006; Aug. 7.
Marks, John C., New York, N. Y. Hat. 142,007; Aug. 7.
Marks, John C., New York, N. Y. Hat. 142,008; Aug. 7.
Markwood, Calvin H., Denver, Colo. Ambulatory toy duck. 142,524; Oct. 9.
Marossi, Maurice, New York, N. Y. Doll or similar article. 140,180; Jan. 30.
Marossi, Maurice, New York, N. Y. Doll mask or similar article. 140,288; Feb. 6.
Marossi, Maurice, New York, N. Y. Doll or similar article. 141,074; May 1.
Marossi, Maurice, New York, N. Y. Doll or similar article. 141,075; May 1.
Marossi, Maurice, New York, N. Y. Doll or similar article. 141,175; May 8.
Marossi, Maurice, assignor to Margroson Corp., New York, N. Y. Doll or similar article. 140,531; Mar. 6.
Marsh, Gerald M., Liberty, Mo. Fishing float. 142,787; Nov. 6.
Marsh Stencil Machine Company: *See*—
Marsh, Walton C., assignor.
Marsh, Walton C., assignor to Marsh Stencil Machine Company, Belleville, Ill. Fountain brush or the like. 141,833; July 10.
Marsh, Walton C., assignor to Marsh Stencil Machine Company, Belleville, Ill. Portable tape moistening device, or the like. 142,173; Aug. 14.
Marshall, Adeline M.: *See*—
Marshall, Edward F. and A. M.
Marshall, Edward F. and A. M., Thomaston, Conn. Toy vacuum cleaner. 141,450; June 5.
Martin, Charles A., Lynbrook, N. Y. Solderless electrical connector. 141,409; May 29.
Martin, Glenn L., Company, The: *See*—
Turnbull, W. J., and Ward, assignors.
Martin, J. A., Mrs.: *See*—
Post, George V., assignor.
Martin, Lynn P.: *See*—
Fish, N. D., and Martin.
Martin, Lynn P., Fort Madison, Iowa. Fountain pen. 142,384; Sept. 25.
Martin, Lynn P., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,383; Sept. 25.
Martin, Sidney W., Chicago, Ill. Axle straightener. 140,268; Feb. 6.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,881; Nov. 13.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,882; Nov. 13.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,883; Nov. 13.
Martin, William E., Kewanee, Ill. Gooseneck coupling for a drawn vehicle. 142,884; Nov. 13.
Martinelli, Louis, San Francisco, Calif. Lifting tong. 140,240; Feb. 6.
Martyr, Cecil: *See*—
Talge, Henry J., assignor.

Marx, Joe J., Wyoming, and F. J. Heckman, Cincinnati, assignors to So-Lo Works, Incorporated, Loveland, Ohio. Toe rubber. 140,822; Apr. 10.
Maryland Glass Corporation: *See*—
Clevenger, Glen M., assignor.
Marzullo, Anna: *See*—
Porcelli, Peter, assignor.
Mason, J. H., et al.: *See*—
Matthews, J. R., and Davidson, assignors.
Mason, P. H., et al.: *See*—
Matthews, J. R., and Davidson, assignors.
Mason, W. D., et al.: *See*—
Matthews, J. R., and Davidson, assignors.
Master Electric Company, The: *See*—
Darnell, Victor L., assignor.
Master Lock Company: *See*—
Soref, Harry E., assignor.
Master, Warren S., Rutherford, N. J., assignor to Federal Telephone and Radio Corporation, New York, N. Y. Rectifier housing. 142,487; Oct. 2.
Mathews, Fred T., and C. M. Brauer, Salt Lake City, Utah. Wheeled toy. 141,176; May 8.
Mathewson, Kenneth L., Tacoma, Wash. Measuring spoon unit. 141,881; July 31.
Matson, Charles H., New York, N. Y. Snap lock or similar article. 141,264; May 15.
Matson, Harold R.: *See*—
Handler, E., and Matson.
Matson, Lawrence A., Dayton, Ohio. Drawing instrument. 141,882; July 31.
Mattessich, Victor, Newark, N. J. Badge or similar article. 141,933; July 31.
Matthews, Jessie R., and W. A. Davidson, assignors of seventeen one-hundredths to P. H. Mason, seventeen one-hundredths to W. D. Mason, and seventeen one-hundredths to J. H. Mason, Norfolk, Va. Corner marker. 142,788; Nov. 6.
Maultsby, John D., Jr., assignor to C. E. Hovey, trustee, Kansas City, Mo. Combined battery tester and charger. 143,088; Dec. 4.
Maurer, Frank W.: *See*—
Baratelli, C. A., Cochran, and Maurer.
Maurer, Frank W., Newton Highlands, Mass. Goggles. 142,338; Aug. 28.
Maurette, René G., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 141,068; May 1.
Maxant, William T., Ayer, Mass. Button sewing machine or the like. 142,435; Sept. 25.
Maxson, William E., Jr., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Fruit juice extractor. 141,241; May 15.
Maxson, William E., Jr., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Portable electric heater. 141,834; July 10.
Maxwell, Paul M., Manhasset, N. Y., and W. J. Russy, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap. 140,040; Jan. 16.
Maxwell, William H., Los Angeles, Calif. Hair curler. 141,052; May 1.
May, John, Detroit, Mich. Fishing bait. 140,511; Mar. 6.
May, John, Detroit, Mich. Fishing bait. 140,512; Mar. 6.
May, John, Detroit, Mich. Fishing bait. 140,513; Mar. 6.
Maycen, Othmar F., New York, N. Y. Helicopter. 140,480: Feb. 27.
Mayer, John L., Kansas City, Mo. Refuse bag holder. 142,286; Aug. 21.
Mayer, Joseph W.: *See*—
Alexander, M. W., and Mayer.
Maynard, Harold B., Pittsburgh, and C. W. Punton, assignors to Methods Development and Equipment Company, Wilkinsburgh, Pa. Worktable. 140,122; Jan. 23.
Maytag Company, The: *See*—
Smith, Thomas R., assignor.
Mazen, Walter, and L. L. Nagle, Detroit, Mich. Combined liquid cigarette extinguisher and ash-tray. 140,401; Feb. 20.
Mazzarelli, Augustine M., New York, N. Y. Knife box. 142,574: Oct. 16.
McAfee, Don G., Grand Rapids, Mich. Toy gun. 141,373: May 29.
McCabe, Morden J.: *See*—
Sperzel, Peter J., assignor.
McCray Refrigerator Company: *See*—
Ingersoll, Fred M., assignor.
McCrory, Sue, Houston, Tex. Doll. 140,915; Apr. 17.
McCrory, William, Los Angeles, Calif. Picture frame. 142,885; Nov. 13.
McCullough, Frank, Detroit, Mich. Drill Jig. 141,995; Aug. 7.
McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,869; Jan. 2.
McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,870; Jan. 2.
McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,884; Jan. 2.
McDonald, William H., assignor to The Nurre Companies, Inc., Bloomington, Ind. Table. 139,890; Jan. 2.
McDougal, Donald N.: *See*—
Cobelli, E. G., and McDougal.
McEachron, Evans J.: *See*—
Glisch, I. M., McEachron, and Ariesan.
McGee, Mary C., Hempstead, N. Y. Tablecloth or similar article. 140,666; Mar. 27.
McGonigal, John F., Philadelphia, Pa. Combined book end and picture frame. 140,181; Jan. 30.
McGonigle, Victor J., and W. I. Thomas, Richmond, Va. Cribbage board. 141,449; June 5.
McGraw, Charles J.: *See*—
Lytle, Earl J., assignor.
McIntosh, William B.: *See*—
Porthouse, C. R., and McIntosh.
McIntyre, John W., Attleboro, Mass. Picture frame. 141,605; June 19.
McKenna, Edward F., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Combined telephone desk stand and handset. 141,425; May 29.
McKeown, Jessie I., Los Angeles, Calif. Sock. 140,342; Feb. 13.
McKesson & Robbins, Incorporated: *See*—
Riha, Gordon J., assignor.
McKittrick, Samuel A., Sandusky, Ohio. Can opener. 141,053; May 1.
McLane, John L., Jersey City, N. J. Foot stand. 140,212; Jan. 30.
McLarn, Ernest S., Manhasset, and M. G. Kolmes, Brooklyn, assignors to International Standard Electric Corporation, New York, N. Y. Convertible desk and wall telephone set. 141,641; June 19.
McMillan, James O., and R. E. Parker, Wichita, Kans. Pocket lighter. 142,241; Aug. 21.
McNamara, Cornelius, Flushing, N. Y. Rosary bead or the like. 140,854; Apr. 10.
McNeill, Albert G., and L. N. Olsen, assignors to Bachmann Brothers, Inc., Philadelphia, Pa. Perpetual calendar. 141,924; July 31.
McNine, Francis R., Bridgeport, Conn. Match dispenser. 142,886; Nov. 13.
McPharlin, Paul, New York, N. Y., assignor to Associated Distributors, Inc., Chicago, Ill. Finger rest. 142,327; Aug. 28.
McSwiggen, Francis P., Steubenville, Ohio. Bib or the like. 141,649: June 19.
Meadow, Noel, New York, N. Y. Desk ornament. 141,326; May 22.
Meeks, John C., Woodland, Calif. Wall bracket. 139,885; Jan. 2.
Meeks, John C., Woodland, Calif. Wall vase. 139,886; Jan. 2.
Meeks, John C., Woodland, Calif. Flower holder. 141,054; May 1.
Meeks, John C., Woodland, Calif. Combined bracket and memorandum pad. 141,242; May 15.
Meers, Viola E., Los Angeles, Calif. Toy. 142,575; Oct. 16.
Mehrer, Theodore, assignor to De Wald Radio Mfg. Corp., New York, N. Y. Radio cabinet or the like. 141,147; May 8.
Meier, Joshua, New Rochelle, N. Y. Memorandum pad holder or the like. 142,650; Oct. 23.
Melberg, Ernest, Norway, Iowa. Toy cannon. 141,689; June 26.
Melford, Winnifred, Los Angeles, Calif. Combined coat hanger and jewel container. 143,020; Nov. 27.
Meltz, Julius B.: *See*—
Rubin, I., and Meltz.
Meminger, Paul, Los Angeles, Calif. Facial mask for use in electrotherapy. 140,667; Mar. 27.
Meminger, Paul, Los Angeles, Calif. Electro-therapeutic cabinet. 141,012; Apr. 24.
Meminger, Paul, Los Angeles, Calif. Terminal socket. 142,105; Aug. 14.
Mendsen, Thelma, assignor to Fravessi-Lamont, Inc., New York, N. Y. Paper or the like. 141,917; July 31.
Merchant & Evans Company: *See*—
Peck, Frederic G., assignor.
Mermis, William L., Youngstown, Ohio. Combined shoulder and head rest for throat operations or the like. 141,168; May 8.
Methods Development and Equipment Company: *See*—
Maynard, H. B., and Punton, assignors.
Metzler, Charles L.: *See*—
Geis, L., and Metzler.
Meyer, Carl X., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric fixture hanger plate. 141,024; Apr. 24.
Meyer, Carl X., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent lighting fixture. 142,488; Oct. 2.
Meyer, George W.: *See*—
De Flon, J. G., and Meyer.
Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Coin controlled amusement apparatus. 140,771; Apr. 10.
Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Coin-controlled amusement device. 141,095; May 8.
Meyer, Maximilian C., Brooklyn, N. Y. Playing card. 142,436; Sept. 25.
Meyer, Maximilian C., Brooklyn, N. Y. Baseball game device. 142,723; Oct. 30.
Meyerhoefer, Carl E., Brooklyn, N. Y., assignor to Lewyt Corporation. Convertible blackboard-desk. 141,290; May 22.
Meyerhoefer, Carl E., Brooklyn, N. Y., assignor to Lewyt Corporation. Ironing table. 142,261; Aug. 21.
Michael, Fred, Oelwein, Iowa. Automobile tire. 140,668; Mar. 27.

Michaels, John I., Wichita, Kans. Utility fork. 141,948; Aug. 7.
Michelli, Ernesto G., New York, N. Y. Picture frame or similar article. 141,306; May 22.
Michigan Desk Company: *See*—
Brandenburger, Russell E., assignor.
Midland Steel Products Company, The: *See*—
Fitz Gerald, H. R., and Kricker, assignors.
Mid-West Bottle Cap Co.: *See*—
Sonnenberg, Rudolph, assignor.
Migliaccio, Christopher L., Providence, R. I. Pin. 142,724; Oct. 30.
Miles, Charles F.: *See*—
Christner, H. F., Lobley, and Miles.
Miles, John R., West Englewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnifying glass. 141,690; June 26.
Milks, Pearl F., Chicago, Ill. Nursery bottle holder. 141,555; June 12.
Millard, Dwight H., Norwalk, Calif. Bracelet or similar article. 142,887; Nov. 13.
Miller, Alfred H., Philadelphia, Pa., assignor to Utica Drop Forge & Tool Corporation. Plier. 142,888; Nov. 13.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear finishing machine. 142,145; Aug. 14.
Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Chest of drawers or similar article. 141,374; May 29.
Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Studio bed or similar article. 141,375; May 29.
Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Dresser or similar article. 141,376; May 29.
Miller, Edwill B., assignor to Red Lion Table Company, Inc., Red Lion, Pa. Vanity or similar article. 141,377; May 29.
Miller, George E., and R. N. Bennett, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Overhead cable support for bulldozers or the like. 140,466; Feb. 27.
Miller, Herschael W., Davenport, Iowa. Kitchen cabinet. 142,242; Aug. 21.
Miller, Herchael W., Davenport, Iowa. Kitchen cabinet. 142,243; Aug. 21.
Miller, Homer C., Findlay, Ohio. Bottle lifter. 139,887; Jan. 2.
Miller, Irving, assignor to Spaulding China Company, Inc., New York, N. Y. Pottery animal figure. 140,213; Jan. 30.
Miller, Irving, assignor to Spaulding China Company, Inc., New York, N. Y. Pottery animal figure. 140,214; Jan. 30.
Miller, Irving, assignor to Spaulding China Company, Inc., New York, N. Y. Pottery animal figure. 140,215; Jan. 30.
Miller, Ruth, New York, N. Y. Playing card holder or similar article. 142,962; Nov. 20.
Miller, Sydell, New York, N. Y. Combined shoe tree, shoe horn, and buffer. 141,265; May 15.
Miller, Verlin C., Marion, Ind. Drawing scale. 141,691; June 26.
Miller, William H., Jr., South Orange, N. J. Boat. 142,889; Nov. 13.
Miller, Willis H., Dallas, Tex. Shade for a lamp or similar article. 141,025; Apr. 24.
Miller, Willis H., Dallas, Tex. Light shade or similar article. 142,287; Aug. 21.
Miller, Willis Harold, Dallas, Tex. Lamp or similar article. 143,232; Dec. 18.
Millers Falls Company: *See*—
Collura, Francesco, assignor.
Millison, Earl G.: *See*—
Fairbairn, W. E., Graninger, and Millison.
Mills, Aubrey R., Southgate, England. Die casting machine. 143,089; Dec. 4.
Mills, Le Roy G., Bronxville, N. Y. Suggestion cabinet. 141,890; July 31.
Milton Sturn & Company: *See*—
Burlin, Leslie H., assignor.
Milwaukee Lace Paper Company: *See*—
Hamilton, Kenneth C., assignor.
Mims, George I., St. George, S. C. Combined baby rattle and teething device, or similar article. 140,445; Feb. 27.
Minaisian, Seth, Providence, R. I. Jewelry cross. 140,738; Apr. 3.
Mine Safety Appliances Company: *See*—
Littlefield, J. B., Schneider, and Yant, assignors.
Schneider, John H., assignor.
Mirer and Cooper: *See*—
Brooke, Ellen, assignor.
Mirsky, Sara, New York, N. Y. Dickey. 141,723; June 26.
Mirsky, Sara, New York, N. Y. Dickey. 141,784; July 3.
Mission Hosiery Mills: *See*—
Gilbert, Henry, assignor.
Misuraca, Louis J., Glendale, Calif. Combined display stand and container for perfumery. 140,772; Apr. 10.
Mitchell, Rose, Cleveland, Ohio. Doll. 141,177; May 8.
Moeller, William C., assignor to A. F. Parmalee, doing business as United States Safety Service Co., Kansas City, Mo. Eye shield front. 142,221; Aug. 21.
Mogabgab, Anice, New York, N. Y. Handkerchief or similar article. 141,903; July 31.
Mogabgab, Anice, New York, N. Y. Handkerchief or similar article. 141,904; July 31.
Mogabgab, Winifred S., New York, N. Y. Handkerchief or similar article. 141,905; July 31.
Moglen, Maxwell D., New York, N. Y. Picture frame. 141,650; June 19.
Moloney, Raymond T.: *See*—
Collins, Edward J., assignor.
Nelson, Nels A., assignor.
Monarch Governor Company: *See*—
Perry, Frank C., assignor.
Moncer, Ernest O., Huntington, W. Va. Vase. 140,823; Apr. 10.
Moncer, Ernest O., Huntington, W. Va. Wall vase. 140,670; Mar. 27.
Montague, George E., Venice, and R. C. Romero, Los Angeles, Calif. Hobbyhorse. 142,651; Oct. 23.
Montague, Harry, et al.: *See*—
Trilling, D. M., and Rich, assignors.
Montandon, Wayne E.: *See*—
Remillong, A. H., and Montandon.
Montanye, Carlyle N., Baltimore, Md. Calendar stand or similar article. 140,365; Feb. 20.
Montgomery Ward & Co., Incorporated: *See*—
Cash, Cecil C., assignor.
Gutz, R. T., and Swainson, assignors.
Muerle, Richard W., assignor.
Swainson, A., and Gutz, assignors.
Moor, Dudley W., Jr., et al.: *See*—
Coble, Earl W., assignor.
Muntz, Erwin W., assignor.
Wallner, George M., assignor.
Moore, Earl E., Los Angeles, Calif. Combination toy and advertising novelty. 141,096; May 8.
Moore, Forrest P. and M. C., Ontario, Calif. Pompom ornament for shoes, or similar articles. 140,041; Jan. 16.
Moore, Howard L., Cochranton, Pa. Calendar stand or similar article. 140,366; Feb. 20.
Moore, Howard L., Cochranton, Pa. Combined key holder and identification device. 140,669; Mar. 27.
Moore, James Gordon, Los Angeles, Calif. Combined bottle opener and cutter or similar article. 143,233; Dec. 18.
Moore, Matilda C.: *See*—
Moore, Forrest P. and M. C.
Moran, Ralph V., Bradford, Pa. Coin bank. 142,106; Aug. 14.
Moreman, Jules L., Scarsdale, N. Y. Display figure. 139,865; Jan. 2.
Morgan, Clyde G.: *See*—
Carlson, E. B., and Morgan.
Morrey, Katherine H., Chicago, Ill. Combination baby bath and dressing stand. 142,107; Aug. 14.
Morris Distributing Company, Inc.: *See*—
Horowitz, Benjamin, assignor.
Morris, Harry, Chicago, Ill. Cigarette case or similar article. 142,108; Aug. 14.
Morris, Robert B., Hollywood, Calif. Die. 140,084; Jan. 23.
Morris, Robert B., Hollywood, Calif. Die. 142,576; Oct. 16.
Morrison, John W., Cincinnati, Ohio. Lighting fixture. 143,336; Dec. 25.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Container for water treating material. 142,577; Oct. 16.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,035; Aug. 14.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,109; Aug. 14.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,110; Aug. 14.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,222; Aug. 21.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,223; Aug. 21.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,224; Aug. 21.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,225; Aug. 21.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,652; Oct. 23.
Morrow, Frank, Scituate, R. I. Jewelry pin or similar article. 142,725; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,288; Aug. 21.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,289; Aug. 21.
Morrow, Frank, Johnston, R. I. Earring. 142,290; Aug. 21.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,292; Aug. 21.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,489; Oct. 2.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,726; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,727; Oct. 30.

Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,728; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,729; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,730; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,731; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,732; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,733; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,734; Oct. 30.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,735; Oct. 30.
Morrow, Frank, Johnston, R. I. Earring. 142,736; Oct. 30.
Morrow, Frank, Johnston, R. I. Earring. 142,890; Nov. 13.
Morrow, Frank, Johnston, R. I. Earring. 142,891; Nov. 13.
Morrow, Frank, Johnston, R. I. Earring. 142,892; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,893; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,894; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,895; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,896; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,897; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,898; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,899; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,900; Nov. 13.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 142,901; Nov. 13.
Morrow, Frank, Johnston, R. I. Earring. 142,963; Nov. 20.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,151; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,152; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,153; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,154; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,155; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,156; Dec. 11.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,234; Dec. 18.
Morrow, Frank, Johnston, R. I. Earring. 143,235; Dec. 18.
Morrow, Frank, Johnston, R. I. Jewelry pin or similar article. 143,337; Dec. 25.
Morrow, Frank, Johnston, R. I. Earring. 143,338; Dec. 25.
Morrow, Frank, Johnston, R. I. Earring. 143,339; Dec. 25.
Morse, Robert D., Monroe, Mich. Nursing bottle. 140,467; Feb. 27.
Moses, George, Savanna, Ill. Watch case. 140,278; Feb. 6.
Moses, Jean, New York, N. Y. Bond and policy folder, or the like. 139,888; Jan. 2.
Moss, Maurice, New York, N. Y. Brooch pin or similar article. 140,916; Apr. 17.
Moss, Nathaniel, Brooklyn, N. Y. Tray or article of similar nature. 142,902; Nov. 13.
Motter, Charles S., Chicago, Ill. Sink cabinet. 140,056; Jan. 16.
Motter, Charles S., Chicago, Ill. Sink cabinet. 140,057; Jan. 16.
Motter, Charles S., Chicago, Ill. Sink cabinet. 140,058; Jan. 16.
Motter, Charles S., Chicago, Ill. Wall cabinet. 140,216; Jan. 30.
Moyer, Peter: *See*—
Remesch, J., Eyring, and Moyer.
Mueller, Arnold H., Monroe, Wis. Calculator. 142,226; Aug. 21.
Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Bench cream separator. 142,437; Sept. 25.
Mulbach, Herman C., Los Angeles, and M. L. Wesley, Pasadena, Calif. Toolholder. 141,835; July 10.
Muldoon, Elwood J., Detroit, Mich. Template. 142,653; Oct. 23.
Muldoon, William J., Hempstead, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Casing for telephone units. 140,289; Feb. 6.
Muller-Munk, Peter, Pittsburgh, Pa., assignor to Illinois Watch Case Co., Elgin, Ill. Vanity case. 143,157; Dec. 11.
Mullins Manufacturing Corporation: *See*—
Benson, John H., assignor.
Stanitz, Jacques, assignor.
Muntz, Erwin W., Ottawa Lake, Mich., assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 140,614; Mar. 20.
Muntz, Erwin W., Ottawa Lake, Mich., assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 141,013; Apr. 24.
Murphy, James T., Boston, Mass. Cigarette rest and extinguisher. 143,021; Nov. 27.
Murphy, Norman B., Englewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Automatic pilot turn control unit for aircraft. 143,340; Dec. 25.
Murphy, William H.: *See*—
Kritske, Victor J., assignor.
Murray Corporation of America, The: *See*—
Trombley, Bertrand N., assignor.
Murray, Selma V., Kansas City, Mo. Pottery piece. 142,490; Oct. 2.
Musselman, Henry E., and W. H. Buck, Kalamazoo, Mich. Combined cigarette and igniter case 140,571; Mar. 13.
Myers, Lewis, Providence, and E. H. Gartner, Edgewood, R. I. Golf club head. 140,085; Jan. 23.
Myers, Ralph E., Kansas City, Mo. Dispenser for cigarettes or like articles. 141,410; May 29.
Myers, Raymond L., U. S. Army, Bexar County, Tex. Desk. 140,514; Mar. 6.
Myers, Raymond L., U. S. Army, Broome County, N. Y. Desk. 142,525; Oct. 9.
Myers, Raymond L., U. S. Army, Broome County, N. Y. Desk. 142,526; Oct. 9.
Myers, Raymond L., U. S. Army, Broome County, N. Y. Desk. 142,527; Oct. 9.
Nachman, Jack: *See*—
Nachman, Joseph and Jack.
Nachman, Jack and J., Philadelphia, Pa. Blouse. 141,576; June 12.
Nachman, Joseph: *See*—
Nachman, Jack and J.
Nachman, Joseph and Jack, Philadelphia, Pa. Apron 140,532; Mar. 6.
Nagle, Lewis L.: *See*—
Mazen, W., and Nagle.
Nahser, Frank C., assignor to J. L. Priest, Chicago, Ill. Bottle. 140,394; Feb. 20.
Nanna, Frank S., North Lake Village, Ill. Combination baby walker and stroller. 141,216; May 15.
Nash, Daniel J., New York, N. Y. Billfold or similar article. 141,934; July 31.
Nash, Daniel J., New York, N. Y. Billfold or similar article. 141,935; July 31.
Nash, Daniel J., New York, N. Y. Billfold or similar article. 141,936; July 31.
National Acme Company, The: *See*—
Drissner, Alfred E., assignor.
National Bank of Bloomington, The, executor, et al.: *See*—
Cornish, Irving R.
National Carton & Label Corp.: *See*—
Gruber, Gilbert S., assignor.
National Die Casting Company: *See*—
Chapman, Dave, assignor.
National Lock Company: *See*—
North, Edwin W., assignor.
Stone, Roy A., assignor.
National Pressure Cooker Company: *See*—
Stedman, William J., assignor.
National Silver Company: *See*—
Summon, Shirley, assignor.
Weeks, Wendy, assignor.
Nazare, Francois, New York, N. Y. Necklace. 142,111; Aug. 14.
Neal, Harry E., Columbus, Ohio. Highway marker. 141,768; July 3.
Neff, Wallace, Los Angeles, Calif. Aeroplane hangar. 139,953; Jan. 9.
Neff, Wallace, Los Angeles, Calif. House. 140,059; Jan. 16.
Neff, Wallace, Los Angeles, Calif. House. 140,060; Jan. 16.
Negbaur, Harry, New York, N. Y. Pocket lighter or the like. 141,785; July 3.
Nehls, Charles H., Detroit, Mich., assignor to Independent Lock Company, Fitchburg, Mass. Night latch or similar article. 141,217; May 15.
Neiser, Joseph, Miami, Fla. Spatula. 141,123; May 8.
Neiser, Joseph, Miami, Fla. Set of dominoes. 142,491; Oct. 2.
Nelson, Leonard, New York, assignor to Columbia Precision Products Corp., Long Island City, N. Y. Compact. 143,158; Dec. 11.
Nelson, Leonard, New York, assignor to Columbia Precision Products Corp., Long Island City, N. Y. Compact. 143,159; Dec. 11.
Nelson, Nels A., assignor to Raymond T. Moloney, Chicago, Ill. Game cabinet. 143,236; Dec. 18.
Nelson, Ted, San Leandro, Calif. Stud welding machine. 143,090; Dec. 4.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Motion picture projector. 140,426; Feb. 27.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Sound head for motion picture projectors. 140,427; Feb. 27.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Motion picture film gate. 140,428; Feb. 27.

Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Cover casing for a picture projector or the like. 140,429; Feb. 27.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Lamp housing for picture projecting apparatus or the like. 140,515; Mar. 6.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Elevation adjusting device for picture projectors or the like. 140,615; Mar. 20.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Film shoe for motion picture apparatus or the like. 141,148; May 8.
Nemeth, Otto R., assignor to Products Development, Inc., Chicago, Ill. Lens mount or the like. 141,692; June 26.
Neo Plastics Products Company: *See*— Soussloff, Gregory, assignor.
Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Spectacle front. 142,036; Aug. 14.
Nesbit, James R., Chicago, Ill. Doll. 140,824; Apr. 10.
Nesbit, James R., Chicago, Ill. Doll. 140,825; Apr. 10.
Nessen, Walter F.: *See*— Holland, R. L., and Nessen.
Nesson, Samuel, Newton Center, Mass. Overall. 140,698; Mar. 27.
Nethercutt, Jack B., Santa Monica, Calif. Combined cigarette and match case. 141,149; May 8.
Neuberger, Paul: *See*— Freund, M., and Neuberger.
Neuhaus, Edith: *See*— Fromm, Edith.
Neville, Sylvia R., New York, N. Y. Hat. 141,411; May 29.
New, Eunice, formerly Dennice New, South Jacksonville, Fla. Bell toy. 142,964; Nov. 20.
Newhall, John K., Aurora, Ill. Stock tank heater. 139,889; Jan. 2.
Newhall, John K., Aurora, Ill. Stock tank heater. 140,194; Jan. 30.
Newman, Alexander I., River Forest, assignor to Precision Scientific Co., Chicago, Ill. Gas analyzing apparatus. 142,227; Aug. 21.
Newman, Richard, New York, N. Y. Cigarette box. 140,290; Feb. 6.
Newport, Jesse H., Jr., Upper Darby, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Compact or the like. 141,055; May 1.
Newport, Jesse H., Jr., Upper Darby, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Compact. 142,578; Oct. 16.
Newport, Jesse H., Jr., Upper Darby, Pa., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Bottle. 142,654; Oct. 23.
Newsome, Howard P. G., New Orleans, La. Golf club head. 141,307; May 22.
Newsome, Howard P. G., New Orleans, La. Golf club head. 141,769; July 3.
Nicholson, Elwood, J., Los Angeles, assignor to Photo Research Corporation, San Fernando, Calif. Light meter. 142,439; Sept. 25.
Nisenson, Jules, assignor to Publix Metal Products, Inc., New York, N. Y. Venetian blind head-bar center support. 140,291; Feb. 6.
Nitardy, Carl, New York, N. Y. Fluorescent lighting fixture. 140,343; Feb. 13.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,308; May 22.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,693; June 26.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,694; June 26.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 141,695; June 26.
Noma Electric Corporation: *See*— Larsen, Olai F., Jr., assignor.
Norcross, Maura, Manville, R. I. Monument. 141,218; May 15.
Nordberg, Charles H., assignor to Pettibone Mulliken Corporation, Chicago, Ill. Hub switch stand. 141,996; Aug. 7.
Nordic Silver Co., Inc.: *See*— Bieberbach, Frederick, assignor.
Norman, Emile, El Monte, Calif., assignor to Lucien Lelong, Inc., Chicago, Ill. Plastic box or the like. 141,266; May 15.
Norman, Emile, El Monte, Calif., assignor to Lucien Le Long, Inc., Chicago, Ill. Ornamental box or similar article. 141,848; July 10.
Norman, Emile, El Monte, Calif., assignor to Lucien Lelong, Inc., Chicago, Ill. Cap for lipstick holder or the like. 142,965; Nov. 20.
Norman, Emile, El Monte, Calif., assignor to Lucien Lelond, Inc., Chicago, Ill. Lipstick holder or the like. 143,022; Nov. 27.
Norquist, Victor C., and W. B. Larkin, assignors to Butler Manufacturing Company, Kansas City, Mo. Grain bin. 141,498; June 5.
Norris, Thomas W., Milwaukee, Wis. Desk calendar unit. 141,267; May 15.
Norris, Thomas W., Milwaukee, Wis. Desk calendar unit. 141,268; May 15.
Norris, William A., Alhambra, Calif. Humidifier. 142,737; Oct. 30.
North, Edwin M., assignor to National Lock Company, Rockford, Ill. Oven door handle. 143,023; Nov. 27.
Novak, Edward J., Chicago, Ill. Toy shoe house. 142,528; Oct. 9.
Nudelman, Eoina, Chicago, Ill. Toy dredge. 141,925; July 31.
Nurre Companies, Inc., The: *See*— McDonald, William H., assignor.
Nu Tone Incorporated: *See*— Corbett, Joseph R., assignor.
Nutter, Reginald T., Chesham Bois, and F. R. Lord, Terriers, assignors to Ingersoll Limited, High Wycombe, England. Variable electrical condenser. 140,108; Jan. 23.
Nuvoplas Corporation: *See*— Casalino, Joseph, assignor.
O'Brien, Florence M., Los Angeles, Calif. Shoulder pads. 140,269; Feb. 6.
Ocean City Manufacturing Company: *See*— Hirsch, Stephen G., assignor.
Odin Corporation: *See*— Svenson, E. J., Peterson, and Stone, assignors.
O'Donnell, Todd, Chicago, Ill., assignor to Estate of Harold L. De Lisle, a trust, doing business as Engineering Manufacturing Company, Sheboygan, Wis. Statuette. 141,799; July 3.
Oen, Francis F., Denver, Colo. Clothespin. 141,638; June 19.
Oertle, Lawrence C., Sr., Milwaukee, Wis. Scaffold frame. 143,341; Dec. 25.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,579; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,580; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,581; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,582; Oct. 16.
Ohm, Albert J. D., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric light bowl. 142,583; Oct. 16.
Olay, Andrew J., Flint, Mich. Flag display stand or similar article. 140,626; Mar. 20.
O'Leary, Stephen G., Detroit, Mich. Game board. 142,112; Aug. 14.
Olevin, Adolph, New York, N. Y. Lipstick case. 140,715; Apr. 3.
Olin, Maurice E., Vancouver, Wash. Smoker stand. 143,024; Nov. 27.
Oliver, Leo E., Sanger, Calif. Airplane. 142,492; Oct. 2.
Olkon, Albert, St. Paul, assignor to Fibro Container Corporation, Minneapolis, Minn. Child's game table. 141,918; July 31.
Olmsted, Roger W., San Francisco, Calif. Outdoor signboard. 141,309; May 22.
Olsen, Lawrence N.: *See*— McNeill, A. G., and Olsen.
Olson, Clarence A., Minneapolis, Minn. Computer. 143,160; Dec. 11.
Olson, Hans P., Racine, Wis. Rolling plug bait. 140,296; Feb. 6.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen desk stand unit. 142,385; Sept. 25.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,386; Sept. 25.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen or the like. 142,387; Sept. 25.
Olson, Wilbur K., Fort Madison, Iowa. Fountain pen. 142,388; Sept. 25.
Olson, Wilbur K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 142,389; Sept. 25.
Olson, Wilbur K., and L. P. Martin, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 142,390; Sept. 25.
Olszewski, Edward, Detroit, Mich. Razor blade holder for sharpening. 140,516; Mar. 6.
Onofrio, Carmeno A., Gorham, N. H. Material loading machine. 141,556; June 12.
Oppenheim, Stanley J., New York, N. Y. Textile fabric. 140,481; Feb. 27.
Oppenheim, Stanley J., New York, N. Y. Textile fabric. 141,499; June 5.
Oppenheim, Stanley J., New York, N. Y. Textile fabric. 141,500; June 5.
Orme, Wilbur L., Cambridge, Ohio. Goblet or similar article. 140,826; Apr. 10.
Orme, Wilbur L., Cambridge, Ohio. Bowl or similar article. 141,034; May 1.
Ornas, Theodore: *See*— Walker, G. W., and Ornas, assignors.
Ostier, Marianne, New York, N. Y. Combined finger ring and watch. 141,696; June 26.

Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,430; Feb. 27.
Otto, Ferdinand P., assignor to Quake Lace Company, Philadelphia, Pa. Lace tablecloth. 140,431; Feb. 27.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,113; Aug. 14.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,114; Aug. 14.
Otto, Ferdinand P., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,115; Aug. 14.
Overend, Henry, Liverpool, England. Game board. 141,639; June 19.
Owens, Thomas B., Cleveland, Ohio. Mail receptacle or similar article. 142,493; Oct. 2.
Owens, Thomas B., Cleveland, Ohio. Crocheting stand or the like. 142,903; Nov. 13.
Pache, Louise, Calvert, Kans. Cake. 141,714; June 26.
Pachner & Koller, Inc.: *See*—
Sharps, George J., assignor.
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Refrigerator shelf. 142,904; Nov. 13.
Paden, Frederick T., U. S. Army, Collingswood, N. J. Costumer. 141,786; July 3.
Paden, Frederick T., Collingswood, N. J. Combined field desk and trunk. 142,262; Aug. 21.
Padgitt, Jesse D., Dallas, Tex. Blind for bridles. 140,879; Apr. 17.
Page, Edward H., Baltimore, Md. Helicopter. 141,378; May 29.
Page, Herbert E., Alhambra, Calif. Hydraulic jack. 140,517; Mar. 6.
Page, Herbert E., Alhambra, Calif. Hydraulic jack. 140,518; Mar. 6.
Page, Herbert E., Alhambra, Calif. Electric toaster. 142,037; Aug. 14.
Pahlow, Gustav C., Galesburg, Ill., assignor to Victor Casket Hardware Company. Casket handle lug. 140,965; Apr. 24.
Paley, Albert A., Kew Gardens, assignor to Eagle Automatic Sales Corp., New York, N. Y. Dispensing unit. 140,554; Mar. 13.
Palma, Joseph, Jr., Madison, Wis. Weighing scale. 141,724; June 26.
Pantzer, Arthur, New York, N. Y. Lighter or similar article. 143,342; Dec. 25.
Panzer, William C., Chicago, Ill. Stool. 141,379; May 29.
Panzer, William C., Chicago, Ill. Ash tray or similar article. 143,091; Dec. 4.
Papkin, David, assignor to Sargent & Company, New Haven, Conn. Food chopper. 142,789; Nov. 6.
Pares, Thomas A., Milwaukee, Wis. Device for teaching lacing. 143,237; Dec. 18.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,774; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,775; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,776; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,777; Apr. 10.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,880; Apr. 17.
Park, Arthur Y., Los Angeles, Calif. Fabric. 140,881; Apr. 17.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,964; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,965; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,966; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,967; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,968; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,969; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,970; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,971; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,972; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,973; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,974; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,975; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,976; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,977; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,978; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,979; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,980; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,981; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,982; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,983; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,984; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,985; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,986; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,987; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,988; Jan. 9.
Park, Arthuh Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,989; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,990; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,991; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,992; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 139,993; Jan. 9.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,022; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,023; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,024; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,025; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,042; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,043; Jan. 16.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,101; Jan. 23.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,102; Jan. 23.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,195; Jan. 30.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,482; Feb. 27.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 140,483; Feb. 27.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,327; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,328; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,329; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,330; May 22.
Park, Arthur Y., assignor to Goldinger Fabrics Co., Los Angeles, Calif. Fabric. 141,432; May 29.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,343; Dec. 25.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldiner Fabrics Company. Fabric. 143,344; Dec. 25.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,345; Dec. 25.
Park, Arthur Y., Los Angeles, Calif., assignor to Goldinger Fabrics Company. Fabric. 143,346; Dec. 25.
Park, Arthur Y., Los Angeles., Calif., assignor to Goldinger Fabrics Company. Fabric. 143,347; Dec. 25.
Park Sherman Co., Inc.: *See*—
Horsley, James H., assignor.
Parker, Ralph E.: *See*—
McMillan, J. O., and Parker.
Parker, Thomas J., assignor of one-half to L. S. Ausdenmoore, Cincinnati, Ohio. Toy. 141,697; June 26.
Parkin, John C., Snyder, and S. A. Bucholtz, assignors of one-third to W. K. Breckenridge, Buffalo, N. Y. Motor vehicle. 142,738; Oct. 30.
Parmalee, A. F., et al.: *See*—
Moeller, William C., assignor.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,116; Aug. 14.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,117; Aug. 14.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,118; Aug. 14.
Parsons, Wallace E., and W. H. Randall, Waterville, Maine, assignors, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,119; Aug. 14.
Pascal, Otto, Brooklyn, N. Y. Combined shoe and umbrella bag. 140,519; Mar. 6.
Pascal, Otto, Brooklyn, N. Y. Umbrella bag. 140,671; Mar. 27.
Pass & Seymour, Inc.: *See*—
Lescaze, William, assignor.
Patecell, Theodore C., Jackson Heights, N. Y. Amphibian airplane. 141,426; May 29.
Patent License Corporation: *See*—
Adrian, William M., assignor.
Arenberg, Albert L., assignor.
Zimmerman, Edward C., assignor.

Patten, Wilbert H., Trenton, N. J. Combined valve seat and overflow connection. 140,966; Apr. 24.
Pattison, Merrill R., Beattle, Wash. Toy machine gun. 140,432; Feb. 27.
Paul, Anthony: *See*—
Albanese, M., and Paul.
Paul, Harold G., New York, N. Y. Brassière or similar article. 140,484; Feb. 27.
Paul, Raymond, assignor to I. Gold, Chicago, Ill. Pull toy. 140,882; Apr. 17.
Paul, Walter, assignor to E. M. Vernon, San Francisco, Calif. Animal toy. 141,982; Aug. 7.
Paul, Walter, assignor to E. M. Vernon, San Francisco, Calif. Animal toy. 141,983; Aug. 7.
Pavelka, Joseph, St. Louis, Mo. Bread toaster casing 142,146; Aug. 14.
Pavese, Murl H., Pacoima, Calif. Curtain-drapery bracket. 140,446; Feb. 27.
Paxton, Arlie L., executor, et al.: *See*—
Cornish, Irving R.
Paxton, George N., et al.: *See*—
Cornish, Irving R., assignor.
Paxton, John W., et al.: *See*—
Cornish, Irving R., assignor.
Pearce, Herbert, Meadville, Pa. Garden cultivator. 142,174; Aug. 14.
Pease, Henry E., et al.: *See*—
Hitzeman, Henry C., assignor.
Peace Light Co., The: *See*—
Dannell, Arthur G., assignor.
Pearson, Joseph T., Jr., Huntingdon Valley, Pa. Shoe shine box. 143,092; Dec. 4.
Peck, Frederic G., Upper Darby, assignor to Merchant & Evans Company, Philadelphia, Pa. Refrigerating unit. 143,161; Dec. 11.
Peckerman, Charles, assignor to Everbest Engineering Corp., New York, N. Y. Bracket for supporting wires. 141,427; May 29.
Pedersen, Holger, New York, N. Y. Shield. 141,997; Aug. 7.
Pedersen, Peter O., Oakland, Calif. Display case. 141,966; Aug. 7.
Peerless Tool and Engineering Co.: *See*—
Andresen, Raymond H., assignor.
Peltier, Leslie C., assignor to The Delphos Bending Company, Delphos, Ohio. Infant's chair or similar article. 141,076; May 1.
Pence, William A., Adell, assignor to Enger-Kress Company, West Bend, Wis. Billfold. 141,310; May 22.
Pence, William A., Adell, assignor to Enger-Kress Company, West Bend, Wis. Billfold. 141,311; May 22.
Pence, William A., Adell, assignor to Euger-Kress Company, West Bend, Wis. Billfold. 141,380; May 29.
Pence, William A., Adell, assignor to Euger-Kress Company, West Bend, Wis. Billfold. 141,381; May 29.
Pence, William A., Adell, assignor to Enger-Kress Company, West Bend, Wis. Billfold. 143,093; Dec. 4.
Pence, William A., Adell, and L. S. Spielmann, assignors to Enger-Kress Company, West Bend, Wis. Billfold. 141,836; July 10.
Penn Electric Switch Co.: *See*—
Redsecker, Wilbert W., assignor.
Penndorf, Richard H., Scarsdale, N. Y., assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Toy crib. 142,348; Aug. 28.
Pentz, Benjamin H., and G. Berlin, assignors to Wolfe & Mann Device Co., Baltimore, Md. Napkin ring. 141,501; June 5.
Pereira, Virginia, New York, N. Y. Fastening clip or the like. 141,502; June 5.
Perrault, Ernest, Chicopee Falls, Mass. Cap form. 141,651; June 19.
Perrin, Harry C., Grass Valley, Calif. Game board. 142,194; Aug. 14.
Perry, Frank C., assignor to Monarch Governor Company, Detroit, Mich. Chuck or similar article. 141,243; May 15.
Pertz, John, assignor to West Virginia Glass Specialty Company, Incorporated, Weston, W. Va. Drinking glass or similar article. 140,643; Mar. 20.
Peruggi, Ernest, Brooklyn, assignor to Irwin Corporation, New York, N. Y. Doll. 141,657; June 19.
Pestyner, Philip, Jamaica, N. Y. Necktie rack. 143,348; Dec. 25.
Petersen, Vernell, Paul, Los Angeles, Calif. Vase or similar article. 143,162; Dec. 11.
Peterson, Clyde A., assignor to Wells-Gardner & Co. Chicago, Ill. Radio cabinet. 142,155; Aug. 14.
Peterson, Gustaf J.: *See*—
Svenson, E. J., Peterson, and Stone, assignors.
Peterson, Oscar R., Oakland, and R. A. Peterson, San Leandro, Calif. Power unit. 142,494; Oct. 2.
Peterson, Robert A.: *See*—
Peterson, Oscar R. and R. A.
Peterson, Wilbur P., Kansas City, Mo. Handle for saws or like articles. 141,906; July 31.
Petitta, Mario, New York, N. Y. Combined hair stay and fastening means. 141,169; May 8.
Petitta, Mario, New York, N. Y. Hair curling device or similar article. 143,163; Dec. 11.
Pettibone Mulliken Corporation: *See*—
Nordberg, Charles H., assignor.
Pfefferkorn, Frederick F., Washington, D. C. Handle cover bracket. 143,238; Dec. 18.
Phelps, William D., New York, N. Y. Combination belt and shoulder strap bag or the like. 139,891; Jan. 2.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 139,913; Jan. 2.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 139,945; Jan. 2.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,778; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,779; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Bracelet. 140,780; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,781; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,797; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,798; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,799; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Earring. 140,800; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,801; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,843; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,844; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,855; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,856; Apr. 10.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,894; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,895; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 140,896; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,897; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 140,898; Apr. 17.
Philippe, Alfred, Scarsdale, N. Y. Earring. 141,056; May 1.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 141,057; May 1.
Philippe, Alfred, Scarsdale, N. Y. Brooch pin. 141,058; May 1.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 141,907; July 31.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,584; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,585; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,586; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,587; Oct. 16.
Philippe, Alfred, Scarsdale, N. Y. Earring. 142,655; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Earring. 142,656; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Earring. 142,657; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,658; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,659; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,660; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,661; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,662; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,663; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,664; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,665; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Clip or similar article. 142,666; Oct. 23.
Philippe, Alfred, Scarsdale, N. Y. Brooch or similar article. 142,905; Nov. 13.
Philippe, Alfred, Scarsdale, N. Y., assignor to Frifari, Krussman & Fishel Inc., New York, N. Y. Necklace. 143,349; Dec. 25.
Phillips, Celia, New York, N. Y. Combined evening dress and pantaloons. 141,837; July 10.
Phillips, Celia, New York, N. Y. Combined evening dress and underskirt. 141,838; July 10.
Phillips, Dwight M., Fullerton, assignor to Chiksan Tool Company, Brea, Calif. Swivel joint. 140,716; Apr. 3.
Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Cutting machine. 143,094; Dec. 4.
Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Pipe threading tool. 143,239; Dec. 18.
Phinney, William E., Milton, N. H. Welting. 142,739; Oct. 30.
Phinney, William E., Milton, N. H. Welting. 142,740; Oct. 30.
Photo Research Corporation: *See*—
Nicholson, Elwood J., assignor.

Pichel, Irving, New York, N. Y. Handbag unit. 141,472; June 5.
Pichel, Irving, New York, N. Y. Handbag. 142,495; Oct. 2.
Pichel, Irving, New York, N. Y. Handbag. 142,588; Oct. 16.
Pictorial Machinery Limited: *See*—
Warman, Horace, assignor.
Pieper, Alphonse F., Brighton, N. Y. Electric lamp. 141,473; June 5.
Pierce, Franklin, New York, N. Y. Combined perfume sachet holder and pendant. 140,109; Jan. 23.
Pierce, Franklin, New York, N. Y. Perfume sachet holder. 140,845; Apr. 10.
Pierce Governor Company, Inc.: *See*—
Reger, Raymond, assignor.
Pierre, Léo, Hampton, Va. Combination tool. 142,263; Aug. 21.
Pileggi, Vincent R., Philadelphia, Pa. Combined saw and rule. 143,025; Nov. 27.
Pinanski, Samuel, Brookline, assignor to Stanway Vending Machines, Inc., Boston Mass. Vending cabinet or similar article. 141,097; May 8.
Pinaud Incorporated: *See*—
Lamotte, Bernard, assignor.
Pioneer Watch Case Co., Inc.: *See*—
Kolberg A., and Kohn, assignors.
Pitman-Dreitzer & Co., Inc.: *See*—
Fordyce, Charles L., assignor.
Pivcevich, John F., New York, N. Y. Clip for wearing apparel or similar article. 141,949; Aug. 7.
Placco, Oscar F., Cranston, R. I. Brooch or similar article. 141,382; May 29.
Placco, Oscar F., Cranston, R. I. Brooch or similar article. 141,383; May 29.
Placco, Oscar F., Cranston, R. I. Brooch or similar article. 141,384; May 29.
Plas-Tex Corporation: *See*—
Frost, Ray T., assignor.
Plastic Treasures Inc.: *See*—
Winston, G., and Sawyer, assignors.
Plate, Robert T., Grosse Pointe Park, Mich. Vanity case. 141,984; Aug. 7.
Platt, Joseph B., New York, N. Y. Folding chair or similar article. 140,672; Mar. 27.
Playette Corporation: *See*—
Wise, Lawrence, assignor.
Podjus, Harry H., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling ball carrier or the like. 141,742; July 3.
Poggi, Amelia, Doris Jordan, and Alma Chuka, Hicksville, N. Y. Deck of playing cards. 143,240; Dec. 18.
Pohli, Gustav, Teaneck, N. J. Finger ring. 142,589; Oct. 16.
Polan, Albert S., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, Charles M., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, E. G., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, L. M., et al.: *See*—
Guttmann, Eric S., assignor.
Polan, Lake, Jr., et al.: *See*—
Guttmann, Eric S., assignor.
Polaroid Corporation: *See*—
Baratelli, C. A., Cochran, and Maurer, assignors.
Baratelli, Charles A., assignor.
Cooper, Dexter P., Jr., assignor.
Policastro, James, Fairview, N. J. Tray for frankfurter and roll or similar article. 140,241; Feb. 6.
Pollack, George J., New York, N. Y. Dress. 140,616; Mar. 20.
Pollack, Leon, assignor to Products Development, Inc., Chicago, Ill. Bottle. 140,935; Apr. 17.
Pollock, Gordon B., South Laguna, Calif. Camera housing. 140,367; Feb. 20.
Pollock, Gordon B., South Laguna, Calf. Surgical camera housing. 140,368; Feb. 20.
Polotaye, Frank, New York, N. Y., assignor to Sylvania Electric Products Inc., Salem, Mass. Fluorescent lighting fixture. 143,350; Dec. 25.
Pommier, Henry, New York, N. Y. Earring. 140,827; Apr. 10.
Pommier, Henry, New York, N. Y. Ring. 140,867; Apr. 10.
Pommier, Henry, New York, N. Y. Ring. 140,868; Apr. 10.
Pommier, Henry, New York, N. Y. Ring. 140,936; Apr. 17.
Popik, George, Hartford, Conn. Slipper. 142,529; Oct. 9.
Poplin, Nelia G., Ponca City, Okla. Fishing lure. 142,305; Aug. 28.
Porcelli, Peter, assignor to A. Marzullo, New York, N. Y. Airplane or similar article. 143,351; Dec. 25.
Porter, Vernon C., New York, N. Y. Folding combination bottle and can opener. 143,241; Dec. 18.
Porthouse, Cyril R., Kent, and W. B. McIntosh, Akron, Ohio. Sealing disk for nursing units, bottles, and containers. 141,518; June 5.
Poschin, Harry, Pasadena, Calif. Combined book end and holder for a magazine or similar article. 141,150; May 8.
Post, George V., Cincinnati, Ohio, assignor to C. G. Gilly, Cincinnati, Ohio, (Mrs.) J. A. Martin, Big Stone Gap., and M. V. Gilly, Richmond, Va. Combined coaster and ash tray. 143,352; Dec. 25.
Posture Research Corporation: *See*—
Jones, Arthur E., assignor.
Powers, Herman, Bayonne, N. J. Clothes hanger. 140,869; Apr. 10.
Powers, John J., St. Louis, Mo. Truck. 141,085; May 1.
Powers, John J., St. Louis, Mo. Truck. 141,086; May 1.
Powers, John J., St. Louis, Mo. Truck. 141,291; May 22.
Powell, Frank, Miami, Fla. Plaque. 140,644; Mar. 20.
Powell, Frank, Miami, Fla. Brooch or similar article. 142,278; Aug. 21.
Powell, Frank, Miami, Fla. Figurine or similar article. 142,349; Aug. 28.
Powell, Frank, Miami, Fla. Figurine or similar article. 142,966; Nov. 20.
Poyer, Harland M., Lewiston, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 141,292; May 22.
Poyer, Harland M., Lewiston, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 141,669; June 19.
Poyer, Harland M., Lewiston, and E. P. Rhodes, Clarence, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 141,670; June 19.
Pratt, Julius C., Eureka, Calif. Game board or similar article. 142,440; Sept. 25.
Pratt, Merritt C., U. S. Army, Chicago, Ill. Combined pistol holster and knife scabbard. 142,741; Oct. 30.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 141,219; May 15.
Preble, Harry, Jr., New York, N. Y., assignor to International Plastic Corporation, Morristown, N. J. Tape dispenser. 141,220; May 15.
Precision Scientific Co.: *See*—
Newman, Alexander I., assignor.
Preis, Carl G., Forest Hills, N. Y. Tray. 141,503; June 5.
Presley, Robert G., Canton, N. C. Sewing rack. 141,863; July 10.
Presto Electric Co.: *See*—
Abramson, Nathan, assignor.
Price, Darrel D., assignor to Thornton V. Allen, Los Angeles, Calif. Game board. 142,667; Oct. 23.
Price, Donald F., H. E. Balsiger, and M. A. Hollengreen, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 140,061; Jan. 16.
Price, James R., Cranston, assignor to The Alvin Corporation, Providence, R. I. Fork or other article of flatware. 140,954; Apr. 24.
Price, James R., Cranston, assignor to The Alvin Corporation, Providence, R. I. Fork or other article of flatware. 140,955; Apr. 24.
Price, James R., Cranston, assignor to The Alvin Corporation, Providence, R. I. Fork or other article of flatware. 142,967; Nov. 20.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 142,204; Aug. 14.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 142,205; Aug. 14.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Fork or other article of flatware. 142,206; Aug. 14.
Priest, John L.: *See*—
Nahser, Frank C., assignor.
Prince Matchabelli, Inc.: *See*—
Sawyer, James P., assignor.
Prior, Fred, Dallas, Tex. Fuel tank mounted toolbox for a truck or similar article. 141,908; July 31.
Pritchett, Irene B.: *See*—
Barber, Lonnie, assignor.
Pritzker, Charles M., New York, N. Y. Cigarette case. 140,447; Feb. 27.
Proctor, Robert, Jr., Los Angeles, Calif. Pin. 141,787; July 3.
Products Development, Inc.: *See*—
Loman, Samuel D., assignor.
Nemeth, Otto R., assignor.
Pollack, Leon, assignor.
Promer, Alfred G., Detroit, Mich. Toy. 140,883; Apr. 17.
Providence Stock Company: *See*—
Lederer, George J., assignor.
Provost, Loretta M., Glendale, Calif. Combined holder for cigarettes and matches. 142,906; Nov. 13.
Publix Metal Products, Inc.: *See*—
Nisenson, Jules, assignor.
Pugh, Clifford F., Sleepy Hollow Farm, Pa. Finger ring. 140,086; Jan. 23.
Pugh, Merlin L., Minneapolis, Minn. Control and instrument panel for battery chargers or similar article. 143,026; Nov. 27.
Pugh, Merlin L., Minneapolis, Minn. Battery charger or similar article. 143,027; Nov. 27.
Pulver Company, Inc.: *See*—
Burne, Stuart B., assignor.
Punte, William F.: *See*—
Coyle, J., and Punte.
Punton, Charles W.: *See*—
Maynard, H. B., and Punton.
Purcell, Francis A., Brooklyn, N. Y. Signal lamp lens. 140,753; Apr. 3.

Quaker Lace Company: *See*—
Hooven, Howard, assignor.
Otto, Ferninand P., assignor.
Wolf, William, assignor.
Qualitrol Corporation: *See*—
Ford, George E., assignor.
Quality Hardware and Machine Corporation: *See*—
Snyder, Leland H., assignor.
Quam, James P., Chicago, Ill. Citrus-fruit juicer. 141,788; July 3.
Quinn, William C., Reading, Mass. Toilet soap receptacle or similar article. 141,789; July 3.
Quist, Cornelius: *See*—
Weyenberg, H., and Quist.
Raab, Louis, and J. Harmell, Los Angeles, Calif. Coat dress or similar article. 141,504; June 5.
Rabbes, Henry H., Arlington, Va., assignor to F. W., Jr., and W. Christian, and M. M. De Forest, copartners doing business as Lee De Forest Laboratories, Los Angeles, Calif. Nasal applicator. 141,458; June 5.
Radcliffe, John C., Jr., Kirkwood, Mo. Preformed airplane hangar, or the like. 142,195; Aug. 14.
Radio Condenser Company: *See*—
Weiss, Melvin V., assignor.
Radio Corporation of America: *See*—
Holley, Robert, assignor.
Rahn, Clarence R., Temple, Pa. Smoker's pipe. 140,699; Mar. 27.
Rainèss, Alice, New York, N. Y. Headdress. 141,800; July 3.
Rainey, Isabel C.: *See*—
Marcucci, Americus R., assignor.
Rajah, Mildred, Buffalo, N. Y. Basket. 143,095; Dec. 4.
Ramsay, Charles F., Toronto, Ontario, Canada. Sales meter. 141,985; Aug. 7.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Cooking vessel or article of similar nature. 142,244; Aug. 21.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Handle for cooking vessels and the like. 142,245; Aug. 21.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Side handle or lift for cooking vessels and the like. 142,264; Aug. 21.
Ramsthal, Alfred F., assignor to West Bend Aluminum Company, West Bend, Wis. Sauce pan or similar article. 143,164; Dec. 11.
Rand, Paul, assignor to J. Cochran, New York, N. Y. Bottle. 140,350; Feb. 13.
Randall, Walter H.: *See*—
Parsons, W. E., and Randall.
Randolph, Raphael, La Grange, Tex. Combined picture frame and compact case. 140,062; Jan. 16.
Ranseen, Mauritz C., Minneapolis, Minn. Container closure remover. 141,967; Aug. 7.
Ranseen, Mauritz C., Minneapolis, Minn. Crown cap remover. 141,968; Aug. 7.
Rapaport, Herman, Chicago, Ill. Doll walker or the like. 141,698; June 26.
Rapaport, Meyer, Chicago, Ill. Wheeled toy or the like. 141,699; June 26.
Raport, Betty D., New York, N. Y. Nursery bottle holder. 141,700; June 26.
Rapson, Ralph, Chicago, Ill. Rocker chair frame. 141,221; May 15.
Rapson, Ralph, Chicago, Ill. Chair frame. 141,222; May 15.
Raskin, Walter, Orange, N. J. Display cabinet or similar article. 140,351; Feb. 13.
Rasmussen, Sophus: *See*—
Stempel, E. H., and Rasmussen.
Rassnick, Abraham, Elmhurst, N. Y. Toy. 140,315; Feb. 13.
Rath, Frank H., Garden City, N. Y. Handbag. 140,327; Feb. 13.
Rath, Frank H., Garden City, N. Y. Handbag. 140,448; Feb. 27.
Rath, Frank H., Garden City, N. Y. Handbag. 140,717; Apr. 3.
Rath, Frank H., Garden City, N. Y. Handbag. 140,773; Apr. 10.
Rath, Frank H., Garden City, N. Y. Handbag. 140,857; Apr. 10.
Rath, Frank H., Garden City, N. Y. Handbag. 140,870; Apr. 10.
Rath, Frank H., Garden City, N. Y. Handbag. 141,474; June 5.
Rath, Frank H., Garden City, N. Y. Handbag. 142,441; Sept. 25.
Rath, Frank H., Garden City, N. Y. Handbag. 142,442; Sept. 25.
Ratkai, George S., and D. Turet, New York, N. Y. Front piece for eyeglasses. 140,279; Feb. 6.
Rauch, Nathan A., New York, N. Y. Coat. 141,026; Apr. 24.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,223; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,224; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,225; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,226; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,227; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for beverage bottles. 141,261; May 15.
Ray, Don, Beverly Hills, Calif. Closure hood for milk and cream bottles. 141,475; June 5.
Ray, Kenneth B.: *See*—
Yant, W. P., and Ray.
Raybert Products Corporation: *See*—
Ray-Dupuis, Suzanne, assignor.
Ray-Dupuis, Suzanne, assignor to Raybert Products Corporation, New York, N. Y. Bracelet. 141,652; June 19.
Ray-Dupuis, Suzanne, assignor to Raybert Products Corporation, New York, N. Y. Bracelet. 141,653; June 19.
Ray-Dupuis, Suzanne, assignor to Raybert Products Corporation, New York, N. Y. Bracelet. 141,654; June 19.
Raymond, Horace W., Waterville, Maine. Partitioned tray. 142,668; Oct. 23.
Ray-O-Vac Company: *See*—
Chapman, David, assignor.
Red Lion Table Company, Inc.: *See*—
Miller, Edwill B., assignor.
Redares, Raymond J., Los Angeles, Calif. Brassière or similar garment. 143,165; Dec. 11.
Redmer, Edwin A. F., Chicago, Ill. Fluid pressure operated chuck. 142,120; Aug. 14.
Redpath, Cargill W., Kansas City, Mo. Game board. 142,790; Nov. 6.
Redsecker, Wilbert W., assignor to Penn Electric Switch Co., Goshen, Ind. Housing for transformers or the like. 140,402; Feb. 20.
Reed & Barton: *See*—
Turner, George L., assignor.
Reed, Dante's R., Fort Lauderdale, Fla. Playing card. 141,510; June 5.
Reeves, Charles R., Detroit, Mich. Cribbage board. 142,791; Nov. 6.
Reeves, Herbert M., Kankakee, and J. W. Hauser, Oak Park, Ill., assignors to Florence Stove Company, Gardner, Mass. Accessory unit for cooking stoves. 140,718; Apr. 3.
Reger, Raymond, assignor to The Pierce Governor Company, Inc., Anderson, Ind. Centrifugal governor. 140,550; Mar. 6.
Rehberger, A. W., Brooklyn, N. Y. Dart game chart. 141,864; July 10.
Reichart, James H., Muncie, Ind. Teakettle. 140,754; Apr. 3.
Reichert, Henry C., Poughkeepsie, N. Y. Cigarette holder. 140,449; Feb. 27.
Reilly, Charles Van B., Milwaukee, Wis. Finger ring. 143,166; Dec. 11.
Reinecke, Jean O., Chicago, Ill., assignor to J. F. Barnes, as trustee. Telephone stand. 142,742; Oct. 30.
Reiner, Leo A., Detroit, Mich. Scaffold unit. 142,350; Aug. 28.
Reiner, Leo A., Detroit, Mich. Scaffold unit. 142,496; Oct. 2.
Reinert, Lillian R., Hammond, Ind. Doll. 142,907; Nov. 13.
Reinshield, Frederic Carl, Andover, Mass., assignor to Analyte Instruments, Inc., Bloomfield, N. J. Illuminable display device. 143,242; Dec. 18.
Reis, Louis, New York, N. Y. Combined book, magazine, newspaper rack and smoking stand. 141,942; July 31.
Remesch, John, and H. Eyring, Cleveland, and P. Moyer, North Olmsted, assignors, by mesne assignments, to Shuler Co., Cleveland, Ohio. Child's vehicle. 140,719; Apr. 3.
Remillong, Alfred H., and W. E. Montandon, Eugene, Oreg. Butcher's sanitary tool rack or similar article. 140,673; Mar. 27.
Remington Rand Inc.: *See*—
Rider, Fremont, assignor.
Renaud, Lucien, St. Albans, assignor to Roger & Gallet, New York, N. Y. Lipstick container or the like. 142,228; Aug. 21.
Republic Aviation Corporation: *See*—
Arbib, Richard H., assignor.
Kartveli, A., and Kaiser, assignors.
Resnick, Samuel, Oak Park, Ill. Electrical polishing device. 141,577; June 12.
Reynolds, Edwin, Vineland, N. J. Twin top flower vase for holding short or long stem flowers or similar article. 139,871; Jan. 2.
Reynolds Metals Company: *See*—
Barrett, Albert, assignor.
Reynolds, Richard S., assignor.
Reynolds, Richard S., assignor to Reynolds Metals Company, Richmond, Va. Handle for pots and pans. 143,028; Nov. 27.
Rhodes, Edgar P.: *See*—
Poyer, H. M., and Rhodes.
Rho-Jan: *See*—
Bogoff, Henry, assignor.
Rice, Ethel M.: *See*—
Stevens, M. M., and Rice.
Rich, Cheri, and B. Saffran, New York, N. Y. Combined doll and container. 140,292; Feb. 6.
Rich, George H.: *See*—
Trilling, D. M., and Rich.
Richards, Marguerite A. R., South Gate, Calif. Hat. 140,196; Jan. 30.

Richards, Marguerite A. R., South Gate, Calif. Hair ornament. 141,642; June 19.
Rideout, John G., Chagrin Falls, assignor to Gendron Wheel Company, Perrysburg, Ohio. Frame for an invalid wheel chair. 142,743; Oct. 30.
Rider, F., Middletown, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Book truck. 142,497; Oct. 2.
Ridley, Allen R., Burbank, Calif. Toy tank puzzle. 141,035; May 1.
Ridley, Allen R., Burbank, Calif. Toy elephant puzzle. 141,036; May 1.
Riebe, Theodore C., assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Loud speaking telephone desk set. 141,511; June 5.
Rieske, Otto G., Buffalo, N. Y. Fish scaling device. 143,167; Dec. 11.
Rietzke, August, Gordons Corners, N. J. Toy boat. 141,701; June 26.
Rietzke, August, Gordons Corners, N. J. Toy boat. 141,702; June 26.
Riha, Gordon J., Fairfield, assignor to McKesson & Robbins, Incorporated, Bridgeport, Conn. Bottle or similar article. 139,892; Jan. 2.
Ripich, John J., Cleveland, Ohio. Crucible or similar article. 142,792; Nov. 6.
Ripin, Margaret, New York, N. Y. Case for spectacles. 141,037; May 1.
Ripley, Gladys A.: *See*—
Ripley, Walter L., assignor.
Ripley, Walter L., assignor of one-half to Gladys A. Ripley, Sharpsburg, Md. Toy boat. 140,720; Apr. 3.
Risom, Jens, assignor to H. G. Knoll, Associates, New York, N. Y. Chair frame or the like. 141,703; June 26.
Risom, Jens, assignor to H. G. Knoll, Associates, New York, N. Y. Chair. 141,839; July 10.
Ristenpart, Chester H.: *See*—
Lindgren, Russell B., assignor.
Ristenpart, Chester H., San Francisco, Calif. Desk. 142,121; Aug. 14.
Ritter Company, Inc.: *See*—
Beebe, Edwin D., assignor.
Ritter, James F., Seattle, Wash. Child's jumper. 141,528; June 12.
Rittoff, George: *See*—
Staub, L., Rittoff, and Gresen.
Rival Manufacturing Company: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski.
Majewski, J. M., Jr., and Talge, assignors.
Talge, Henry J., assignor.
Talge, H. J., and Martyr.
Rivero, Antero V., Miami, Fla. Tom-tom or similar article. 140,520; Mar. 6.
Roach, Elmer R., Mount Vernon, Ill. Toy automobile. 142,229; Aug. 21.
Roark, Nancy P., Norwalk, Conn. Doll. 140,645; Mar. 20.
Roberto, Don, of California: *See*—
Haynes, Robert E., assignor.
Roberts, Harry J. and R., University Heights, Ohio. Liquor bar. 139,893; Jan. 2.
Roberts, Harry J. and R., University Heights, Ohio. Liquor bar. 139,894; Jan. 2.
Roberts, Rose: *See*—
Roberts, Harry J. and R.
Robins, John N., Chicago, Ill. Lighter for cigars, cigarettes, and the like. 142,443; Sept. 25.
Robinson, Paul B., Carroll Park, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Stock bottle. 140,937; Apr. 17.
Robitsek, Stefan W., New York, N. Y. Shoe tree. 142,038; Aug. 14.
Ročič, Ivan, New York, N. Y. Pliant pipe coupling unit. 140,617; Mar. 20.
Rockwell, Harvey W., assignor to Laplant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Hoist control unit. 143,029; Nov. 27.
Rockwell, Harvey W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Combined jack and bracket mounting. 143,168; Dec. 11.
Rockwell, Harvey W., assignor to La Plant-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Bulldozer. 143,353; Dec. 25.
Roe, William C., assignor to The Colson Corporation, Elyria, Ohio. Wheel hub. 140,572; Mar. 13.
Roger & Gallet: *See*—
Renaud, Lucien, assignor.
Rogers, John H., and H. E. Luebbers, Fort Dodge, Iowa. Tractor loader attachment. 140,280; Feb. 6.
Rogow, Wilfred, Bayonne, N. J. Book or article of similar nature. 142,669; Oct. 23.
Rogow, Wilfred, Bayonne, N. J. Book or article of similar nature. 142,670; Oct. 23.
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Pair of semirimless spectacles. 141,743; July 3.
Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Pair of semirimless spectacles. 141,744; July 3.
Rolley, James G., New York, N. Y. Game board. 142,122; Aug. 14.
Rolley, James G., New York, N. Y. Combined game board and periodical support. 142,123; Aug. 14.
Rollins Hosiery Mills, Inc.: *See*—
Landy, Marion, assignor.
Romadka, John, Wauwatosa, assignor to Robert A. Johnston Company, Milwaukee, Wis. Merchandise display cabinet. 141,385; May 29.
Romero, Robert C.: *See*—
Montague, G. E., and Romero.
Root, Le Roy P., Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 140,674; Mar. 27.
Rose, Bertha C., Boston, assignor to Rose-Derry Company, Newton, Mass. Sleeping bag or similar article. 140,917; Apr. 17.
Rose, Bertram A., Oklahoma City, Okla. Neckerchief slide. 140,369; Feb. 20.
Rose, Bertram A., Oklahoma City, Okla. Neckerchief slide. 140,370; Feb. 20.
Rose-Derry Company: *See*—
Rose, Bertha C., assignor.
Rose, Leo W., Sr.: *See*—
Hagloch, H. I., and Rose.
Rosen, Henri E., Brookline, Mass. Child's slipper or similar article. 142,339; Aug. 28.
Rosenberg Eli, New York, N. Y. Handbag. 142,124; Aug. 14.
Rosenberg, Isaac, St. Louis, Mo. Sports dress. 142,671; Oct. 23.
Rosenblatt, Manfred, Kew Gardens, N. Y. Rack for bow ties, belts and the like. 141,725; June 26.
Rosenblatt, Manfred, Kew Gardens, N. Y. Combined spool holder and ruler. 142,530; Oct. 19.
Rosenbloom, Irving, New York, N. Y. Grater. 140,433; Feb. 27.
Rosenbloom, Irving, New York, N. Y. Toy whistle. 141,312; May 22.
Rosenfeld, Carl E., San Francisco, Calif. Table. 141,386; May 29.
Rosenfeld, Harry, Co.: *See*—
Hiltenbrand, Frank X., assignor.
Rosenstein, David, New York, N. Y. Hood or similar article. 139,914; Jan. 2.
Rosenstein, David, New York, N. Y. Belt or similar article. 140,044; Jan. 16.
Rosner, Vid, Louisville, Ky. Display stand. 140,828; Apr. 10.
Ross, James, Hubbard Woods, Ill. Luminous lamp shade. 140,110; Jan. 23.
Ross, James, Hubbard Woods, Ill. Luminous light switch shield. 141,433; May 29.
Rossi, Paul, Warren, Ohio. Pen rack. 140,072; Jan. 16.
Rossi, Paul, Warren, Ohio. Pen rack. 140,073; Jan. 16.
Rossi, Paul, Warren, Ohio. Pen rack. 140,074; Jan. 16.
Rossi, Paul, Warren, Ohio. Wallet. 142,125; Aug. 14.
Rossein, Morris, New York, N. Y. Link chain for a bracelet or similar article. 142,908; Nov. 13.
Rost, Katheryn, New York, N. Y. Dress. 140,586; Mar. 13.
Rost, Katheryn, New York, N. Y. Dress. 140,967; Apr. 24.
Rost, Katheryn, New York, N. Y. Dress. 140,968; Apr. 24.
Rost, Katheryn, New York, N. Y. Dress. 141,660; June 19.
Rotkel, Lilly K., New York, N. Y. Handbag or similar article. 139,915; Jan. 2.
Rousso, Jacques, Los Angeles, Calif. Towel cabinet or similar article. 141,228; May 15.
Royal Plastic Company: *See*—
Le Sage, Vincent C., assignor.
Royals, Junius F., Godwin, N. C. Weather vane. 142,968; Nov. 20.
Rubel, John, New York, N. Y. Jewelry finding. 140,587; Mar. 13.
Rubel, John, New York, N. Y. Combination perfume and lipstick holder. 140,450; Feb. 27.
Rubel, John, New York, N. Y. Perfume holding flask. 140,739; Apr. 3.
Rubel, John, New York, N. Y. Perfume container. 140,984; Apr. 24.
Rubel, John, New York, N. Y. Perfume containing ornament or the like. 141,655; June 19.
Rubel, John, New York, N. Y. Perfume containing ornament or the like. 141,658; June 19.
Rubel, John, New York, N. Y. Necklace or similar article. 142,969; Nov. 20.
Rubel, John, New York, N. Y. Necklace. 142,970; Nov. 20.
Rubel, John, New York, N. Y. Pendant. 143,030; Nov. 27.
Rubel, John, New York, N. Y. Pendant. 143,031; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,032; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,033; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,034; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,035; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,036; Nov. 27.
Rubenstein, Albert, Washington, D. C. Garden marker. 143,037; Nov. 27.

Rubenstein, Albert, Washington, D. C. Garden marker. 143,038; Nov. 27.
Rubin, Herbert, Chicago, Ill. Handbag. 141,986; Aug. 7.
Rubin, Irving, Brookline, and J. B. Meltz, Everett, Mass. Wheeled tray or similar article. 140,740; Apr. 3.
Rubin, Irving G., Bronx, assignor to J. C. Doig, and J. L. Schilling, doing business as J. L. Schilling Co., New York, N. Y. Toy gun. 140,087; Jan. 23.
Ruehle, Elmer C., Alhambra, Calif. Toy. 142,039; Aug. 14.
Ruffin, Robert, New Orleans, La. Game board. 140,555; Mar. 13.
Ruhnke, Edward J., assignor to Hill-Shaw Company, Chicago, Ill. Filter for beverage brewers. 141,313; May 22.
Rundell, Wesley A., Louisville, Ky. Dresser base or similar article. 143,354; Dec. 25.
Running, Gerhard L., and E. V., La Salle, Minneapolis, Minn. Hog feeder. 142,793; Nov. 6.
Runstrom, Bernhard A., assignor to Madison-Kipp Corporation, Madison, Wis. Motor driven hand tool unit. 140,197; Jan. 30.
Ruskin, Henry, Chicago, Ill. Weighing scale. 140,618; Mar. 20.
Ruskin, Mabel C., Abingdon, Va. Plate or similar article. 141,314; May 22.
Ruskin, Mabel C., Abingdon, Va. Plate or similar article. 141,459; June 5.
Russell, Charles E., assignor to Amatoy Corporation, Chicago, Ill. Child's toy or the like. 140,088; Jan. 23.
Russell, Jefferine D.: *See*—
Russell, Richard C. and J. D.
Russell, Linus E., Springfield, Ohio. Air pump. 140,232; Feb. 6.
Russell, Richard C. and J. D., Monterey Park, Calif. Doll or similar article. 143,169; Dec. 11.
Russell T. J. Duke, Studio City, Calif. Dispensing closure for paste containers. 141,595; June 12.
Russo, Richard, Brooklyn, N. Y. Earring. 141,387; May 29.
Russy, Wilhelmina J.: *See*—
Maxwell, P. M., and Russy.
Ryan, John E., Danbury, Conn. Shoe sole. 140,675; Mar. 27.
Sabatini, John C., West Englewood, assignor to Colonial Neon Company, Inc., North Bergen, N. J. Fluorescent lighting fixture. 142,126; Aug. 14.
Sacks, Harriet, New York, N. Y. Lady's smoking pipe. 141,726; June 26.
Sacoder, Martin, New York, N. Y. Jewelry rack. 141,790; July 3.
Saffell, Harold V., Los Angeles, Calif. Spray pump. 141,557; June 12.
Saffran, Benjamin: *See*—
Rich, Cheri, and Saffran.
Saks, Leslie, New York, N. Y. Watch case cover. 142,230; Aug. 21.
Salagie, Frank C., Los Angeles, Calif. Mending tree. 140,316; Feb. 13.
Salesky, Isidore, Brooklyn, N. Y. Garment hanger. 141,849; July 10.
Salinger, Morris, Brooklyn, N. Y. Display stand or similar article for jewelry and the like. 142,498; Oct. 2.
Salinger, Morris, assignor to Duranol Products, Inc., Brooklyn, N. Y. Hand mirror. 142,794; Nov. 6.
Salmon, Milton S., New York, and G. Dietz, Jr., Brooklyn, N. Y. Chair. 140,485; Feb. 27.
Salz Brothers, Inc.: *See*—
Schladermundt, P., and Emslie, assignors.
Sampson, Merrill G.: *See*—
Leipper, William, assignor.
Samstag, Anne, Bronxville, N. Y. Textile fabric or similar article. 143,243; Dec. 18.
Sand, Robert T., Detroit, Mich. Weed puller. 142,531; Oct. 9.
Sanders, James J., Nashville, Tenn. Rolling pen-cil. 141,850; July 10.
Sandler, Jacob, Brookline, assignor to Atlantic Footwear & Pattern Co., Boston, Mass. Shoe. 140,573; Mar. 13.
Sandow, William, Kansas City, Mo. Foot exerciser. 140,145; Jan. 30.
Sanduski, John J., Omaha, Nebr. Pin or similar article. 140,182; Jan. 30.
Santullo, Germinal A.: *See*—
Cole, H. D., and Santullo.
Saponoff, Sylvia, New York, N. Y. Belt or similar article. 139,947; Jan. 2.
Sarff, Rosalia Z., New York, N. Y. Combination lip rouge holder and applicator. 142,328; Aug. 28.
Sargent & Company: *See*—
Papkin, David, assignor.
Sarkisian, Arthur D., New York, N. Y. Line-guide for a fishing rod. 141,643; June 19.
Sasgen, Anthony M., assignor to Grand Specialties Company, Chicago, Ill. C-clamp. 143,096; Dec. 4.
Savage Arms Corporation: *See*—
Hussey, Chester L., assignor.
Sawyer, Albert B.: *See*—
Winston, G., and Sawyer.
Sawyer, James P., North Tarrytown, assignor to Prince Matchabelli, Inc., New York, N. Y. Display box. 140,985; Apr. 24.
Sawyer, James P., North Tarrytown, assignor to Prince Matchabelli, Inc., New York, N. Y. Display box. 141,077; May 1.
Saxe, Arthur C.: *See*—
Mandt, O. G., and Saxe.
Sceli, Russell G., Canton, Conn. Phonograph needle. 141,124; May 8.
Schaefer, Benjamin, Jamaica, N. Y. Intermediate section of a fluorescent lamp fixture shield. 143,355; Dec. 25.
Schaefer, Benjamin, Jamaica, N. Y. End section of a fluorescent lamp fixture shield. 143,356; Dec. 25.
Scheftel, Alexander: *See*—
Elsas, W. D., Lowengardt, and Scheftel.
Schell, Edward, Machias, N. Y. Game board. 142,971; Nov. 20.
Schanzer, Tibor, New York, N. Y. Collapsible cot or similar article. 140,297; Feb. 6.
Scharf, Wesley L., Inkster, Mich. Clothespin. 142,499; Oct. 2.
Schechter, Benjamin J., Chicago, Ill. Bolero jacket or similar article. 140,533; Mar. 6.
Scheffler, Raymond J., *See*—
Stewart, Don E., assignor.
Schenkein, Edward N., New York, N. Y. Cluster ring or similar article. 140,871; Apr. 10.
Scheps, Jacque A., assignor to Athletic Shoe Company, Chicago, Ill. Bowling shoe. 142,444; Sept. 25.
Scherini, Eduardo J., Rosario, Argentina. Shoe heel. 142,532; Oct. 9.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,606; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,607; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,608; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,609; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,610; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,611; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,612; June 19.
Scheurmann, Otto A., Bayside, N. Y. Orphrey or similar article. 141,613; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,614; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,615; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,616; June 19.
Scheurmann, Otto A., Bayside, N. Y. Religious medallion or similar article. 141,617; June 19.
Schilling, J. L., Co.: *See*—
Rubin, Irving G.
Schilling, Joseph L., et al.: *See*—
Rubin, Irving G., assignor.
Schirokauer, Henry, New York, N. Y. Set of game pieces. 142,672; Oct. 23.
Schirokauer, Henry, New York, N. Y. Set of game pieces. 142,673; Oct. 23.
Schladermundt, Peter, Bronxville, and O. Emslie, assignors to Salz Brothers, Inc., New York, N. Y. Fountain pen. 140,026; Jan. 16.
Schless, Maurice J., New York, N. Y., assignor to J. J. Fischer, doing business as American Setting Company, Newark, N. J. Setting for a gem, or similar article. 139,946; Jan. 2.
Schlessinger, Ludwig S., New York, N. Y. Handbag. 140,255; Feb. 6.
Schlieben, Ernest W., Scarsdale, assignor to York Research Corporation, New York, N. Y. Airplane. 140,646; Mar. 20.
Schlieben, Ernest W., Scarsdale, assignor to York Research Corporation, New York, N. Y. Glider. 140,647; Mar. 20.
Schlumbohm, Peter, New York, N. Y. Insulated container for bottles. 142,795; Nov. 6.
Schmedinghoff, John J., Kansas City, Mo. Combination chair and telephone stand. 141,512; June 5.
Schmidt, Glenn T., Los Angeles, Calif. Coffee grinder or similar article. 140,534; Mar. 6.
Schmidt, Melvin F., Saginaw, Mich. Housing of a two-cycle gas engine. 142,279; Aug. 21.
Schmitt, Otto L., Denver, Colo. Vaginal diaphragm inserter. 142,040; Aug. 14.
Schneider, John H.: *See*—
Littlefield, J. B., Schneider, and Yant.
Schneider, John H., Irwin, assignor to Mine Safety Appliances Company, Philadelphia, Pa. Breathing apparatus. 143,097; Dec. 4.
Schneider, John J., Buffalo, N. Y. Grip positioner for golf club handles. 140,676; Mar. 27.
Schneider, Leonard W., assignor to Decca Records, Inc., New York, N. Y. Display stand for phonograph record albums or the like. 140,468; Feb. 27.
Schneider, Leonard W., assignor to Decca Records, Inc., New York, N. Y. Display stand for phonograph record albums or the like. 139,895; Jan. 2.
Schneider Metal Manufacturing Company: *See*—
Werkmeister, Vernon, assignor.
Schnell, Kathryn G., Toledo, Ohio. Doll. 140,588; Mar. 13.

Schnittmann, Sacha S., St. Louis, Mo. Infant's portable toilet seat. 142,909; Nov. 13.
Schoenbeck, Arnold O., assignor to Enger-Kress Company, West Bend, Wis. Billfold. 140,486; Feb. 27.
Schofield, Earl L., Rockford, assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 142,796; Nov. 6.
Schofield, Earl L., Rockford, Ill., assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 143,357; Dec. 25.
Schofield, Earl L., Rockford, Ill., assignor to Burgess Battery Company, Freeport, Ill. Flashlight. 143,358; Dec. 25.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,829; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,830; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,831; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Jewelry finding. 140,832; Apr. 10.
Schraysshuen, Carl, Providence, R. I. Bracelet link. 142,147; Aug. 14.
Schuler, Carl J., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Gun charger. 142,246; Aug. 21.
Schultheis, Francis J.: *See*— Mankki, O., and Schultheis.
Schulz, Arthur P.: *See*— Gerhardt, A. H., and Schulz.
Schulz, Arthur P.: *See*— Gerhardt, A. H., and Schulz.
Schulz, Arthur P., Hinsdale, assignor to Electric Household Utilities Corporation, Chicago, Ill. Handgrip for washing machine cover or the like. 140,005; Jan. 9.
Schumacher, Henry H.: *See*— Cole, E. G., and Schumacher.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,535; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,536; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated candy cabinet. 140,537; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,538; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,539; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,540; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,541; Mar. 6.
Schupp, Arthur, New York, N. Y. Refrigerated display and storage cabinet. 140,542; Mar. 6.
Schurr, Otto E., assignor to General Machinery Corporation, Hamilton, Ohio. Boring machine. 140,986; Apr. 24.
Schwartz, Grace B.: *See*— Schwartz, W. O. and G. B.
Schwartz, Harry H., West Los Angeles, assignor to E. C. Bretter, S. Deutch, and H. H. Schwartz, copartners doing business as California Fabric Company, Los Angeles, Calif. Display table. 141,151; May 8.
Schwartz, William O. and G. B., Los Angeles, Calif. Film viewer. 140,123; Jan. 23.
Schweitzer, Louis, Detroit, Mich. Clothes stand. 141,851; July 10.
Schwinn, Frank W., Chicago, Ill. Tandem bicycle frame. 140,677; Mar. 27.
Schwinn, Frank W., Chicago, Ill. Tandem bicycle. 141,505; June 5.
Scott Aviation Corporation: *See*— Young, Theodore F., assignor.
Scott, Eben L., Mission, Kans. Climbing toy. 142,445; Sept. 25.
Scott, Henrietta, Pequea, Pa. Napkin or the like. 141,513; June 5.
Scott, Jack V., Philadelphia, Pa. Combined bookmark and greeting card. 142,500; Oct. 2.
Scovill Manufacturing Company: *See*— Root, Le Roy P., assignor.
Scranton, Charles J., La Porte, Ind. Housing for threshing and separating mechanism of a harvester-thresher. 143,098; Dec. 4.
Seaberg, Edith P.: *See*— Hork, W. B., and Seaberg.
Seamon, Louis, Brooklyn, N. Y. Billfold. 140,103; Jan. 23.
Seamon, Louis, Brooklyn, N. Y. Billfold or similar article. 141,434; May 29.
Seamon, Louis, Brooklyn, N. Y. Billfold. 143,040; Nov. 27.
Seamon, Louis, Brooklyn, N. Y. Billfold. 143,041; Nov. 27.
Searles, Emma, Jersey City, N. J. Flag or similar article. 140,543; Mar. 6.
Sears, Roebuck and Co.: *See*— Cosme, Peter A., assignor.
Seattle Lighting Fixture Co.: *See*— Gleason, Frederick E., assignor.
Seattle Luggage Company: *See*— Tobey, Robert D., assignor.
Security Engineering Co., Inc.: *See*— Shaeffer, Norbert, assignor.
Sedgwick, Robert K.: *See*— Hess, R. J., and Sedgwick.
Segerlund, David H., Detroit, Mich. Dispensing closure. 140,872; Apr. 10.
Seiberling Latex Products Comany: *See*— Glass, Henry D., assignor.
Seidler, William, New York, N. Y. Doll. 140,956; Apr. 24.
Sekowski, George E., New Haven, Conn., assignor to Ekco Products Company. Spoon or similar article. 143,170; Dec. 11.
Selldin, Eric J., North Arlington, N. J. Clothespin. 141,412; May 29.
Seng, Gerald W.: *See*— Wood, Charles J., assignor.
Serra, Javier, assignor to Les Parfums De Dana, Inc., New York, N. Y. Bottle. 140,741; Apr. 3.
Serra, Javier, assignor to Les Parfums De Dana, Inc., New York, N. Y. Bottle. 140,755; Apr. 3.
Sewell, William B., Los Angeles, Calif. Puzzle. 140,371; Feb. 20.
Sewell, William B., Los Angeles, Calif. Game device. 141,883; July 31.
Sewell, William B., Los Angeles, Calif. Poker chip rack. 141,950; Aug. 7.
Shaeffer, Norbert, Hollywood, assignor to Security Engineering Co., Inc., Whittier, Calif. Valve handwheel. 140,256; Feb. 6.
Shaeffer, Norbert, Hollywood, assignor to Security Engineering Co., Inc., Whittier, Calif. Valve handwheel. 140,257; Feb. 6.
Shaeffer, Norbert, assignor to Kinney Aluminum Company, Los Angeles, Calif. Cooking vessel or the like. 142,041; Aug. 14.
Shaftel, Stanley J., Brooklyn, and J. Hausner, Jamaica, N. Y.; said Shaftel assignor to said Hausner. Fruit squeezer. 140,451; Feb. 27.
Shailor, Ernest C., Detroit, Mich. Combination frame and support. 141,656; June 19.
Shanfield, Joseph D., Leaside, Ontario, Canada. Door stop. 143,039; Nov. 27.
Sharp & Dohme, Incorporated: *See*— Robinson, Paul B., assignor.
Sharp, Ewing L., assignor of one-half to A. Josephson, Los Angeles, Calif. Belt. 140,270; Feb. 6.
Sharp, Renwick J., Guatemala, Guatemala. Counter. 140,544; Mar. 6.
Sharpe, Charles M., San Francisco, Calif. Electric cooker. 140,802; Apr. 10.
Sharps, George J., assignor to Pachner & Koller, Inc., Chicago, Ill. Fishing reel. 141,618; June 19.
Shatkin, Aaron: *See*— Brook, Bird, assignor. Shatkin, Rubin, assignor.
Shatkin, Rubin, Brooklyn, N. Y., assignor to Aaron Shatkin, Matawan, N. J. Compact or the like. 142,674; Oct. 23.
Shatkin, Rubin, Brooklyn, N. Y., assignor to A. Shatkin, Matawan, N. J. Salt shaker or the like. 142,744; Oct. 30.
Shaw, Jack L.: *See*— Lederman, Georg E., assignor.
Shawl, Alfred B., New York, N. Y. Pin. 140,146; Jan. 30.
Shawl, Alfred B., New York, N. Y. Pin. 140,147; Jan. 30.
Shawl, Alfred B., New York, N. Y. Pin. 140,148; Jan. 30.
Shawl, Alfred B., New York, N. Y. Pin. 140,149; Jan. 30.
Shawnee Pottery Co.: *See*— Ganz, Rudolph V., assignor.
Sheaffer, W. A., Pen Company: *See*— Boyle, Farnham F., assignor. Fish, N. D., and Martin, assignors. Martin, Lynn P., assignor. Olson, Wilbur K., assignor. Olson, W. K., and Martin, assignors. Stempel, Herman K., assignor.
Sheldrick, Mabel, New York, N. Y. Bathing suit. 142,127; Aug. 14.
Sheldrick, Mabel, assignor to Lee Knitwear Corp., New York, N. Y. Bathing suit. 142,128; Aug. 14.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, trustee, Portland, Maine. Pack for fragile articles. 142,129; Aug. 14.
Shepard, Ernest L., Fairfield, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Packing sheet for fragile articles. 143,042; Nov. 27.
Sheridan Electronics Corporation: *See*— Kaiser, John, Jr., assignor.
Sherman, Jacob S., assignor to Park Sherman Co., Inc., Chicago, Ill. Lighter case or similar article. 141,183; May 8.
Sherman, Park, Co., Inc.: *See*— Sherman, Jacob S., assignor.
Sherr, Isaac B., Los Angeles, Calif. Multiple picture frame. 142,501; Oct. 2.
Sherr, Isaac B., Los Angeles, Calif. Multiple picture frame. 142,502; Oct. 2.
Sherr, Isaac B., Los Angeles, Calif. Multiple picture frame. 142,675; Oct. 23.
Shimer, Charles J., Pen Argyl, Pa. Game board. 139,872; Jan. 2.

Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Eyeshield or similar article. 141,704; June 26.
Shipley, Carl V., Chicago, Ill. Safety razor handle. 142,175; Aug. 14.
Shoemaker, Robert C., assignor to Hyster Company, Portland, Oreg. Vehicle mounted crane with load arm accessory. 140,858; Apr. 10.
Sholkin, Joseph L., Newton, assignor to Beacon Products Corporation, Boston, Mass. Cardboard coin holder. 139,955; Jan. 9.
Shreve, Clifford B., assignor to Tyler Fixture Corporation, Niles, Mich. Display refrigerator. 142,910; Nov. 13.
Shrier, Henry, Forest Hills, N. Y. Educational toy for children. 142,911; Nov. 13.
Shuler Co: *See*—
Remesch, J., Eyring, and Moyer, assignors.
Shure Brothers: *See*—
Wronke, L. J.
Shure, Frances, et al.: *See*—
Wronke, Louis J., assignor.
Shure, S. N., et al.: *See*—
Wronke, Louis J., assignor.
Shuron Optical Company, Inc.: *See*—
Jerry, Carl R., assignor.
Rohrbach, John J., assignor.
Sices, Harry, Cedarhurst, N. Y. Jacket or similar article. 141,770; July 3.
Siegel, Fred, New York, N. Y. Handbag. 140,328; Feb. 13.
Siegel, Fred, New York, N. Y. Transparent photograph holder. 141,059; May 1.
Siegel, Fred, New York, N. Y. Bracelet display stand. 141,791; July 3.
Siegel, Morris B., Chicago, Ill. Cigarette case. 139,896; Jan. 2.
Siegel, Morris B., Chicago, Ill. Cigarette case. 142,676; Oct. 23.
Siemers, Eric, assignor to R. B. Lacey, Kalamazoo, Mich. Welding electrode holder. 141,428; May 29.
Silbert, Eileen, et al.: *See*—
Du Bois, Joseph E., assignor.
Silkman, Edwin F., Baltimore, Md. Toy wagon. 142,912; Nov. 13.
Silkman, Edwin F., Baltimore, Md. Wooden pull toy. 142,913; Nov. 13.
Silston, Janina, New York, N. Y. Combined perfume bottle and cover. 141,987; Aug. 7.
Silver, Matilda: *See*—
Casso, Bessie, assignor.
Silver, Myer S., Brookline, Mass. Slipper. 142,914; Nov. 13.
Simeone, Anthony, Hamden, Conn. Knife. 141,315; May 22.
Simmonds Aerocessories Incorporated: *See*—
Allen, James R., assignor.
Simon, Julius, assignor to Germanow-Simon Machine Co., Rochester, N. Y. Watch crystal inserting machine. 142,590; Oct. 16.
Simonds, Albert L., Southbridge, Mass. Foot-operated switch. 141,413; May 29.
Singer Manufacturing Company, The: *See*—
Clayton, Andrew B., assignor.
Knaus, Nicholaus, assignor.
Siwek, Stanley Z., and H. Goldberg, assignors to H. Goldberg, Chicago, Ill. Internal combustion engine unit. 140,803; Apr. 10.
Skaglund, Harry A., Los Angeles, Calif., assignor to Lear, Incorporated, Piqua, Ohio. Combined linear actuator and control unit for operating movable parts of an airplane or the like. 140,521; Mar. 6.
Sklaar, Richard, Rochester, N. Y. Garment hanger. 142,677; Oct. 23.
Skolnik, Phil, Chicago, Ill. Child's trainer or similar article. 140,217; Jan. 30.
Slater, Saul I., Forest Hills, N. Y. Sealed beam lamp bulb. 140,700; Mar. 27.
Slaughter, John R., Dallas, Tex. Glider swing. 141,705; June 26.
Sleness, Wallace A., Seattle, Wash. Toy submarine. 141,229; May 15.
Sloan, Donald I., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Bomb releasing shackle. 140,218; Jan. 30.
Sloan, Donald I., Los Angeles, Calif., assignor to Interstate Aircraft and Engineering Corp. Bomb releasing shackle. 140,219; Jan. 30.
Sloan Valve Company: *See*—
Lawson, George S., assignor.
Sly, Le Roy W., Kyburz, Calif. Bicycle. 141,926; July 31.
Sly, Le Roy W., Kyburz, Calif. Tricycle. 141,927; July 31.
Smallman, Morris, New York, N. Y. Billfold. 141,316; May 22.
Smallman, Samuel J., New York, N. Y. Back for a billfold or similar article. 139,916; Jan. 2.
Smallman, Samuel J., New York, N. Y. Combined billfold, change purse and keyholder. 141,414; May 29.
Smart, Carroll M., assignor to Smart Safety Engineering Company, Detroit, Mich. Armored automative vehicle. 140,356; Feb. 13.
Smart Safety Engineering Company: *See*—
Smart, Carroll M., assignor.
Smiley, Helen A., Philadelphia, Pa. Doll. 140,304; Feb. 6.
Smith, Adrian J., and W. I. Evans, Los Angeles, Calif. Store service truck. 142,306; Aug. 28.
Smith, Beatrice B., and E. Z. Cauter, New York, N. Y. Head scarf. 142,915; Nov. 13.
Smith, David, Cleveland, Ohio. Signal light for automobiles. 142,503; Oct. 2.
Smith, Delos G., et al.: *See*—
Wilson, James E., assignor.
Smith, Donald J., Los Angeles, Calif. Card and poker chip holder. 141,644; June 19.
Smith, Donald J., Los Angeles, Calif. Poker chip and playing card holder. 141,951; Aug. 7.
Smith, Donald J., Los Angeles, Calif. Combined pipe support and match pack holder. 142,678; Oct. 23.
Smith, Donald J., Los Angeles, Calif. Book end. 142,745; Oct. 30.
Smith, Donovan N., Sr., South Bend, Ind. Game counting board. 142,533; Oct. 9.
Smith, Kenneth M., Albuquerque, N. Mex. Lady's belt. 141,429; May 29.
Smith, Lawson A., assignor to R. H. Clark, Los Angeles, Calif. Fly cutter. 140,452; Feb. 27.
Smith, Lowell L., Webster City, Iowa. Nozzle attachment for air hose or the like. 143,359; Dec. 25.
Smith, Marsh M., Sr., Fontana, Calif. Deck of playing cards. 141,317; May 22.
Smith, Ray, Tulsa, Okla. Foot rest. 139,897; Jan. 2.
Smith, Reyburn M., Evansville, Ind. Bottle opener or similar article. 140,183; Jan. 30.
Smith, S. G., Brooklyn, N. Y. Caliper or similar article. 141,865; July 10.
Smith, Samuel L., assignor to Coleman Lamp and Stove Company, Wichita, Kans. Water heater. 141,184; May 8.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Refrigerator cabinet or similar article. 142,446; Sept. 25.
Smith, Tracy W., Gastonia, N. C. Combined knife and hone holster. 141,706; June 26.
Smith and Wesson Inc.: *See*—
Birk, Emil A., assignor.
Smith, William, New York, N. Y. Toy roller. 141,745; July 3.
Smith, William, Detroit, Mich. Animal figure toy. 141,771; July 3.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Juvenile vehicle. 140,434; Feb. 27.
Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Juvenile vehicle. 140,435; Feb. 27.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Velocipede frame member. 140,721; Apr. 3.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Velocipede frame member. 142,591; Oct. 16.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Frame for a tricycle. 142,592; Oct. 16.
Smokador Manufacturing Co., Inc.: *See*—
Mankki, Onnie, assignor.
Snap-On Tools Corporation: *See*—
Walraven, George M., assignor.
Snoke, Clarence R., Berkley, Mich. Combined bread and butter tray. 142,231; Aug. 21.
Snoke, Clarence R., Berkley, Mich. Combined bread and butter tray. 142,232; Aug. 21.
Snyder, Leland H., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Vacuum cleaner or similar article. 142,329; Aug. 28.
Snyder, Robert E., Pasadena, Calif. Gage handle. 141,707; June 26.
Soderberg, Gustave J., Babylon, N. Y. Portable electric polisher. 140,385; Feb. 20.
Soderberg, Gustave J., Babylon, N. Y. Combined electric cleaner and polisher. 140,386; Feb. 20.
Solar Corporation: *See*—
Stevens, Clifford B., assignor.
So-Lo Works, Incorporated: *See*—
Marx, J. J., and Heckman, assignors.
Solomon, Robert, assignor to Bernard Kavaler, New York, N. Y., doing business as Bernard Kavaler Co. Fabric. 143,244; Dec. 18.
Solomon, Theodore, New York, N. Y. Picture holder. 140,104; Jan. 23.
Somers, Richard M.: *See*—
La Forest, L. Z., and Somers.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Microphone stand. 140,701; Mar. 27.
Sonnenberg, Rudolph, assignor to Mid-West Bottle Cap Co., Belvidere, Ill. Bottle capper head. 140,233; Feb. 6.
Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Padlock. 143,245; Dec. 18.
Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Padlock. 143,246; Dec. 18.
Soulé, Norma M., Evanston, Ill. Toy airplane. 141,027: Apr. 24.

Soundscriber Corporation, The: *See*—
Stone, Robert L., assignor.
Soussloff, Gregory, assignor to Neo Plastics Products Company, New York, N. Y. Block unit for flexible panels. 140,258; Feb. 6.
Spang, Joseph P., Milton, Mass. Meat tenderizing machine. 142,916; Nov. 13.
Spaulding China Company, Inc.: *See*—
Miller, Irving, assignor.
Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric ironer. 141,318; May 22.
Specialty Equipment Corporation: *See*—
Campbell, William J., assignor.
Speck, Kurt: *See*—
Cole, H. D., and Speck.
Speedmaster Limited: *See*—
Butler, Arthur N., assignor.
Spencer, Edward, Youngstown, Ohio. Memorial banner. 141,001; Apr. 24.
Sperry Gyroscope, Inc.: *See*—
Haskins, R., Jr., and Barkalow, assignors.
Sperry, Donald L., Overland Park, Kans. Wrench. 139,956; Jan. 9.
Sperzel, Peter J., assignor to Morden J. McCabe, Minneapolis, Minn. Toilet seat. 140,184; Jan. 30.
Spiegel, Paul, Brooklyn, N. Y. Lipstick container. 142,679; Oct. 23.
Spielmann, Leslie S.: *See*—
Pence, W. A., and Spielmann.
Spitalny, Fred, Elizabeth, N. J. Vanity case or similar article. 140,522; Mar. 6.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Eyeshield or similar article. 141,028; Apr. 24.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Eyeshield or similar article. 141,029; Apr. 24.
Sport-Craft Company: *See*—
Frei, Otto, assignor.
Sports, Inc.: *See*—
von Frantzius, Peter, assignor.
Srodulski, Joseph W.: *See*—
Yuza, R., and Srodulski.
Srygley, Lake P., Fort Worth, Tex. Spoon. 141,069; May 1.
Stacey, Rosanna, Hollywood, Calif. Stirring spoon rack or similar article. 142,593; Oct. 16.
Stack, James L., Jr., Crystal Bay, Nev. Toy automobile or the like. 143,099; Dec. 4.
Stackhouse, James H., Newton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Heel. 142,594; Oct. 16.
Stackhouse, James H., Newton, and W. Brown, Jr., Cambridge, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Shoe heel. 140,372; Feb. 20.
Stackpole, Elmer R., assignor to Liberty Glass Company, Sapulpa, Okla. Beverage bottle. 142,746; Oct. 30.
Stafford, John R., Belleville, Ill. Game board. 142,534; Oct. 9.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined control handle and hood for water valves. 140,556; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined swing spout and valve hood. 140,557; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined sink and cabinet. 140,574; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined sink and cabinet. 140,575; Mar. 13.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Kitchen cabinet. 141,014; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Kitchen cabinet. 141,015; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. End cabinet. 141,016; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Base cabinet corner filler. 141,017; Apr. 24.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Undersink cabinet. 141,125; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wall cabinet. 141,126; May 8.
Stanitz, Jacques Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wall cabinet. 141,127; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Base cabinet. 141,128; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Spray nozzle. 141,185; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Valve handle. 141,186; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Valve handle. 141,187; May 8.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined swing spout and escutcheon for mixing faucets. 141,349; May 22.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined lavatory and vanity. 141,619; June 19.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Combined lavatory and vanity. 141,620; June 19.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Bath tub. 141,621; June 19.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Wall cabinet. 143,043; Nov. 27.
Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Valve handle. 143,100; Dec. 4.
Stanton, Dorothy P., Norfolk, Va. Deportment calendar. 142,265; Aug. 21.
Stanway Vending Machines, Inc.: *See*—
Pinanski, Samuel, assignor.
Staub, Louis, G. Rittoff, and H. M. Gresen, New York, N. Y. Set of playing cards. 140,305; Feb. 6.
Staubli, Hugo, Zurich, Switzerland. Appliqué or similar article. 141,645; June 19.
Stearn, Franklin A.: *See*—
Haigh, L. B., and Stearn.
Stedman, William J., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker or similar device. 141,388; May 29.
Steele, Jack, Hollywood, Calif. Lip retaining sun shield. 141,060; May 1.
Steelman, James S., Millville, N. J. Bottle or similar article. 143,044; Nov. 27.
Steigerwald, Libera L., Chicago, Ill. Strap extension retainer. 141,622; June 19.
Stein, Max, Paterson, N. J. Tablecloth or similar article. 142,447; Sept. 25.
Steiner, Carl C.: *See*—
Denniston, Mollie J., assignor.
Stelzer, Harry, New York, N. Y. Combined handbag and picture holder. 141,283; May 15.
Stelzer, Otto E., German Township, St. Joseph County, Ind. Combination toaster and cooker. 142,308; Aug. 28.
Stempel, Edward H., and S. Rasmussen, assignors to American Gas Machine Company, Albert Lea, Minn. Sportsman's stove. 143,360; Dec. 25.
Stempel, Herman K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Desk pen. 142,391; Sept. 25.
Stenicka, Charles E., Jr.: *See*—
Collins, Richard E., assignor.
Stensgaard, William L., Chicago, Ill., assignor to The Diamond Match Company. Display figure. 142,233; Aug. 21.
Sterne, Rita C., et al.: *See*—
Du Bois, Joseph E., assignor.
Stevens, Clifford B., Milwaukee, Wis., assignor, by mesne assignments, to The Delta Manufacturing Company. Bench center. 141,152; May 8.
Stevens, Clifford B., Milwaukee, Wis. Vaporizer. 141,558; June 12.
Stevens, Clifford B., assignor to Solar Corporation, Milwaukee, Mis. Battery. 143,361; Dec. 25.
Stevens, Clifford B., assignor to Solar Corporation, Milwaukee, Wis. Battery. 143,362; Dec. 25.
Stevens, Mary M., Rye, N. Y., and E. M. Rice, Lynn, Mass. Doll or similar article. 142,747; Oct. 30.
Stevens, Mary M., Rye, N. Y., and E. M. Rice, Lynn, Mass. Doll or similar article. 142,748; Oct. 30.
Stevens, Robert B., assignor to Stevens & Thompson Paper Company, Greenwich, N. Y. Paper napkin. 140,150; Jan. 30.
Stevens & Thompson Paper Company: *See*—
Stevens, Robert B., assignor.
Stewart, Don E., assignor to R. J. Scheffler, Grand Rapids, Mich. Flatiron. 142,355; Sept. 11.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Stove handle. 141,519; June 5.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Stove handle. 141,520; June 5.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Gas control knob for stoves or the like. 141,840; July 10.
Stewart, Donald E., assignor to Winters & Crampton Corporation, Grandville, Mich. Handle for stoves or the like. 142,042; Aug. 14.
Stewart, Florabelle R., Portland, Oreg. Tool bag apron. 141,919; July 31.
Stewart-Warner Corporation: *See*—
Ayres, Francis L., assignor.
Stock-A-Fire Company, Inc.: *See*—
Graham, Roy F., assignor.
Stoddard, Vine, Jesup, Iowa. Hatchet. 140,329; Feb. 13.

Stone, Jackson H., assignor to Allied Wood Products Company, Los Angeles, Calif. Clothes hamper. 141,188; May 8.
Stone, Leland G., assignor to The Magnavox Company. Fort Wayne, Ind. Handle for suitcases or similar articles. 141,852; July 10.
Stone, Robert L., Guilford, assignor to The Soundscriber Corporation, New Haven, Conn. Desk microphone. 143,363; Dec. 25.
Stone, Roy A., assignor to National Lock Company, Rockford, Ill. Drawer pull or similar article. 142,043; Aug. 14.
Stone, Swen H.: *See*—
Svenson, E. J., Peterson, and Stone, assignors.
Stoner, Paul, Valparaiso, Ind. Rolling coulter. 141,451; June 5.
Storch, Edward A., Detroit, Mich. Table top tray. 143,364; Dec. 25.
Storch, Max H., Belle Harbor, N. Y. Frame for handbags. 140,453; Feb. 27.
Storch, Max H., Belle Harbor, N. Y. Frame for mirrors. 140,678; Mar. 27.
Storch, Max H., Belle Harbor, N. Y. Frame for handbags. 140,679; Mar. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen fork. 143,045; Nov. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Serving fork. 143,046; Nov. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Skimming spoon. 143,047; Nov. 27.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Whipper blade or similar article. 143,247; Dec. 18.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 143,248; Dec. 18.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 143,249; Dec. 18.
Storm, Frederick K., Los Angeles, Calif., assignor to Adel Precision Products Corp. Kitchen utensil handle. 143,250; Dec. 18.
Storm, Frederick K., Jr., Los Angeles, Calif. Vacuum cleaner casing. 142.535; Oct. 9.
Stover, Mary A. and W. P., assignors to Heirloom Needlework Guild, Inc., New York, N. Y. Quilt. 140,124; Jan. 23.
Stover, Wallace P.: *See*—
Stover, Mary A. and W. P.
Stowell, Ralph E., Wellington, Tex. Wheeled toy. 142,351; Aug. 28.
Strieby, Richard D., Kansas City, Mo. Tooth brush. 142,917; Nov. 13.
Strum, Milton L.: *See*—
Burling, Leslie H., assignor.
Stupakoff, Semon H., Latrobe, Pa. Perpetual calendar. 141,969; Aug. 7.
Straeter, Angela, Holmes, assignor to Fravessi-Lamont, Inc., New York, N. Y. Paper or the like. 141,252; May 15.
Straeter, Angela, Holmes, assignor to Fravessi-Lamont, Inc., New York, N. Y. Paper or the like. 141,253; May 15.
Strassburg, Morris J., Bridgeport, Conn. Garment hanger. 140,680; Mar. 27.
Strauss, Herman, New York, N. Y. Brooch or similar article. 140,045; Jan. 16.
Strauss, Herman, New York, N. Y. Fob pin watch. 141,038; May 1.
Strong, Mattie L., Chicago, Ill. Splash guard. 141,269; May 15.
Stuart, Maxine, New York, N. Y. Toy. 140,681; Mar. 27.
Stuart, Maxine, New York, N. Y. Toy. 140,682; Mar. 27.
Stuart, Maxine, New York, N. Y. Toy. 140,918; Apr. 17.
Sturdy Toy Makers, Inc.: *See*—
MacCallum, Willard T., assignor.
Sudbrink, Harold J., Woodside, N. Y. Table lighter. 141,891; July 31.
Sudbrink, Harold J., Woodside, N. Y. Table lighter. 141,892; July 31.
Sudbrink, Harold J., Woodside, N. Y. Table lighter. 141,893; July 31.
Sudbrink, Harold J., Woodside, N. Y. Ring. 142,234; Aug. 21.
Sufix Manufacturing Co.: *See*—
Casso, Bessie, assignor.
Sulzer, Lucien, Chicago, Ill. Fire extinguisher. 140,063; Jan. 16.
Summon, Shirley, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 141,998; Aug. 7.
Summon, Shirley, assignor to National Silver Company, New York, N. Y. Spoon or similar article of flatware. 142,291; Aug. 21.
Sun Glass Industries, Inc.: *See*—
Zimmer, Herman, assignor.
Sun Oil Company: *See*—
Aldridge, Albert E., assignor.
Sundberg, Carl W., Detroit, Mich., assignor to Balcrank, Inc., Cincinnati, Ohio. Grease pump. 140,987; Apr. 24.
Sundling, Stanley C.: *See*—
Bowes, C. E., and Sundling.
Sunset, Incorporated: *See*—
Genske, H., assignor.
Suter, George D., Wauwatosa, assignor to Globe-Union Inc., Milwaukee, Wis. Spark plug. 142,595; Oct. 16.
Sutphen, Robert M., assignor to Couse Laboratories, Newark, N. J. Combination submarine and land tank. 143,365; Dec. 25.
Sutton, Harry A., assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Airplane. 140,919; Apr. 17.
Svenson, Ernest J., G. J. Peterson, and S. H. Stone, Rockford, assignors to Odin Corporation, Chicago, Ill. Pump. 140,523; Mar. 6.
Swainson, Anne: *See*—
Gutz, R. T., and Swainson.
Swainson, Anne, Chicago, and R. T. Gutz, Park Ridge, assignors to Montgomery Ward & Co., Incorporated, Chicago, Ill. Croquet rack. 142,353; Sept. 11.
Swanson, Donald F., Chicago, Ill. Automatic coffee urn or similar article. 141,943; July 31.
Swanson, Earl E., San Francisco, and R. Goudy, San Mateo, Calif. Milk carton stopper. 142,196; Aug. 14.
Swanson, Earl E., San Francisco, and R. Goudy, San Mateo, Calif. Milk carton tap. 142,197; Aug. 14.
Swanson, Hilbert E., Milwaukee, assignor to Universal Unit Machinery Corporation, West Allis, Wis. Combination hoisting and excavating machine power unit. 141,230; May 15.
Swanson, Ray, assignor of one-third to J. L. Wade, Los Angeles, and one-third to W. W. Lake, Pasadena, Calif. Mixer for butter or the like. 142,680; Oct. 23.
Swasey, Arthur M., Henderson, Ky. Casing for a calculating device. 142,044; Aug. 14.
Swofford, Peter J., Fort Worth, Tex. Extinguisher ash tray. 142,130; Aug. 14.
Sylvania Electric Products Inc.: *See*—
Creed, George J., assignor.
Maurette, René G., assignor.
Polotaye, Frank, assignor.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,487; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,488; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,489; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,490; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,491; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal. 140,492; Feb. 27.
Szrajer, Mieczyslaw, Forest Hills, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Doll. 140,969; Apr. 24.
Tackett, Walker W., North Hollywood, Calif. Toy building. 140,576; Mar. 13.
Tackett, Walker W., North Hollywood, Calif. Toy turreted building. 141,559; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy castle. 141,560; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy depot. 141,561; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy church. 141,567; June 12.
Tackett, Walker W., North Hollywood, Calif. Towered L building. 141,568; June 12.
Tackett, Walker W., North Hollywood, Calif. Toy stable. 141,591; June 12.
Tacón, Luis, and A. L. Cueva, New York, N. Y. Playing card holder or similar article. 142,176; Aug. 14.
Talge, Foster L., et al.: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski, assignors.
Majewski, J. M., Jr., and Talge, assignors.
Talge, Henry J., assignor.
Talge, H. J., and Martyr.
Talge, Henry J.: *See*—
Majewski, J. M., Jr., and Talge.
Talge, Henry J., et al.: *See*—
Abraham, Ray, assignor.
Lucas, K. B., and Majewski, assignors.
Talge, Henry J., assignor to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Can opener. 139,873; Jan. 2.
Talge, Henry J., assignor to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 140,395; Feb. 20.
Talge, Henry J., assignor to J. C. Hockery, and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Juice extractor. 140,396; Feb. 20.

Talge, Henry J., assignor to J. C. Hockery and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 140,454; Feb. 27.
Talge, Henry J., assignor to J. C. Hockery and F. L. and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Ice crusher. 140,455; Feb. 27.
Talge, Henry J., and C. Martyr, assignors to J. C. Hockery, F. L. Talge, and H. J. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Can opener. 142,307; Aug. 28.
Tamblyn, Gordon M., Denver, Colo. Laundry tongs or the like. 141,909; July 31.
Tandler, William S., and F. A. de Weiss, New York, N. Y., assignors to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,366; Dec. 25.
Tandler, William S., and F. A. De Weiss, New York, N. Y., assignors to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,367; Dec. 25.
Tandler, William S., and F. A. De Weiss, New York, N. Y., assignors to Continental Motors Corporation, Muskegon, Mich. Portable engine power unit housing. 143,368; Dec. 25.
Tanzi, Mario, Chicago, Ill. Earring or similar article. 140,722; Apr. 3.
Tanzi, Mario, Chicago, Ill. Brooch or similar article of jewelry. 141,129; May 8.
Tanzi, Mario, Chicago, Ill. Brooch or similar article of jewelry. 141,130; May 8.
Tanzi, Mario, Chicago, Ill. Brooch or similar article of jewelry. 142,045; Aug. 14.
Tatar, Frank, assignor to Know Your Bible Company, Cincinnati, Ohio. Bible book cover. 141,970; Aug. 7.
Tavianini, James, Los Angeles, Calif. Picture frame. 141,331; May 22.
Taylor, Auburn, Charleston, W. Va. Chair. 140,524; Mar. 6.
Taylor, Auburn, Charleston, W. Va. Combination vanity and table. 140,920; Apr. 17.
Taylor, Eldridge B., Cleveland, Ohio. Combined serving tray, receptacle, and game device. 142,798; Nov. 6.
Taylor, Florence E., et al.: *See*—
Du Bois, Joseph E., assignor.
Taylor, William C., Washington, D. C. Cigar and cigarette holder. 142,797; Nov. 6.
Teague, James, Jr., assignor to Associated Distributors, Inc., Chicago, Ill. Vanity case. 140,619; Mar. 20.
Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 140,456; Feb. 27.
Teague, Walter D., New York, N. Y., assignor to Illinois Watch Case Co., Elgin, Ill. Vanity case. 143,171; Dec. 11.
Teletype Corporation: *See*—
Zenner, Walter J., assignor.
Tellier, Andre, New York, N. Y. Game board. 140,457; Feb. 27.
Temko, Richard S., New York, N. Y. Plastic unit for use on handbags or the like. 143,101; Dec. 4.
Tennessee Enamel Manufacturing Company: *See*—
Calton, Robert G., assignor.
Terr, Joseph: *See*—
Glatthar, G. E., and Terr.
Terrell, Horace, assignor to Espey Manufacturing Company, New York, N. Y. Radio receiver cabinet. 141,708; June 26.
Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 141,792; July 3.
Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 141,999; Aug. 7.
Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 142,156; Aug. 14.
Terrell, Horace, assignor to Espey Manufacturing Company, Inc., New York, N. Y. Radio receiver cabinet. 142,207; Aug. 14.
Thieblot, Armand J., Hagerstown, Md., assignor to Fairchild Engine & Airplane Corporation. Ariplane. 140,220; Jan. 30.
Thiel, Bernard M., Mishawaka, Ind. Weighing scale. 142,536; Oct. 9.
Thomas, Chester A., Crystal, Lake, Ill. Milk testing device. 140,580; Mar. 13.
Thomas, Wilson I.: *See*—
McGonigle, V. J., and Thomas.
Thompson, Arthur E., Marysville, Calif. Water pressure sprayer. 141,623; June 19.
Thompson, Elmer B., and G. A. Estel, Jr., assignors, by mesne assignments, to Globe Milker, Inc., Des Moines, Iowa. Head unit for a milking machine. 143,369; Dec. 25.
Thompson, Harley G., San Francisco, Calif. Clock dial or similar article. 140,234; Feb. 6.
Thompson, Howard H., Santa Cruz, Calif. Book stand or similar article. 141,596; June 12.
Thompson, Josephus, Covington, Ohio, assignor of one-third to Grossman Music Company, Cleveland, Ohio. Whistle. 140,756; Apr. 3.
Thompson, Josephus, Covington, assignor of one-third to Grossman Music Company, Cleveland, Ohio, a partnership composed of J. I. and H. S. Grossman. Kazoo. 142,799; Nov. 6.
Thompson, Parke H., Glendale, assignor to Amp Corporation, St. Louis, Mo. Carbonator cabinet. 143,172; Dec. 11.
Thonet Brothers, Inc.: *See*—
Weill, Bruno R., assignor.
Thornton, Ray F., Dearborn, Mich. Dual motor power unit. 143,370; Dec. 25.
Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Steering wheel spinner knob. 141,293; May 22.
Thunder, James A., Chicago, Ill. Brooch or similar article. 141,178; May 8.
Thysse, John, Alameda, Calif. Diesel engine. 141,244; May 15.
Tiemeyer, Myrtle E., and E. E. Bates, St. Louis, Mo. Baby shoe. 142,749; Oct. 30.
Tilton, Danley, assignor to R. H. Clark, Los Angeles, Calif. Quartz orientation table unit. 140,064; Jan. 16.
Tilley, William J.: *See*—
Ferguson, Robert O., assignor.
Timm Aircraft Corporation: *See*—
Timm, Otto W., assignor.
Timm, Otto W., assignor to Timm Aircraft Corporation, Van Nuys, Calif. Vacuum cleaner. 142,198; Aug. 14.
Timmerman, Ben C., Hibbing, Minn. Child's rocking device. 142,046; Aug. 14.
Tinello, Paul N., assignor of fifty percent to A. Capparelli, Canastota, N. Y. Forty year calendar frame. 142,047; Aug. 14.
Tobey, Robert D., assignor to H. L. Kotkins doing business as Seattle Luggage Company, Seattle, Wash. Suitcase. 143,173; Dec. 11.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,027; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,028; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,029; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,030; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,031; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,032; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,033; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,034; Jan. 16.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,259; Feb. 6.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,260; Feb. 6.
Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 140,261; Feb. 6.
Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette dispenser or the like. 142,448; Sept. 25.
Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette case or similar article. 142,449; Sept. 25.
Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette case or similar article. 142,450; Sept. 25.
Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette case or similar article. 142,451; Sept. 25.
Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette dispenser or the like. 142,596; Oct. 16.
Toklas, Monroe B., assignor to Clearite Products, Inc., New York, N. Y. Cigarette dispenser or the like. 142,597; Oct. 16.
Tomek, Ernst J.: *See*—
Williams, D. J., and Tomek.
Tomlinson, Milton A., Cleveland, Tenn. Seal or similar article. 141,476; June 5.
Topping, Frank F., Muskegon Heights, Mich. Can opener. 141,399; May 29.
Touraine, Pierre J., Pasadena, Calif. Ring. 140,125; Jan. 23.
Tourneau, Henry K., New York, N. Y. Display case. 142,750; Oct. 30.
Toussaint, Stephen E.: *See*—
Alexander, D. B., and Toussaint.
Toussaint, Stephen E., Glen Ellyn, Ill. Cigarette box or similar article. 141,727; June 26.
Towle Manufacturing Company: *See*—
Nock, Harold E., assignor.
Trasso, Giovanni, Hanford, Calif. Smoking pipe. 143,371; Dec. 25.
Tratsch, Walter A.: *See*—
Haggstrom, Arthur C., assignor.
Trausneck, Herbert R.: *See*—
Wallen, G. R., and Trausneck.
Trew, James W.: *See*—
Wallace, G. W., and Trew.
Trifari, Krussman & Fishel Inc.: *See*—
Bachner, George, assignor.
Trilling, David M., et al.: *See*—
Trilling, D. M., and Rich, assignors.

Trilling, David M., Merion, and G. H. Rich, Philadelphia, assignors to D. M. Trilling, Merion, and H. Montague, Philadelphia, Pa. Space heater. 143,372; Dec. 25.
Trimz Company, Inc.: *See*—
Burton, William, assignor.
Tripplett & Barton Inc.: *See*—
Greene, Clarence K., assignor.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. License holder key chain with front action pencil tip. 142,330; Aug. 28.
Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 141,715; June 26.
Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 141,716; June 26.
Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Faucet. 141,717; June 26.
Trombley, Bertrand N., Oak Park assignor to The Murray Corporation of America, Detroit, Mich. Cooking stove. 141,841; July 10.
Trombley, Bertrand N., Oak Park, assignor to The Murray Corporation of America, Detroit, Mich. Combined faucet spray and escutcheon plate. 141,842; July 10.
Trook, Burt: *See*—
Eaton, H. W., and Trook.
Tucker, Harry S., Cleveland Heights, Ohio. Wheeled toy. 140,089; Jan. 23.
Tully, Joseph, Toronto, Ontario, Canada. Writing tip section of a fountain pen. 142,751; Oct. 30.
Tuomey, John D., Forest Hills, assignor to Union Aircraft Products Corporation, New York, N. Y. Electrical test plug. 140,458; Feb. 27.
Turet, David: *See*—
Ratkai, G. S., and Turet.
Turkel, Henry, Detroit, Mich. Biopsy needle unit. 142,358; Sept. 11.
Turnbull, William J., Towson, Md., and J. R. Ward, Stamford, Conn., assignors to The Glenn L. Martin Company, Baltimore, Md. Control handle unit. 140,090; Jan. 23.
Turner, Archibald, J., assignor to Wilson Athletic Goods Mfg. Co., Inc., Chicago, Ill. Baseball mitt. 140,846; Apr. 10.
Turner, Archibald J., assignor to Wilson Athletic Goods Mfg. Co., Inc., Chicago, Ill. Baseball glove. 140,859; Apr. 10.
Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 142,918; Nov. 13.
Tutrani, John, Brooklyn, N. Y. Toothbrush. 141,562; June 12.
Tuttle & Kift, Inc.: *See*—
Tuttle, William R., assignor.
Tuttle, William R., Riverside, assignor to Tuttle & Kift, Inc., Chicago, Ill. Electric heater. 142,598; Oct. 16.
Twente, Herbert H., Independence, Mo. Combination cabinet and table. 140,702; Mar. 27.
Tyler Fixture Corporation: *See*—
Shreve, Clifford B., assignor.
Tyler, Jerry, assignor.
Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Combination refrigerator and frozen food display. 140,198; Jan. 30.
Tyler, Jerry, assignor to Tyler Fixture Corporation, Niles, Mich. Produce display stand. 142,752; Oct. 30.
Ujlaki, George S., Company: *See*—
Wormley, Edward J., assignor.
Ullman, Martin, assignor to M. J. Waldinger, New York, N. Y. Mechanical pencil. 141,858; July 10.
Ullman, Martin, assignor to M. J. Waldinger, New York, N. Y. Fountain pen. 141,859; July 10.
Ulrich, Carl E., Chicago, Ill. Combined pocket comb and holder. 141,920; July 31.
Umbriago Corporation, et al.: *See*—
Durante, J., and Baker, assignors.
Uncas Manufacturing Company: *See*—
Barbieri, Nicholas, assignor.
Wagner, George P., assignor.
Underkofler, Francis J., Telford, Pa. Child's seat or the like. 140,126; Jan. 23.
Union Aircraft Products Corporation: *See*—
Tuomey, John D., assignor.
United Electric Controls Company: *See*—
Leupold, Henry G., assignor.
United-Rexall Drug Company: *See*—
Gelinas, Ralph J., assignor.
United States Envelope Company: *See*—
Bock, Vera, assignor.
United States Rubber Company: *See*—
Ewart, Elliott S., assignor.
United States Safety Service Co. et al.: *See*—
Moeller, William C., assignor.
U. S. Slicing Machine Company: *See*—
Ahrndt, Arthur H., assignor.
Universal Camera Corporation: *See*—
Case, P. H., and Johanson, assignors.
Kende, George, assignor.
Universal Fountain Pen & Pencil Company: *See*—
Goldman, Alex, assignor.
Universal Lighters Selling Company Ltd.: *See*—
Gostkowski, Bedri H., assignor.
Universal Unit Machinery Corporation: *See*—
Swanson, Hilbert E., assignor.
Unzicker, Charles C.: *See*—
Borchers, E. M., and Unzicker.
Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Bath tube or the like. 139,899; Jan. 2.
Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Bath tube or the like. 139,900; Jan. 2.
Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Corner bath tub or the like. 139,901; Jan. 2.
Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Combination lavatory and cabinet unit. 139,902; Jan. 2.
Urschel, Frank, St. Louis, Mo. Wallpaper. 142,919; Nov. 13.
Utica Drop Forge & Tool Corporation: *See*—
Johnson, Eugene L., Jr., assignor.
Miller, Alfred H., assignor.
Valentine, J. W., Company, Inc.: *See*—
Maibach, John J., assignor.
Vallevona, Antonio, Providence, R. I. Picture frame. 142,356; Sept. 11.
Vander Bloomen, Norbert, West De Pere, Wis. Wall shelf. 142,920; Nov. 13.
Vandeventer, Anna E., Riverside, Calif. Combination crib and cabinet. 142,266; Aug. 21.
Van Ess, John C., Jr., Melrose Park, Ill. Illuminable Christmas decoration. 140,633; Mar. 20.
Van Voorhis, William G.: *See*—
Hollmann, H., and Van Voorhis.
Varga, A.: *See*—
Dudas, Vincent, assignor.
Vasquez, John G., Hartford, Conn. Combined ash tray and holder for smokers' articles. 142,753; Oct. 30.
Vaughan Novelty Mfg. Co.: *See*—
La Forte, Michael J., assignor.
Vavrik, Louis, Rossford, assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Rotary power hand saw. 142,235; Aug. 21.
Vavrik, Louis, Rossford, assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Surface treating machine. 142,452; Sept. 25.
Veach, Berce L., St. Louis, Mo. Infant's boot. 142,157; Aug. 14.
Vendig, Malcolm A., Co., Inc.: *See*—
Beveridge, J. M., and Cowan, assignors.
Vermann, Charles, New York, N. Y. Calendar base or similar article. 140,921; Apr. 17.
Vernon, Ethel M.: *See*—
Paul, Walter, assignor.
Verrecchio, Gene, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 142,921; Nov. 13.
Via, Willard R., Panama City, Fla. Toothbrush holder, or similar article. 142,048; Aug. 14.
Victor Casket Hardware Company: *See*—
Pahlow, Gustav C., assignor.
Victor Electric Products, Inc.: *See*—
Spear, Walter A., assignor.
Victor Metal Products Corporation: *See*—
Derham, Philip A., assignor.
Derham, Philip T., assignor.
Jung, Albert H.
Newport, Jesse H., Jr., assignor.
Vidal Corporation: *See*—
Watson, Robert C., assignor.
Vining, Wesley K., Daytona Beach, Fla. Clothespin. 142,249; Aug. 21.
Vivaudou, Jean E., New York, N. Y. Handkerchief case. 143,251; Dec. 18.
Vivaudou, Jean E., New York, N. Y. Sachet bag. 143,252; Dec. 18.
Vivaudou, Jean E., New York, N. Y. Sachet bag. 143,253; Dec. 18.
Vivaudou, Jean E., New York, N. Y. Sachet case. 143,254; Dec. 18.
Vivaudou, Jean E., New York, N. Y. Herb bag. 143,255; Dec. 18.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,782; Apr. 10.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,783; Apr. 10.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,784; Apr. 10.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,785; Apr. 10.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,786; Apr. 10.
Vogelman, Philip A., New York, N. Y. Scarf or similar article. 140,787; Apr. 10.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,788; Apr. 10.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,789; Apr. 10.
Vogelman, Philip A., New York, N. Y. Textile fabric. 140,790; Apr. 10.
Von Frantzius, Peter, assignor to Sports, Inc., Chicago, Ill. Whistle. 141,400; May 29.
Von Rosenberg, Charles W., Kansas City, Mo. Smoking pipe. 142,922; Nov. 13.
Vreeland, George W., St. Paul, Minn. Picture frame spacer. 143,373; Dec. 25.
W-K-M Company, Inc.: *See*—
Downs, Jesse S., assignor.
Waddell, Dean T., Greenfield, Ohio. Display cabinet. 142,049; Aug. 14.

Wade, Jane Z., Duluth, Minn. Nightgown. 141,262; May 15.
Wade, John L., et al.: *See*—
Swanson, Ray, assignor.
Wade, Nancy L., Los Angeles, Calif. Candlestick. 140,938; Apr. 17.
Wagner, George P., Edgewood, R. I., assignor to Uncas Manufacturing Company. Finger ring. 140,235; Feb. 6.
Wagner, Gustave H.: *See*—
Wagner, Harold A., and G. H.
Wagner, Harold A. and G. H., Portland, Oreg. Truck crane. 140,592; Mar. 13.
Wagner, Jacob, Chicago, Ill. Combined folder for bills, pictures, cards, or the like. 142,923; Nov. 13.
Wagner, Paul, Burlington, Wis. Gate for dispensing liquids. 143,174; Dec. 11.
Wagner, Paul, Burlington, Wis. Lock lever faucet. 143,175; Dec. 11.
Wagner, Raebelle, Freehold, N. J. Combined reflector bulb and clamp. 140,581; Mar. 13.
Wahl, Louis F.: *See*—
Gilbert, E. Q., and Wahl.
Walden, Homer M., deceased, Houston, Tex.; L. T. Weber, executor. Finger ring. 143,374; Dec. 25.
Waldinger, M. J.: *See*—
Ullman, Martin, assignor.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 142,000; Aug. 7.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 142,001; Aug. 7.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 143,048; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 143,049; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Mechanical pencil. 143,050; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 143,051; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 143,052; Nov. 27.
Waldinger, Maurice J., Flushing, N. Y. Fountain pen. 143,053; Nov. 27.
Walhimer, Morris, New Haven, Conn. Container for cosmetics. 141,728; June 26.
Walhimer, Morris, New Haven, Conn. Tray for cosmetics. 141,971; Aug. 7.
Walhimer, Morris, New Haven, Conn. Display box or similar article. 142,504; Oct. 2.
Walker, Charles C., Winfield, Iowa. Voice recording machine casing. 141,131; May 8.
Walker, Charles C., Winfield, Iowa. Dust cover for voice recording machines. 141,646; June 19.
Walker, David H., Jr., Golf Club Tract, Calif. Beach chair. 141,231; May 15.
Walker, George W., Pleasant Ridge, Mich. Oil burner casing. 140,236; Feb. 6.
Walker, George W., Pleasant Ridge, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Locomotive. 141,529; June 12.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing or similar article. 141,894; July 31.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 142,453; Sept. 25.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,599; Oct. 16.
Walker, George W., Pleasant Ridge, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,600; Oct. 16.
Walker, George W., Detroit, Mich., assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 141,821; July 10.
Walker, George W., Detroit, Mich., assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 141,885; July 31.
Walker, George W., assignor, by mesne assignments, to H. D. Brotman, Detroit, Mich. Washing machine. 142,924; Nov. 13.
Walker, George W., assignor, by mesne assignments, to H. D. Brotman, Detroit, Mich. Washing machine. 142,925; Nov. 13.
Walker, George W., Detroit, Mich., assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle body. 143,256; Dec. 18.
Walker, George W., Pleasant Ridge, and K. A. Hopkins, Pontiac, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Converter for suction cleaners. 142,537; Oct. 9.
Walker, George W., Pleasant Ridge, and T. Ornas, Birmingham, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,972; Nov. 20.
Walker, George W., Pleasant Ridge, and K. H. Wittke, Berkley, assignors to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner casing. 142,973; Nov. 20.
Walker, George W., Pleasant Ridge, and K. A. Hopkins, Pontiac, Mich. Toaster or similar article. 143,054; Nov. 27.
Walker, Joset, New York, N. Y. Jacket. 140,138; Jan. 23.
Walker, Joset, New York, N. Y. Jacket. 140,139; Jan. 23.
Walker, Joset, New York, N. Y. Tunic blouse. 140,221; Jan. 30.
Walker, Joset, New York, N. Y. Dress. 141,583; June 12.
Walker, Joset, New York, N. Y. Dress. 142,454; Sept. 25.
Walker, Joset, New York, N. Y. Dress. 142,926; Nov. 13.
Walker, Perry, Kansas City, Mo. Airplane. 139,898; Jan. 2.
Wallace, George W., Waynesboro, and J. W. Trew, Gettysburg, Pa. Combined fruit display and container unit. 143,375; Dec. 25.
Wallace, R., & Sons Manufacturing Company: *See*—
Warren, William S., assignor.
Wallen, George R., and H. R. Trausneck, assignors to Anemostat Corporation of America, New York, N. Y. Window defrosting nozzle. 141,232; May 15.
Wallen, George R., and H. R. Trausneck, assignors to Anemostat Corporation of America, New York, N. Y. Window defrosting nozzle. 141,233; May 15.
Wallner, George M., Iron Mountain, Mich., assignor to D. W. Moor, Jr., and E. M. Belknap, Toledo, Ohio. Wheeled toy. 142,050; Aug. 14.
Walraven, George M., assignor to Snap-On Tools Corporation, Kenosha, Wis. Screwdriver or similar article. 142,267; Aug. 21.
Walsh Engineering Services, Inc.: *See*—
Klyce, Stephen D., assignor.
Walsh, Freeman R., Waltham, Mass. Manicure appliance. 142,177; Aug. 14.
Walther, John, New York, N. Y. Woven textile fabric. 140,970; Apr. 24.
Walther, John, New York, N. Y. Woven textile fabric. 140,971; Apr. 24.
Walther, John, New York, N. Y. Woven textile fabric. 140,972; Apr. 24.
Walther, John, New York, N. Y. Woven textile fabric. 141,332; May 22.
Walther, John, New York, N. Y. Woven textile fabric. 141,333; May 22.
Walther, John, New York, N. Y. Woven textile fabric. 141,334; May 22.
Walther, John, New York, N. Y. Woven textile fabric. 141,335; May 22.
Waltman, Chauncey E., assignor to Finders Manufacturing Company, Chicago, Ill. Electric broiler. 141,477; June 5.
Walton, David, New York, N. Y. Textile fabric. 139,963; Jan. 9.
Waltz, Thomas A., Cincinnati, Ohio. Heat treating apparatus for hardening metal pieces. 142,148; Aug. 14.
Wandt, Carl, New York, N. Y. Ornamental comb or similar article. 140,413; Feb. 20.
Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 142,754; Oct. 30.
Wanger, Clarence A., Washington, D. C. Condiment shaker or similar article. 141,709; June 26.
Wansker, Irving, New York, N. Y. Display box for stationery. 141,245; May 15.
War, The United States of America, as represented by the Secretary of: *See*—
Lavalle, John, assignor.
Warburton, Samuel: *See*—
French, G. F. and R., and Warburton.
Ward, James R.: *See*—
Turnbull, W. J., and Ward.
Ward, John B., assignor to Corning Glass Works, Corning, N. Y. Covered pitcher. 142,927; Nov. 13.
Ward, John S., Pasadena, assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 141,389; May 29.
Ward, John S., Pasadena, assignor to A. C. Mfg. Co., Van Nuys, Calif. Portable barbecue or similar article. 141,910; July 31.
Wargel, Charles F., and W. L. Brown, assignors to Bernardin Bottle Cap Co., Inc., Evansville, Ind. Can. 141,415; May 29.
Warman, Horace, assignor to Pictorial Machinery Limited, London, England. Photographic viewing and printing cabinet. 140,757; Apr. 3.
Warner, Boyd W., assignor to The Warner Brooder & Appliance Corporation, North Manchester, Ind. Electric water heater for stock tanks and the like. 142,505; Oct. 2.
Warner Brooder & Appliance Corporation, The: *See*—
Warner, Boyd W., assignor.
Warner, Michael M., Chicago, Ill. Spray gun or similar article. 142,601; Oct. 16.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 141,624; June 19.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 142,602; Oct. 16.
Waterman, E. G., & Company: *See*—
Waterman, Ezra G., assignor.
Waterman, Ezra G., Brooklyn, assignor to E. G. Waterman & Company, New York, N. Y. Knife. 140,397; Feb. 20.
Watson, Robert C., Bryn Mawr, Pa., assignor to Vidal Corporation, Camden, N. J. Chair seat-back unit. 142,800; Nov. 6.

Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,127; Jan. 23.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,128; Jan. 23.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,129; Jan. 23.
Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Airplane. 140,130; Jan. 23.
Webber, Charles H.: *See*—
Webber, Ralph, and C. H.
Webber, Ralph and C. H., New York, N. Y. Eyeshade. 140,833; Apr. 10.
Webber, Ralph and C. H., New York, N. Y. Eyeshade. 140,834; Apr. 10.
Weber, Lievin T., executor: *See*—
Walden, Homer M.
Weber, Robert, New York, N. Y. Optical frame. 140,271; Feb. 6.
Weed, Edward L., Providence, R. I. Finger ring. 142,603; Oct. 16.
Weeks, Wendy, assignor to National Silver Company. New York, N. Y. Spoon or other article of flatware. 140,262; Feb. 6.
Wehner, John M.: *See*—
Lear, W. P., and Wehner.
Wehner, John M., Culver City, Calif., assignor to Lear, Inc., Piqua, Ohio. Electric motor driven valve actuator. 140,493; Feb. 27.
Weidenhoff, Joseph, Inc.: *See*—
Yenni, W. H., and Gunder, assignors.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,458; Sept. 25.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,681; Oct. 23.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,682; Oct. 23.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,758; Oct. 30.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,801; Nov. 6.
Weill, Bruno R., Statesville, N. C., assignor to Thonet Brothers, Inc., New York, N. Y. Chair or similar article. 142,802; Nov. 6.
Weining, Earl O., assignor to Boeing Airplane Company, Wichita, Kans. Cockpit canopy or similar article. 142,974; Nov. 20.
Weisburgh, Herbert L., New Rochelle, N. Y. Combination radio and phonograph table. 143,376; Dec. 25.
Weisfield & Goldberg, Inc.: *See*—
Esh, Barnett, assignor.
Weiss, Eugene, Los Angeles, Calif. Razor blade sharpener for pencils. 141,270; May 15.
Weiss, Melvin V., Haddonfield, assignor to Radio Condenser Company, Camden, N. J. Dustproof multisection condenser. 141,478; June 5.
Weksler, Harry, assignor to Weksler Thermometer Corporation, New York, N. Y. Thermometer case. 140,091; Jan. 23.
Weksler, Harry, assignor to Weksler Thermometer Corporation, New York, N. Y. Thermometer case. 141,746; July 3.
Weksler Thermometer Corporation: *See*—
Weksler, Harry, assignor.
Weldon, Inc.: *See*—
Benjamin, Samuel P., Jr., assignor.
Weller, Albert K., and W. H. Dozier, Jr., Portland, Oreg. Combined desk and seat. 140,281; Feb. 6.
Wells, Arthur O., Detroit, Mich. Pair of tongs. 140,577; Mar. 13.
Wells, Edward C., D. J. Euler, and N. A. Collins, near Seattle, assignors to Boeing Aircraft Company, Seattle, Wash. Automobile. 142,455; Sept. 25.
Wells, Edward C., D. J. Euler, and N. A. Collins, near Seattle, assignors to Boeing Aircraft Company, Seattle, Wash. Automobile. 142,456; Sept. 25.
Wells, Edward C., D. J. Euler, and N. A. Collins, near Seattle, assignors to Boeing Aircraft Company, Seattle, Wash. Automobile. 142,457; Sept. 25.
Wells-Gardner & Co.: *See*—
Peterson, Clyde A., assignor.
Welsh, Lloyd R., Haskins, Ohio. Putting game device. 141,390; May 29.
Weltman, Charles, New York, N. Y. Toy or similar article. 140,884; Apr. 17.
Wemyss, Robert B., Louisville, Ky. Cigar box display case. 140,242; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar box display holder. 140,243; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar box display holder. 140,244; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar cannister display unit. 140,245; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar cannister display unit. 140,246; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Counter display rack for bagged peanuts. 140,247; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar box counter display. 140,248; Feb. 6.
Wemyss, Robert B., Louisville, Ky. Cigar counter display case. 141,911; July 31.
Wemyss, Robert B., Louisville, Ky. Cigar humidor display case. 141,912; July 31.
Wemyss, Robert B., Louisville, Ky. Counter display stand for packaged commodities. 142,131; Aug. 14.
Wemyss, Robert B., Louisville, Ky. Counter display for packaged commodities. 142,268; Aug. 21.
Wenger, Louis, Sabetha, Kans. Hoist attachment for tractors. 140,344; Feb. 13.
Werback, Arthur C., Garden City, N. Y. Service record shield. 140,185; Jan. 30.
Werkmeister, Vernon, Villa Park, assignor to Schneider Metal Manufacturing Company, Chicago, Ill. Sign supporting bracket. 142,604; Oct. 16.
Werring, Francis W., Haddon Heights, N. J. Toy. 140,723; Apr. 3.
Wesley, Michael L.: *See*—
Muhlbach, H. C., and Wesley.
West Bend Aluminum Company: *See*—
Ramsthal, Alfred F., assignor.
Westcamp, Leslie L., Fair Oaks, Calif. Toy. 141,886; July 31.
Westerlund, Edward A., Los Angeles, Calif. Comb. 141,460; June 5.
Western Metal Specialty Company: *See*—
Livesay, Hulet L., assignor.
Westernman, Albert L., Delaware County, assignor to American Viscose Corporation, Wilmington, Del. Lay figure. 142,459; Sept. 25.
Weston, Alexander S., New York, N. Y. Fluted cigar and cigarette lighter or similar article. 143,055; Nov. 27.
Weston, Alexander S., New York, N. Y. Table lighter or similar article. 143,377; Dec. 25.
West Virginia Glass Specialty Company, Incorporated: *See*—
Pertz, John, assignor.
Weyenberg, Henry, and C. Quist, assignors to Holland Furnace Company, Holland, Mich. Base for an oil burner or the like. 139,957; Jan. 9.
Weyenberg, Henry, and C. Quist, assignors to Holland Furnace Company, Holland, Mich. Oil burner. 140,620; Mar. 20.
Wheary, Warren, Evanston, Ill. Display rack. 141,319; May 22.
Wheatley, Charles S., Boston, Mass. Gun. 141,078; May 1.
Wheatley, Charles S., Boston, Mass. Gun or similar article. 142,269; Aug. 21.
Wheeler, Thomas L., Jr., Columbus, Ohio. Illuminable switch plate. 141,030; Apr. 24.
Wheeler, William N., Paris, Ky. Toy vehicle. 140,186; Jan. 30.
White, Norman W., Longport, N. J. Combined window shade and curtain. 142,538; Oct. 9.
White, Norman W., Longport, N. J. Curtain bracket. 142,539; Oct. 9.
White, Norman W., Longport, N. J. Curtain bracket. 142,540; Oct. 9.
White, Paul W., New Haven, Conn. Multiple drafting instrument or the like. 142,051; Aug. 14.
Whitehead, Della H., Del Rio, Tex. Mirror. 140,131; Jan. 23.
Whitehead, Della H., Del Rio, Tex. Dresser. 140,132; Jan. 23.
Whitehead, Della H., Del Rio, Tex. Dresser. 140,133; Jan. 23.
Whitehead, Della H., Del Rio, Tex. Table. 140,134; Jan. 23.
Whitehouse, John N., Camden, N. J. Fountain pen. 143,176; Dec. 11.
Widen, Gunnar G., Minneapolis, Minn. Game board. 140,885; Apr. 17.
Wieber, Joseph R., Corona, N. Y. Floral holder. 140,886; Apr. 17.
Wiener, Jack, New York, N. Y. Embroidered trimming or the like. 140,957; Apr. 24.
Wilcox, Henrietta, Brecksville, Ohio. Doll. 141,002; Apr. 24.
Wilder, George W., Brookfield, Conn. Night latch. 141,887; July 31.
Willamette Hyster Company: *See*—
Johnson, George V., assignor.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,132; May 8.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,133; May 8.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,271; May 15.
Williams, Cephas, Streator, Ill. Front end hydraulic loader. 141,272; May 15.
Williams, Daniel J., Fairfield, and E. J. Tomek, Danbury, Conn.; said Tomek assignor to said Williams. Filling machine. 141,416; May 29.
Williams, David H.: *See*—
Hite, W. A., Harvuot, and Williams.
Williams, Earl C., Seattle, Wash., assignor to G. H. Gill, Los Angeles, Calif. Eraser and holder therefor. 141,530; June 12.

Williams, Earl C., Seattle, Wash., assignor to G. H. Gill, Los Angeles, Calif. Combined eraser and brush with holder therefor. 141,531; June 12.
Williams, Eugene, Washington, Mo. Atomizer. 143,378; Dec. 25.
Williams, James D., Jr., Leavenworth, Ind. Toilet seat. 142,755; Oct. 30.
Williams, William E. and W. L., Los Angeles, Calif. Toy pistol. 141,452; June 5.
Williams, William G., Anaheim, Calif. Tie rack. 141,134; May 8.
Williams, William G., Anaheim, Calif. Game board. 142,236; Aug. 21.
Williams, William L.: *See*—
Williams, William E. and W. L.
Wilison Products, Inc.: *See*—
Shindel, Harry F., assignor.
Wilmot Castle Company: *See*—
Greppin, Ernest H., assignor.
Wilson Athletic Goods Mfg. Co., Inc.: *See*—
Turner, Archibald J., assignor.
Wilson, Harry H., Point Pleasant, N. J. Puzzle. 141,391; May 29.
Wilson, James E., assignor of one-fourth to G. C. Knight, Detroit, Mich., and one-fourth to D. G. Smith. Container for bottles and other articles. 140,404; Feb. 20.
Wilson, William W., Memphis, Tenn. Sofa bed hinge. 140,298; Feb. 6.
Windbiel, Joseph C., assignor to Mead Johnson & Company, Evansville, Ind. Bottle closure and dispensing device. 140,804; Apr. 10.
Wingfoot Corporation: *See*—
Brunner, Elmer F., assignor.
Winkler, Lillian S., Los Angeles, Calif. Lapel pin. 140,724; Apr. 3.
Winslow, Samuel J., Providence, R. I. Round-the-neck mirror. 140,582; Mar. 13.
Winslow, Samuel J., Providence, R. I. Hand mirror. 142,756; Oct. 30.
Winslow, Samuel J., Providence, R. I. Round-the-neck mirror. 142,759; Oct. 30.
Winston, George, and A. B. Sawyer, Brooklyn, assignors to Plastic Treasures Inc., New York, N. Y. Toy or similar article. 142,803; Nov. 6.
Winter, Arthur, Weehawken, N. J. Fountain pen. 140,151; Jan. 30.
Winter, Arthur, Weehawken, N. J. Nib section for a fountain pen or similar article. 141,747; July 3.
Winters & Crampton Corporation: *See*—
Stewart, Donald E., assignor.
Wise, Lawrence, assignor to Playette Corporation, New York, N. Y. Toy theater. 140,922; Apr. 17.
Wise, William F., assignor to The Aviation Corporation, Detroit, Mich. Container for bottles and other articles. 140,414; Feb. 20.
Wise, William F., and L. A. Fannon, Detroit, Mich., assignors to The Aviation Corporation, New York, N. Y. Container for bottles and other articles. 140,403; Feb. 20.
Wise, William F. and L. A. Fannon, Detroit, Mich, assignors to The Aviation Corporation, New York, N. Y. Container bottom. 140,415; Feb. 20.
Witt, Dorothy A., Wilmette, Ill. Compact. 141,860; July 10.
Wittke, Kurt H.: *See*—
Walker, G. W., and Wittke, assignors.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner dusting brush or similar article. 141,802; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner nozzle or similar article. 141,803; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner nozzle or similar article. 141,804; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner nozzle or similar article. 141,805; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Sprayer or similar article. 141,806; July 3.
Wittke, Kurt H., Berkeley, assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Suction cleaner brush or similar article. 141,807; July 3.
Wolf, Leo, Chicago, Ill. Pull toy. 141,453; June 5.
Wolf, Leo, Chicago, Ill. Pull toy. 141,454; June 5.
Wolf, Leo, Chicago, Ill. Toy. 141,514; June 5.
Wolf, Leo, Chicago, Ill. Toy. 141,972; Aug. 7.
Wolf, Leo, Chicago, Ill. Toy. 141,973; Aug. 7.
Wolf, Semon, New York, N. Y. Slip. 143,056; Nov. 27.
Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 140,436; Feb. 27.
Wolf, William, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 142,132; Aug. 14.
Wolfberg, Irene, Chicago, Ill. Toy figure. 142,605; Oct. 16.
Wolfe, Lester, U. S. Navy. Magnetic compass. 140,578; Mar. 13.
Wolfe & Mann Device Co.: *See*—
Pentz, B. H., and Berlin.
Wolfelt, Curt, New York, N. Y. Shoe. 140,545; Mar. 6.
Wolfelt, Curt, New York, N. Y. Combined shoe sole and heel. 140,703; Mar. 27.
Wolff, Asher, Brooklyn, N. Y. Combined bottle cap and measuring cup. 141,944; July 31.
Wolfson, Abe M., Chicago, Ill. Combined cigarette box and ash tray holder. 140,704; Mar. 27.
Wolock, Morris, New York, N. Y. Shoe. 142,461; Oct. 2.
Wolock, Morris, New York, N. Y. Shoe. 142,506; Oct. 2.
Wolock, Morris, New York, N. Y. Shoe. 142,507; Oct. 2.
Wood, Charles J., La Porte, Ind., assignor of one-half to G. W. Seng. Toy fire engine. 141,772; July 3.
Wood, Edward L., Detroit, Mich. Wheel cover. 139,874; Jan. 2.
Wood, Robert W., Swarthmore, assignor to J. D. Biever, Philadelphia, Pa. Wheeled toy. 141,098; May 8.
Wood, Robert W., Swarthmore, assignor to J. D. Biever, Philadelphia, Pa. Wheeled toy. 141,153; May 8.
Wood, Robert W., Swarthmore, assignor to J. D. Biever, Philadelphia, Pa. Wheeled toy. 141,154; May 8.
Woodruff, Albert E., Oak Park, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Receiver earpiece. 142,133; Aug. 14.
Woodruff, Frances E., Orange, N. J. Double bag for hot water or ice. 140,199; Jan. 30.
Woods, Fred D.: *See*—
Bauer, H. A., Woods, and Beckstrom.
Wormley, Edward J., assignor to G. S. Ujlaki Company, New York, N. Y. Receptacle for infant's food. 143,379; Dec. 25.
Woron, John S., Glastonbury, Conn. Cradle. 141,294; May 22.
Worth, Henry, and M. D. Goldsmith, New York City, N. Y. Bottle. 143,057; Nov. 27.
Wortman, Grant, Chicago, Ill. Place card holder. 142,757; Oct. 30.
Wright-Batchelder Corporation: *See*—
Wright, Wallace C., assignor.
Wright, Howard C., Glouster, Ohio. Rocking chair. 141,295; May 22.
Wright, Richard H., Cleveland Heights, Ohio. Valve handle. 142,928; Nov. 13.
Wright, Roy, Glenwood, Iowa. Pliers. 140,065; Jan. 16.
Wright, Wallace C., Brookfield, N. H., assignor to Wright-Batchelder Corporation, Boston, Mass. Shoe welt. 141,974; Aug. 7.
Wronke, Louis J., Des Plaines, assignor to S. N. Shure, and Frances Shure, trustee, doing business as Shure Brothers, Chicago, Ill. Phonograph pickup arm. 142,052; Aug. 14.
Wronke, Louis J., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Recessed speaker grille frame for a radio cabinet. 142,158; Aug. 14.
Wronke, Louis J., assignor, by mesne assignments, to Belmont Radio Corporation, Chicago, Ill. Recessed speaker grille frame for a radio cabinet. 142,159; Aug. 14.
Wurster, David, New York, N. Y., assignor to J. Bergman, Pittsburgh, Pa. Educational toy for teaching arithmetic. 142,053; Aug. 14.
Wydom, Herbert H., Brockton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Heel. 142,606; Oct. 16.
Wydom, Herbert H., Brockton, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Heel. 142,607; Oct. 16.
Wyse, Harold G., Dayton, Ohio. Tobacco pipe. 142,760; Oct. 30.
Wyszynski, Mary H., Hamtramck, Mich. Vegetable holder. 141,461; June 5.
Yager, Edward, Toledo, Ohio. Housing for wood planing machine. 143,178; Dec. 11.
Yandell, Anne, New York, N. Y. Sock or similar article. 141,336; May 22.
Yandell, Anne, assignor to Mary Chess, Inc., New York, N. Y. Sachet or similar article. 143,177; Dec. 11.
Yant, William P.: *See*—
Littlefield, J. B., Schneider, and Yant.
Yant, William P., and K. B. Ray, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Air purifying canister. 143,102; Dec. 4.
Yates, George, Glendale, Calif. Spring-clip hanger. 140,410; Feb. 20.
Yates, George, Glendale, Calif. Spring-clip hanger. 143,103; Dec. 4.
Yeager, Earnest C., McGregor, Tex. Clothespin. 142,683; Oct. 23.
Yenni, William H., and V. L. Gunder, Chicago, Ill., assignors to Joseph Weidenhoff, Inc. Engine testing equipment. 140,411; Feb. 20.
York Hoover Corporation: *See*—
Kuhlman, Carl A., assignor.
York Research Corporation: *See*—
Schlieben, Ernest W., assignor.
Yost, Jeannette E., Canton, Ohio. Millinery display stand. 140,579; Mar. 13.
Young, Clarence, assignor to The American Pad & Textile Company, Greenfield, Ohio. Tractor seat cushion or similar article. 141,592; June 12.
Young, Matthew L., Huntington Park, Calif. Duplex socket wrench. 142,054; Aug. 14.
Young, Nora M., Memphis, Tenn. Dol. 140,873; Apr. 10.
Young, Theodore F., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Caster. 140,887; Apr. 17.

Young, Theodore F., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Wheel with bracket mounting. 142,975; Nov. 20.

Young, Theodore F., Attica, assignor to Scott Aviation Corporation, Lancaster, N. Y. Airplane tail wheel. 142,976; Nov. 20.

Young, Willard G., Kenmore, assignor to W. A. Case and Son Manufacturing Company, Buffalo, N. Y. Lavatory. 143,104; Dec. 4.

Younghusband, James L., Chicago, Ill. Combination money clip and watch. 142,357; Sept. 11.

Youthform Dress Inc.: *See*— Garfinkle, Jerome, assignor.

Yuza, Rudolph, and J. W. Srodulski, assignors to A. Dalkin Co., Chicago, Ill. Beverage dispensing unit. 141,843; July 10.

Zabel, William C. P., and R. C. Helfenbein, Chicago, Ill. Strainer. 143,105; Dec. 4.

Zahn, Samuel, New York, N. Y. Jacket. 140,222; Jan. 30.
Zahn, Samuel, New York, N. Y. Jacket. 140,223; Jan. 30.
Zahn, Samuel, New York, N. Y. Jacket. 140,224; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 140,225; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 140,226; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 140,227; Jan. 30.
Zahn, Samuel, New York, N. Y. Dress. 142,438; Sept. 25.
Zahn, Samuel, New York, N. Y. Dress. 142,460; Sept. 25.
Zahn, Samuel, New York, N. Y. Dress. 142,804; Nov. 6.
Zahn, Samuel, New York, N. Y. Dress. 142,805; Nov. 6.

Zaiser, William, Rockville Center, N. Y. Piano. 141,296; May 22.

Zeiler, Christian, Morton, Ill. Tractor cab. 142,761; Oct. 30.

Zellweger, Gustav, Union City, N. J. Embroidered edging. 142,541; Oct. 9.

Zemby, Zachary, Los Angeles, Calif. Compact or similar article. 143,380; Dec. 25.

Zenith Optical Company: *See*— Guttmann, Eric S.

Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph cabinet. 140,135; Jan. 23.

Zephyr Manufacturing Co.: *See*— Jones, Dwight C., assignor.

Ziegfeld, Florenz W., Chicago, Ill. Drawing instrument. 142,608; Oct. 16.

Ziff-Davis Publishing Company: *See*— Elliston, Henrietta, assignor.

Zigmant, Frank, Los Angeles, Calif. Cigarette lighter. 143,381; Dec. 25.

Zimmer, Herman, Brooklyn, N. Y., assignor to Sun Glass Industries, Inc., Newark, N. J. Pair of frames for sun glasses or similar article. 140,835; Apr. 10.

Zimmerman, Charles E., Chicago, Ill. Glove. 142,806; Nov. 6.

Zimmerman, Edward C., Winnetka, assignor to Patent License Corporation, Chicago, Ill. Lens panel for a lighting fixture. 141,064; May 1.

Zimmerman, Samuel, New York, N. Y. Coat. 141,417; May 29.

Zimmerman, Samuel, New York, N. Y. Coat. 141,418; May 29.

Zimmerman, Samuel, New York, N. Y. Coat. 141,937; July 31.

Zinkel, Engelbert, San Francisco, Calif. Foldable exercising mat or similar article. 142,685; Oct. 23.

Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a sink and laundry tub supply fitting or the like. 141,988; Aug. 7.

Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Faucet handle or the like. 143,382; Dec. 25.

Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a bath supply fitting or the like. 143,383; Dec. 25.

Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a lavatory supply and waste fitting or the like. 143,384; Dec. 25.

Zinkil, Roy H., Oak Park, Ill., and H. Dreyfuss, New York, N. Y., assignors to Crane Co., Chicago, Ill. Cover plate for a beveled panel back lavatory supply and waste fitting or the like. 143,385; Dec. 25.

Zorichak, William A., Cloquet, Minn. Watch bracelet. 142,684; Oct. 23.

Zwald, Adolph, assignor to Hyster Company, Portland, Oreg. Portable yarder. 141,135; May 8.

LIST OF DISCLAIMERS

Adler, Herman G., Detroit, Mich. Disclaimer filed by the assignee, King-Seeley Corporation. No. 2,212,890; disclaimer filed June 20, 1945; v. 576; p. 374.

Alexander, Focsaneanu, New York, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,203,482; disclaimer filed Aug. 21, 1945; v. 579; p. 152.

Alexanderson, Ernst F. W., and Martin A. Edwards, Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,227,992; disclaimer filed June 22, 1945; v. 576; p. 374.

Bair, James G., Pittsburgh, and Joseph T. Shell, Zellenople, Pa. Disclaimer filed by the inventors. No. 2,333,507; disclaimer filed July 31, 1945; v. 578; p. 1.

Baker, Harold J., Jr., Flossmoor, Ill., and William Mendius, Munster, Ind. Disclaimer filed by the assignee, Sinclair Refining Company. No. 2,242,771; disclaimer filed June 22, 1945; v. 576; p. 374.

Barrows, Donald S., Rochester, N. Y. Disclaimer filed by the inventor and the assignee, The Symington-Gould Corporation. No. 2,186,935; disclaimer filed Oct. 25, 1945; v. 580; p. 501.

Birdseye, Clarence, Gloucester, Mass. Disclaimer filed by the assignee, Mechanical Research, Inc. No. 2,263,452; disclaimer filed Jan. 12, 1945; v. 571; p. 175.

Blackburn, Charles Marvin, Indianapolis, Ind. Disclaimer filed by the assignee, P. R. Mallory & Co., Inc. No. 2,297,607; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Blanchard, Rolla F., Westfield, N. J., and William B. Blanton, Merrick, and Harry L. Browne, Brooklyn, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,193,811; disclaimer filed May 22, 1945; v. 576; p. 9.

Blanton, William B., Merrick, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,193,812; disclaimer filed May 22, 1945; v. 576; p. 9.

Brantingson, Sigurd, Hamden, Conn. Disclaimer filed Mar. 24, 1945, by the assignee, Sargent & Company. No. 2,300,905; disclaimer filed Mar. 24, 1945; v. 574; p. 1.

Brown, Charles H., Baldwin, N. Y. (Two cases.) Disclaimer filed by the assignee, Radio Corporation of America. No. 2,280,026; disclaimers filed Dec. 2, 1944, and Sept. 6, 1945; v. 570; p. 1; and v. 579; p. 152.

Burton, William, Chicago, Ill. (Ten cases.) Disclaimers filed by the inventor and the assignee, Trimz Company, Inc. Des. Nos. 136,427, 136,428, 136,431, 136,432, 136,482, 136,485, 136,542, 136,545, 136,546, and 136,573; disclaimers filed Sept. 8, 1945; v. 579; p. 151 and 152.

Burton, William, Chicago, Ill. Disclaimer filed by the inventor and the assignee, United Wall Paper Factories, Inc. Des. No. 138,257; disclaimer filed Oct. 11, 1945; v. 580; p. 153.

Cassen, Benedict, Pittsburgh, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,342,789; disclaimer filed Feb. 16, 1945; v. 572; p. 539.

Clark, Thomas B., Rockford, Ill. Disclaimer filed by the assignee, The Permutit Company. No. 1,903,957; disclaimer filed Sept. 21, 1945; v. 579; p. 519.

Clark, William Russell, Abington, Pa. Disclaimer filed by the assignee, Leeds and Northrup Company. No. 2,318,197; disclaimer filed Sept. 4, 1945; v. 579; p. 1.

Collom, Cletus J., Detroit, Mich. Disclaimer filed by the inventor. No. 2,276,933; disclaimer filed Dec. 11, 1944; v. 570; p. 345.

Danzier, Harold I., New York, N. Y. Disclaimer filed by the assignee, Condenser Corporation of America. No. 1,940,847; disclaimer filed May 8, 1945; v. 575; p. 1.

Devine, George F., Easton, Conn. Disclaimer filed by the assignee, General Electric Company. No. 2,369,952; disclaimer filed Sept. 20, 1945; v. 579; p. 699.

Dotterweich, Andrew J., Pittsburgh, Pa. Disclaimer filed by the assignee, The Permutit Company. No. 1,954,405; disclaimer filed Sept. 21, 1945; v. 579; p. 519.

Driver, John M., San Francisco, Calif. Disclaimer filed by the assignee, Sylvia F. Driver. No. 2,019,401; disclaimer filed Mar. 30, 1945; v. 574; p. 1.

Eastman, Du Bois, and Charles Richker, Port Arthur, Tex. Disclaimer filed by the assignee, The Texas Company. No. 2,348,794; disclaimer filed Jan. 3, 1945; v. 570; p. 663.

Ekkebus, Eloy D., Mount Prospect, Ill. Disclaimer filed by the assignee, Chicago Belting Company. No. 2,309,446; disclaimer filed Jan. 27, 1945; v. 571; p. 352.

Fitch, Raymond L., Buffalo, N. Y. Disclaimer filed by the inventor. No. 2,277,431; disclaimer filed Oct. 1, 1945; v. 580; p. 153.

Flanagan, John E., Chicago, Ill. Disclaimer filed by the inventor. No. 2,319,925; disclaimer filed May 1, 1945; v. 575; p. 208.

Fröhlich, Alfred, Dessau, Germany. Disclaimer filed by the assignee, General Aniline & Film Corporation. No. 2,320,422; disclaimer filed Jan. 31, 1945; v. 572; p. 1.

Gainsley, Sheldon H., Minneapolis, Minn. Disclaimer filed by the inventor. No. 2,352,676; disclaimer filed June 4, 1945; v. 576; p. 10.

Goodridge, Edward S., Port Washington, N. Y. Disclaimer filed by the assignee, Induction Heating Corp. Re. No. 22,322; disclaimer filed June 7, 1945; v. 576; p. 165.

Grebe, John J., and Ross T. Sanford, Midland, Mich. Disclaimer filed by the assignee, The Dow Chemical Company. No. 1,877,504; disclaimer filed Apr. 2, 1945; v. 574; p. 1.

Harder, Edwin L., Forest Hills, and Edward H. Klemmer, Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric Corporation, formerly Westinghouse Electric & Manufacturing Company. No. 2,240,699; disclaimer filed Aug. 1, 1945; v. 578; p. 1.

Harlan, Avery S., Detroit, Mich., and Victor S. Crane and Paul R. Honan, near Lebanon, Boone County, Ind. Disclaimer filed by the assignee, Honan-Crane Corporation. No. 2,153,062; disclaimer filed Mar. 14, 1945; v. 573; p. 361.

Hays, Russell R., Wellsville, Kans. Disclaimer filed by the patentee. No. 2,086,802; disclaimer filed Dec. 18, 1944; v. 570; p. 663.

Hight, Stuart C., South Orange, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,343,059; disclaimer filed Jan. 30, 1945; v. 572; p. 1.

Hollander, Aladar, Berkeley, Calif. Disclaimer filed by the assignee, Byron Jackson Co. No. 1,997,824; disclaimer filed Feb. 5, 1945; v. 572; p. 1.

Johnson, Joseph N., Irwin, Calif. Disclaimer filed by the inventor. No. 1,866,771; disclaimer filed Sept. 25, 1945; v. 579; p. 699.

Journeaux, Didier, Wauwatosa, Wis. Disclaimer filed by the assignee, Allis-Chalmers Manufacturing Company. No. 2,364,981; disclaimer filed June 8, 1945; v. 576; p. 165.

Kelly, Louis J., Teaneck, N. J. Disclaimer filed by the assignee, The M. W. Kellogg Company. No. 2,302,328; disclaimer filed Apr. 19, 1945; v. 574; p. 783.

Keyes, John J., Edgewood, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,234,560; disclaimer filed Jan. 20, 1945; v. 571; p. 352.

Knorr, Angelo, Berlin-Tempelhof, Germany. Disclaimer filed by the assignee, Winthrop Chemical Company, Inc. No. 1,899,340; disclaimer filed May 5, 1945; v. 575; p. 208.

Knowles, Dewey D., Forest Hills, Pa., and Cecil E. Haller, Bloomfield, N. J. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,310,092; disclaimer filed Mar. 15, 1945; v. 573; p. 361.

Lancaster, T. John, Newton, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 2,293,834; disclaimer filed Jan. 27, 1945; v. 571; p. 513.

Langdon, Jesse D., Los Angeles, Calif. Disclaimer filed by the inventor. No. 2,336,486; disclaimer filed Feb. 14, 1945; v. 572; p. 185.

Lehde, Henry, Brooklyn, N. Y. Disclaimer filed by the assignee, The Brown Instrument Company. No. 2,347,200; disclaimer filed Feb. 28, 1945; v. 573; p. 1.

Lindemann, Walter C., and Edwin A. Rutenber, Milwaukee, Wis. Disclaimer filed by the assignee, Automatic Products Company. No. 1,818,563; disclaimer filed July 2, 1945; v. 577; p. 1.

Linder, Ernest G., Philadelphia, Pa. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,276,320; disclaimer filed Jan. 30, 1945; v. 572; p. 185.

Litton, Charles V., Redwood City, Calif. (Two cases.) Disclaimers filed by the assignee, International Standard Electric Corporation. Nos. 2,304,186 and 2,309,966; disclaimers filed May 8, 1945; v. 575; p. 208.

Ludwig, Leon R., Wilkinsburg, and James H. Frakes, Edgewood, and Stanley T. Schofield, deceased, late of Wilkinsburg, Pa., by Martha M. Schofield, administratrix, Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Elec. & Mfg. Co. No. 2,272,717; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

MacNeill, John B., Wilkinsburg, Benjamin P. Baker, Turtle Creek, and Andrew H. Bakken, Edgewood, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,281,042; disclaimer filed Mar. 3, 1945; v. 573; p. 1.

Manville, Keith R., Highland Park, N. J. Disclaimer filed by the inventor. No. 2,259,527; disclaimer filed Aug. 24, 1945; v. 578; p. 281.

McCluskey, Francis J., and George W. Goldner, St. Louis, Mo. Disclaimer filed by the assignee, James R. Kearney Corporation. No. 2,246,807; disclaimer filed May 25, 1945; v. 576; p. 10.

Michael, Oscar Stewart, Foxboro, Mass. Disclaimer filed by the assignee, The Foxboro Company. No. 2,277,365; disclaimer filed Nov. 29, 1945; v. 581; p. 515.

Mittag, Albert H., Schenectady, N. Y. (Two cases.) Disclaimer filed by the assignee, General Electric Company. No. 2,362,294; disclaimers filed July 27 and Oct. 9, 1945; v. 578; p. 1; and v. 580; p. 153.

Moe, Herman A., Warwick, R. I. Disclaimer filed by the assignee, Boston Wire Stitcher Company. No. 2,277,931; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Orshansky, Elias, Jr., Deep River and Conrad Gerhard Moller, 3rd., New Canaan, Conn. Disclaimer filed by the assignee, Marquette Metal Products Company. No. 2,225,082; disclaimer filed Feb. 3, 1945; v. 572; p. 1.

Parker, Gordon S., Edgewood, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,301,746; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

Perry, Lewis A., Seattle, Wash. Disclaimer filed by the assignee, Pioneer Sand and Gravel Company. No. 1,898,890; disclaimer filed Apr. 4, 1945; v. 574; p. 185.

Peter, Edmund W. A., Vancouver, British Columbia, Canada. Disclaimer filed by the inventor and the licensee, The Bates Manufacturing Company. No. 2,115,537; disclaimer filed Oct. 17, 1945; v. 580; p. 501.

Pomeroy, Roy J., Los Angeles, Calif. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,923,746; disclaimer filed Dec. 12, 1944; v. 570; p. 185.

Prewitt, Richard H., Lansdowne, Pa. Disclaimer filed by the patentee. No. 2,234,196; disclaimer filed May 22, 1945; v. 576; p. 165.

Richter, Herman W., Bridgewater, and Harold R. Gillette, Newton Highlands, Mass. Disclaimer filed by the inventors; the assignee, Federal Electric Company, Inc., approving and concurring. No. 2,264,189; disclaimer filed June 23, 1945; v. 576; p. 374.

Rickus, George M., Norwalk, Conn. Disclaimer filed by the assignee, Hat Corporation of America. No. 2,322,255; disclaimer filed Sept. 11, 1945; v. 579; p. 152.

Ridings, Garvice H., Summit, and Raleigh J. Wise, Dunnellen, N. J. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,386,263; disclaimer filed Oct. 31, 1945; v. 581; p. 165.

Roberts, Eugene, Hastings, N. Y. (Three cases.) Disclaimers filed by the assignee, The Western States Machine Company. Nos. 2,096,341 and 2,145,633; disclaimers filed June 30 and July 3, 1945; v. 576; p. 391 and v. 577; p. 1.

Rode, Fredrich J., Chicago, Ill. (Three cases.) Disclaimer filed by the inventor; the licensee, E. W. Bliss Company, approving and consenting. Nos. 1,773,438, 1,918,784 and 1,834,111; disclaimers filed Feb. 21 and July 27, 1945; v. 572; p. 539; and v. 578; p. 1.

Satterlee, Howard A., Bryan, Ohio. Disclaimer filed by the inventor; the assignee, The Aro Equipment Corporation, joining in and approving. No. 2,327,069; disclaimer filed Sept. 26, 1945; v. 579; p. 699.

Schorn, Carl F., Detroit, Mich. Disclaimer filed by the inventor; the assignors, George M. Holley and Earl Holley, consenting. No. 2,324,599; disclaimer filed Sept. 7, 1945; v. 579; p. 152.

Schott, John F., Mishawaka, Ind. Disclaimer filed by the assignee, Mishawaka Rubber and Woolen Manufacturing Company. No. 2,327,001; disclaimer filed Dec. 7, 1944; v. 570; p. 1.

Schuh, Arthur E., Riverton, N. J. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,280,981; disclaimer filed Oct. 30, 1945; v. 581; p. 165.

Shack, Irving, Brooklyn, N. Y., and Edwin A. Wilson, Rutherford, N. J. Disclaimer filed by the assignee, Interchemical Corporation. No. 2,342,429; disclaimer filed May 26, 1945; v. 576; p. 10.

Shaw, Burton E., Bristol, Ind. Disclaimer filed by the inventor; the assignee, Penn Electric Switch Co., consenting. No. 2,308,313; disclaimer filed May 14, 1945; v. 575; p. 561.

Simpson, Waldo P., Lansdowne, and Clyde E. Stewart, Upper Darby, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,325,432; disclaimer filed Nov. 14, 1945; v. 581; p. 515.

Smith, Arthur L., Torrance, Calif. Disclaimer filed by the assignee, Lane-Wells Company. No. 2,292,670; disclaimer filed Apr. 17, 1945; v. 574; p. 783.

Smith, Horace S., and Nolan E. Dickason, Kinsman, Ohio. Disclaimer filed by the assignee, L. W. Vizay Corporation. No. 2,307,427; disclaimer filed Feb. 16, 1945; v. 572; p. 539.

Spanel, Abraham N., New York, N. Y. Disclaimer filed by the inventor. No. 2,324,735; disclaimer filed Feb. 10, 1945; v. 572; p. 185.

Stone, Malcolm B., Milton, and William P. Williamson, Ludlow, Mass. Disclaimer filed by the assignee, Ludlow Manufacturing & Sales Co. No. 1,893,809; disclaimer filed Dec. 27, 1944; v. 570; p. 515.

Tack, Carl E., Chicago, Ill. Disclaimer filed by the assignee, American Steel Foundries. No. 2,355,120; disclaimer filed Oct. 17, 1945; v. 580; p. 153.

Tetzlaff, Benjamin A., Riverside, Ill. Disclaimer filed by the inventor. No. 2,278,337; disclaimer filed Dec. 14, 1944; v. 570; p. 345.

Tolman, Samuel L., Columbus, Ohio. Disclaimer filed by the assignee, The Jeffrey Manufacturing Company. No. 2,349,390; disclaimer filed July 2, 1945; v. 576; p. 374.

Traylor, Waldorf S., Newport, Del. Disclaimer filed by the assignee, Hercules Powder Company. No. 2,273,425; disclaimer filed Apr. 11, 1945; v. 574; p. 185.

Vickery, Norman P., Brockton, Mass. (Two cases.) Disclaimer filed by the assignee, The American Fork & Hoe Company. Nos. 2,250,429 and 2,250,441; disclaimers filed May 18, 1945; v. 576; p. 10.

Voss, John H., Downers Grove, Ill. Disclaimer filed by the assignee, Automatic Electric Laboratories, Inc.; the inventor consenting and joining in. Re. No. 22,413; disclaimer filed June 22, 1945; v. 576; p. 374.

Westenberg, Joseph E., Chicago, Ill. Disclaimer filed by the assignee, Universal Oil Products Company. No. 2,338,272; disclaimer filed Apr. 5, 1945; v. 574; p. 1.

Weygand, Friedrich, Heidelberg, Germany. Disclaimer filed by the assignee, Winthrop Chemical Company, Inc. No. 2,354,846; disclaimer filed May 5, 1945; v. 575; p. 208.

Wheeler, Evan R., and Ray Hoover, Plainfield, N. J., and Robert F. Dirkes, Jamaica, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,193,810; disclaimer filed May 22, 1945; v. 576; p. 9.

Winter, Charles L., Chicago, Ill. Disclaimer filed by the assignee, United Autographic Register Co. No. 2,265,466; disclaimer filed Apr. 9, 1945; v. 574; p. 185.

LIST OF PLANT INVENTIONS

Apple tree. A. F. Etter. 659; Aug. 28.
Avocado tree. M. M. Graham. 662; Nov. 27.
Cherimoya tree. W. H. Ott. 656; Mar. 27.
Chrysanthemum plant. E. Prushek. 660; Oct. 9.
Crab apple tree. A. F. Etter. 658; June 5.
Gardenia plant. T. Yoshioka. 654; Mar. 13.
Gladiolus plant. E. A. Briggs. 650; Feb. 20.
Orange tree. H. E. Cornell. 657; Apr. 17.
Peach tree. J. D. Davis. 651; Feb. 27.
Peach tree. W. E. Lammerts. 661; Nov. 20.
Red raspberry plant. B. D. Drain. 653; Mar. 6.
Rose plant. W. Armacost. 649; Feb. 6.
Rose plant. C. G. Duehrsen. Pl. Pt. 664; Dec. 25.
Rose plant. F. H. Howard. 663; Dec. 11.
Rose plant. F. H. Howard. Pl. Pt. 665; Dec. 25.
Rose plant. T. J. Morris. 652; Mar. 6.
Sugar cane, Variety of. B. A. Bourne. 655; Mar. 20.

LIST OF INVENTIONS

Abietates and manufacture, Organic phosphorous. E. F. Engelke. 2,377,870; June 12.
Abnormal motor condition indicator. P. H. Morse. 2,377,569; June 5.
Abrading and polishing device. W. Krieger. 2,370,864; Mar. 6.
Abrading apparatus. W. L. Keefer. 2,368,664; Feb. 6.
Abrading apparatus. P. J. Potter. 2,385,728; Sept. 25.
Abrading apparatus. W. A. Rosenberger. 2,369,408; Feb. 13.
Abrading apparatus. L. E. Thompson. 2,383,829; Aug. 28.
Abrading machine. G. A. Bourgeois. 2,368,108; Jan. 30.
Abrading machine, Automatic. G. A. Carlson. 2,377,991; June 12.
Abrading machine knee. L. E. Thompson. 2,375,149; May 1.
Abrading machine work support. L. E. Thompson. 2,367,156; Jan. 9.
Abrading or buffing pad. G. D. Rice. 2,370,491; Feb. 27.
Abrading wheel. G. W. Rochwald. 2,387,296–8; Oct. 23.
Abrading wheel dressing means. A. G. Christel and K. Fuchs. 2,376,959; May 29.
Abrasion resistance testing apparatus for insulated wire. H. K. Graves. 2,373,115; Apr. 10.
Abrasive article. G. F. Keeleric. 2,367,286; Jan. 16.
Abrasive article. G. F. Keeleric. 2,370,970; Mar. 6.
Abrasive article and manufacturing the same. P. H. Rhodes. 2,385,371; Sept. 25.
Abrasive article, Making an. A. G. Scutt. 2,379,544; July 3.
Abrasive article mounted on a backing plate, Reinforced. W. M. Wheildon, Jr. 2,378,271; June 12.
Abrasive articles. C. E. Drake. 2,381,266–7; Aug. 7.
Abrasive articles. R. I. Dunlap and R. J. Schatz. 2,389,491; Nov. 20.
Abrasive articles. H. C. Martin and F. A. Upper. 2,371,700; Mar. 20.
Abrasive articles and manufacturing the same. N. P. Robie and O. L. Mahlman. 2,369,689; Feb. 20.
Abrasive articles, Making. R. A. Baumgartner. 2,378,386; June 19.
Abrasive articles, Making. G. F. Keeleric. 2,368,473; Jan. 30.
Abrasive articles, Making. F. A. Upper. 2,375,263; May 8.
Abrasive articles, Manufacture of. D. B. Sharpe. 2,383,519; Aug. 28.
Abrasive belt, band, and the like, Spliced. T. J. Miller and R. G. Riedesel. 2,391,731; Dec. 25.
Abrasive block. G. Bafin. 2,371,374; Mar. 13.
Abrasive bodies, Composition for treating. J. P. Buckey. 2,367,995; Jan. 23.
Abrasive bonding alloy. H. Kott. 2,367,407; Jan. 16.
Abrasive, Coated. N. E. Oglesby. 2,375,814; May 15.
Abrasive composition and forming same. H. Kott. 2,367,405; Jan. 16.
Abrasive composition of matter and forming same. H. Kott. 2,367,404; Jan. 16.
Abrasive compositions. R. S. Daniels and A. J. Mostello. 2,385,776; Oct. 2.
Abrasive compositions and forming same. H. Kott and M. Yawitz. 2,367,358; Jan. 16.
Abrasive machine. D. Pronovost. 2,380,789; July 31.
Abrasive material. H. F. Fruth. 2,378,399; June 19.
Abrasive material, Aluminous. H. N. Baumann, Jr., and C. E. Wooddell. 2,383,035; Aug. 21.
Abrasive material, Making. F. R. Perry. 2,383,988; Sept. 4.
Abrasive materials, Method and apparatus for manufacturing. E. Hurst. 2,369,462; Feb. 13.
Abrasive products and manufacture. R. L. Smith. 2,389,462; Nov. 20.
Abrasive stick holder. P. Matton. 2,377,953; June 12.
Abrasive tool. R. Ellis. 2,379,569; July 3.
Abrasive tool. L. Nussbaum. 2,391,589; Dec. 25.
Abrasive tube drill. H. V. Allison. 2,368,397; Jan. 30.
Abrasives, Making coated. N. E. Oglesby. 2,375,813; May 15.
Abrasives, Manufacture of. R. P. Carlton. 2,370,636; Mar. 6.
Abrasives, Manufacture of. R. P. Carlton. 2,376,342–3; May 22.
Abrasives, Producing. A. F. Turner. 2,371,786; Mar. 20.
Absorbent holder. P. N. Condit. 2,382,385; Aug. 14.
Absorbent materials, Production of. C. I. Haney and M. E. Martin. 2,372,669; Apr. 3.
Absorption bases. K. R. Brown. 2,372,807; Apr. 3.
Accelerating device. M. J. Kittler and R. L. Ensinger. 2,387,271; Oct. 23.
Accelerating mechanism, Web. I. Tornberg. 2,385,659; Sept. 25.
Accelerator, Blood clotting. I. A. Parfentjev. 2,369,111; Feb. 6.
Accelerator for vulcanization of rubber. G. E. P. Smith, Jr. 2,367,827; Jan. 23.
Accelerator, Rubber. A. R. Davis. 2,387,834; Oct. 30.
Accelerator, Vulcanization. E. L. Carr. 2,381,384; Aug. 7.
Accelerator, Vulcanization. G. E. P. Smith, Jr., and E. L. Carr. 2,381,392; Aug. 7.
Accelerators. G. W. Watt. 2,382,524; Aug. 14.
Accelerators of vulcanizations. A. F. Hardman. 2,385,275; Sept. 18.
Accelerators, Rubber vulcanization. R. T. Dean. 2,385,335; Sept. 25.
Accelerators, Vulcanization. R. T. Armstrong. 2,382,769; Aug. 14.
Accelerators, Vulcanization. R. S. Hanslick. 2,386,457; Oct. 9.
Accelerometer. W. W. Bentley, Jr. 2,386,777; Oct. 16.
Accelerometer. R. B. Cottrell. 2,377,212; May 29.
Accessory device, Gun feed. J. C. Trotter and J. L. Jewett. 2,377,828; June 5.
Accessory fixture, Electric outlet. A. Fleckenstein. 2,385,620; Sept. 25.
Accessory, Floral. C. H. Walker. 2,390,858; Dec. 11.
Accommodations in vehicles, Passenger. T. de Roode. 2,382,402; Aug. 14.
Accordion, Piano. F. Kostka. 2,385,286; Sept. 18.
Accounting and filing system. H. Weston. 2,374,965; May 1.
Accounting and filing system. H. Weston. 2,385,593; Sept. 25.
Accounting and statistical system. R. Bruce. 2,366,998; Jan. 9.
Accounting device, Mobile. A. K. Watson, W. L. Lewis, and J. L. Walsh. 2,390,479; Dec. 4.
Accounting machine. A. R. Colley. 2,390,870; Dec. 11.
Accounting machine. G. F. Daly. 2,377,762; June 5.
Accounting machine. W. S. Gubelmann. 2,376,481; May 22.
Accounting machine. A. G. Kibler. 2,371,525; Mar. 13.
Accounting machine. W. J. Kreider. 2,381,546; Aug. 7.
Accounting machine. H. Rauh. 2,371,914; Mar. 20.
Accounting machine. W. H. Robertson and W. E. Eickman. 2,369,252; Feb. 13.
Accounting machine. G. P. Smith and F. C. Gressel. 2,387,861; Oct. 30.
Accounting machine. P. Spurlino, E. H. Placke, W. E. Eickman, and A. G. Kramer. 2,373,510; Apr. 10.
Accounting machine. P. Spurlino, W. M. Carroll, A. R. Colley, and A. G. Kibler. 2,375,594; May 8.
Accounting machine. P. Spurlino and K. Rauch. 2,390,396; Dec. 4.
Accounting machine. J. N. Wheeler. 2,388,354; Nov. 6.
Accounting machine, Record controlled. S. Brand and J. M. Cunningham. 2,375,275; May 8.
Accounting machine, Record controlled. T. E. Torkelson. 2,375,332; May 8.
Accounting machine, Typewriting. E. Mez, F. Pott, and W. Heinze. 2,390,163; Dec. 4.
Accounting means. A. H. Dickinson. 2,377,764; June 5.
Accumulator. W. A. Lippincott. 2,371,632–3; Mar. 20.
Accumulator. W. A. Lippincott. 2,389,791–2; Nov. 27.
Accumulator. W. C. Trautman. 2,378,517; June 19.
Accumulator. J. W. White. Re. 22,653; June 26.
Accumulator, Electric. P. W. Taylor. 2,384,978; Sept. 18.
Accumulator plate, Dry charged. M. F. Chubb and P. F. Ebert. 2,389,894; Nov. 27.
Accumulator, Stacker. H. S. Lapomparde. 2,391,170; Dec. 18.
Acenaphthylene, Production of. R. G. Flowers. 2,390,363; Dec. 4.
Acetal composition, Plasticized polyvinyl. E. R. Derby. 2,371,957; Mar. 20.
Acetal, Plasticized polyvinyl. LaV. E. Cheyney. 2,380,925; Aug. 7.
Acetals and making same, Polymeric. J. Dahle. 2,387,833; Oct. 30.
Acetals, Modified. W. F. Gresham. 2,382,874; Aug. 14.
Acetals of unsaturated aldehydes, Cyclic. M. Senkus. 2,383,622; Aug. 28.
Acetaldehyde and ethylene to butadiene, Conversion of a mixture of. H. Miller. 2,377,025; May 29.
Acetaldehyde from ethyl alcohol by partial oxidation, Production of. F. R. Balcar. 2,384,066; Sept. 4.
Acetaldol by distillation, Purification of. K. H. W. Tuerck and H. J. Lichtenstein. 2,368,904; Feb. 6.
Acetate and synthetic resins made therefrom, Vinyl trimethyl. W. R. Cornthwaite and N. D. Scott. 2,381,338; Aug. 7.
Acetate composition, Cellulose. F. E. Piech. 2,379,036; June 26.
Acetate, Producing dextran. W. A. Waldie and J. E. Bersuder. 2,386,994; Oct. 16.
Acetic acid in purified form, Recovery of. R. R. Harrison. 2,384,374; Sept. 4.
Acetic acid, Manufacture of. H. P. Staudinger, K. H. W. Tuerck, and E. H. Brittain. 2,379,760; July 3.
Acetone and butyl alcohol by fermentation, Production of. C. Weizmann. 2,377,197; May 29.

Acetone, Dehydration of. R. N. Shiras and D. B. Luckenbill. 2,373,269; Apr. 10.
Acetophenone. W. S. Emerson. 2,372,662; Mar. 27.
Acetophenone, Preparation of. W. S. Emerson. 2,382,867; Aug. 14.
Acetylating 2,3-butylene glycol with the impure acetic acid obtained from the pyrolytic decomposition of 2,3-butylene glycol diacetate to butadiene. S. A. Morell. 2,372,221; Mar. 27.
Acetylation process and product. J. D. Murray. 2,376,378; May 22.
Acetylene by a cryogenic method, Absorption and recovery of. W. H. Hamill and R. R. Vogt. 2,383,547; Aug. 28.
Acetylene from gaseous mixtures, Separation of. R. M. Isham. 2,383,551; Aug. 28.
Acetylene from gases, Removal of. C. E. Welling and H. J. Hepp. 2,379,670; July 3.
Acetylene from hydrocarbon mixtures, Removal of. W. L. Wood and B. E. V. Bowen. 2,381,707; Aug. 7.
Acetylene generator. C. H. Baker and M. L. Olson. 2,370,630; Mar. 6.
Acetylene generator. J. La Force. 2,385,087; Sept. 18.
Acetylene generator. K. S. J. Nordholm. 2,387,462; Oct. 23.
Acetylene of aromatic hydrocarbons and of saturated and unsaturated hydrocarbons, Production from. C. J. Coupard. 2,377,759; June 5.
Acetylene, Producing. J. C. Krejci. 2,377,245; May 29.
Acetylene, Production of condensation products of. H. P. Staudinger and K. H. W. Tuerck. 2,381,701; Aug. 7.
Acetylenes from hydrocarbon mixtures, Separation of. E. V. Fasce. 2,384,902; Sept. 18.
Acetylenes from light hydrocarbons, Separating. I. D. Hall. 2,388,913; Nov. 13.
Acetylenic alcohols, Preparation of. E. F. Smith. 2,385,547–8; Sept. 25.
Acetylsulphanilyl chloride. M. E. Hultquist. 2,383,128; Aug. 21.
Acid-activated montmorillonite clay, Extruding. L. V. Horn. 2,391,050; Dec. 18.
Acid and preparing the same, Boro-phosphoric. L. H. Englund. 2,375,638; May 8.
Acid anhydride, Preparing a cyclic dicarboxyl. A. M. Clifford and C. E. Gleim. 2,391,226; Dec. 18.
Acid anhydrides, Manufacture of organic. D. C. Hull and C. A. Marshall. 2,367,501; Jan. 16.
Acid chlorides, Preparation of. J. R. Long. 2,388,657; Nov. 6.
Acid compounds and obtaining the same, Steroidal. R. E. Marker and E. L. Wittle. 2,376,708; May 22.
Acid compounds for safer therapeutic use, Salicylic. K. P. Link. 2,385,365; Sept. 25.
Acid compounds in storage battery plates, Lignin sulphonic. J. A. Orsino and C. Harmon. 2,371,137; Mar. 13.
Acid, Concentration of aqueous acetic. H. P. Staudinger, K. H. W. Tuerck, and E. H. Brittain. 2,382,181; Aug. 14.
Acid derivatives and salts thereof, and producing the same, Disubstituted thiobarbituric. L. A. Walter and L. H. Goodson. 2,368,336; Jan. 30.
Acid derivatives and salts thereof, and producing the same, Substituted barbituric. L. A. Walter and L. H. Goodson. 2,368,335; Jan. 30.
Acid derivatives and their manufacture, Sulphanilyl carbamic. H. Martin, R. Hirt, and A. Staub. 2,371,178; Mar. 13.
Acid derivatives and their salts, Thiobarbituric. L. A. Walter. 2,388,024; Oct. 30.
Acid derivatives, Manufacture of amino-alkylidene succinic. F. Bergel and A. Cohen. 2,384,068; Sept. 4.
Acid derivatives of lower alkyl ethers of vitamin B_6 and preparing the same, Dicarboxylic. J. C. Keresztesy and J. R. Stevens. 2,390,593; Dec. 11.
Acid ester of n-methylpiperidinol-4, Mandelic. C. J. Klemme and R. Baltzly. 2,370,114; Feb. 20.
Acid esters and obtaining the same, Aryl carboxylic. F. F. Blicke. 2,376,860; May 29.
Acid esters, Complex dithiophosphoric. E. W. Cook, and W. D. Thomas, Jr., 2,373,811; Apr. 17.
Acid esters of alkylated 1,4-naphtho-hydroquinones and manufacture of same. W. Karrer. 2,383,392; Aug. 21.
Acid esters, Purifying phosphoric. H. Beeg and R. Schmidt. 2,373,807. Apr. 17.
Acid esters, Unsaturated carbamic. A. G. Chenicek. 2,384,074; Sept. 4.
Acid formation, Pantothenic. A. S. Schultz, L. Atkin, and C. N. Frey. 2,377,044; May 29.
Acid. Manufacture of chlorosulphonic. R. B. Mooney and G. E. Wentworth. 2,377,642; June 5.
Acid, Manufacture of levulinic. W. G. Meyer. 2,382,572; Aug. 14.
Acid. Manufacture of nicotinic. J. Lee and S. D. Heineman. 2,389,065; Nov. 13.
Acid. Manufacture of pantothenic. J. Lee and S. D. Heineman. 2,371,245; Mar. 13.
Acid. Manufacture of succinic. E. B. Punnett. 2,370,579; Feb. 27.
Acid. Manufacture of sulphamic. D. P. Hill and G. A. Peirce. 2,390,648; Dec. 11.
Acid. Nucleic. L. Laufer. 2,379,912; July 10.
Acid, Preparation of nucleic. S. Redfern. 2,387,040; Oct. 16.
Acid, Preparation of quinolinic. A. T. Hawkinson and A. A. Elston. 2,371,691; Mar. 20.
Acid, Process and apparatus for the concentration of sulphuric. M. J. Kalous and N. E. Rambush. 2,369,573; Feb. 13.
Acid process, Hydrofluoric. M. P. Matuszak. 2,379,022; June 26.
Acid, Production of diacetone keto gulonic. J. Weijlard and J. B. Ziegler, Jr. 2,367,251; Jan. 16.
Acid, Production of diamino succinic. W. Wenner. 2,389,099; Nov. 13.
Acid, Production of hydrocyanic. H. D. Green. 2,387,577; Oct. 23.
Acid, Production of malonic. E. C. Britton and E. Monroe. 2,373,011; Apr. 3.
Acid, Production of tropic. M. Sletzinger and G. C. Paulsen, Jr. 2,390,278; Dec. 4.
Acid, Purification of hydrofluoric. R. C. Cole. 2,376,328; May 22.
Acid, Purifying tungstic. T. E. Foulke and H. M. Holtan. 2,366,250; Jan. 2.
Acid, Recovery of hydrofluoric. M. P. Matuszak. 2,371,341; Mar. 13.
Acid recovery process. H. O. Mottern. 2,379,823; July 3.
Acid recovery process. H. O. Mottern. 2,390,316; Dec. 4.
Acid recovery process. W. Voogd, F. E. Caddy, and C. H. Duffy. 2,373,359; Apr. 10.
Acid, Salts of ω-cyanoguanidodithiocarbonic. J. T. Thurston and D. W. Kaiser. 2,368,903; Feb. 6.
Acid substituted amino compounds. Forming fatty. F. C. Bersworth. 2,374,915; May 1.
Acid, Synthesis of pantothenic. D. W. Woolley. 2,372,041; Mar. 20.
Acid-tar. Treatment of. F. Wethly. 2,370,277; Feb. 27.
Acid, Tetrahydro trihydroxy-abietic. A. Winterstein. 2,370,900; Mar. 6.
Acid treating. E. W. McNealy. 2,372,441; Mar. 27.
Acid-treating a thermally cracked petroleum distillate. W. J. Ryan and M. T. Kendall. 2,388,087; Oct. 30.
Acid treating wells. J. J. Heigl. 2,367,350; Jan. 16.
Acid treating wells. V. Voorhees. 2,366,373; Jan. 2.
Acid triphosphates as builders for alkyl sulphates and other soapless detergents. O. T. Quimby. 2,383,502; Aug. 28.
Acidic bodies from hydrocarbon oils, Removing weakly. G. W. Ayers, Jr., and L. M. Henderson. 2,373,004; Apr. 3.
Acidic gases from fluids, Separation of. A. J. Johnson. 2,368,595; Jan. 30.
Acidic minerals, Beneficiation of. D. W. Jayne, Jr., H. M. Day, and E. W. Gieseke. 2,380,698; July 31.
Acidic minerals, Flotation of. H. L. Mead and E. J. Maust. 2,369,311; Feb. 13.
Acids, Aliphatic dibasic. C. F. H. Allen and J. A. Van Allan. 2,388,813; Nov. 13.
Acids, Alkylated phenolic glycolic. J. B. Niederl. 2,370,256; Feb. 27.
Acids, Amides of high molecular weight carboxylic. T. F. Bradley. 2,379,413; July 3.
Acids and preparing same, Alkylidene bis-salicylic. J. B. Niederl. 2,374,949; May 1.
Acids, and preparing same, Derivatives of fatty. J. R. Long. 2,391,251; Dec. 18.
Acids and salts thereof, Substituted barbituric. L. A. Walter and L. H. Goodson. 2,368,338; Jan. 30.
Acids and salts thereof, Substituted thiobarbituric. L. A. Walter and L. H. Goodson. 2,368,337; Jan. 30.
Acids, and the like from glyceride oils, Extraction of phosphatides, free fatty. S. E. Freeman. 2,390,528; Dec. 11.
Acids, and their production, Fully acetylated sugar. R. T. Major and E. W. Cook. 2,368,557; Jan. 30.
Acids and their salts, Preparation of amino carboxylic. G. O. Curme, Jr., H. C. Chitwood, and J. W. Clark. 2,384,816; Sept. 18.
Acids, Anhydrous halogen. E. Gorin. 2,382,788; Aug. 14.
Acids, Carboxy substituted pimelic. H. A. Bruson. 2,390,024; Nov. 27.
Acids, Chlorinated phenylene diacetic. O. W. Cass. 2,370,394; Feb. 27.
Acids, Derivatives of benzyl sulphonic. G. Dougherty and R. H. Barth. 2,373,298; Apr. 10.
Acids, Derivatives of tertiary amino aliphatic. O. Dalmer, C. Diehl, and H. Pieper. 2,370,015; Feb. 20.
Acids, Fluoroacetic. A. L. Henne. 2,371,757; Mar. 20.
Acids from a reaction mixture resulting from sulphuric acid treatment of aromatic oils, Recovery of sulphonic. A. G. Susie. 2,373,793; Apr. 17.
Acids from butyrolactone, Production of succinic and maleic. R. M. Isham. 2,385,518; Sept. 25.
Acids, High molecular weight dicarboxylic. E. C. Kirkpatrick. 2,372,090; Mar. 20.
Acids, Making furfuryl and fatty. R. M. Boehm. 2,369,655; Feb. 20.
Acids, Manufacture of alkanoic. L. Schmerling. 2,370,494; Feb. 27.
Acids, Manufacture of hydroxylamine, hydrochloride and carboxylic. P. F. Tryon. 2,381,410; Aug. 7.
Acids of cyclopentanopolyhydrophenanthrene series and process for producing the same, Carboxylic. H. Dannenbaum. 2,368,204; Jan. 30.
Acids of the 5-oxo imidazoline series, Sulphonic. O. Huppert. 2,384,837; Sept. 18.

Acids, Preparation of. E. P. Bartlett. 2,391,219; Dec. 18.
Acids, Preparations of carboxylic. M. W. Farlow and G. M. Whitman. 2,390,576; Dec. 11.
Acids, Preparing pyridine carboxylic. J. Weijlard, J. P. Messerly, and M. Tishler. 2,381,794; Aug. 7.
Acids, Production of chlorinated carboxylic. F. C. Schubart. 2,389,088; Nov. 13.
Acids, Production of di-carboxylic. J. G. M. Bremner, R. H. Stanley, D. G. Jones, and A. W. C. Taylor. 2,389,950; Nov. 27.
Acids, Production of solidifying thickened and solid masses from esters of unsaturated fatty. P. Stamberger. 2,391,042; Dec. 18.
Acids, Production of trichloro. R. E. Plump. 2,370,577; Feb. 27.
Acids, Production of unsaturated carboxylic. A. B. Boese, Jr. 2,382,464; Aug. 14.
Acids, Separation and purification of green or water-soluble sulphonic. O. H. P. Dawson. 2,368,452; Jan. 30.
Acids, Separation of hydroxy carboxylic. G. Braun and O. N. Breivik. 2,382,288; Aug. 14.
Acids, Substituted naphthenyl hydroxy methane phosphonic. J. B. Dickey and J. G. McNally. 2,376,130; May 15.
Acids, Treatment of aliphatic sulphonic. H. O. Mottern. 2,368,484; Jan. 30.
Acids, Unsaturated carboxylic. J. R. Long. 2,376,067; May 15.
Acids, Utilization of wood. E. Färber. 2,367,462; Jan. 16.
Acoustic alarm device. S. A. Bjergel. 2,371,949; Mar. 20.
Acoustic devices, Noise shield for. E. L. Alford and M. L. Martin. 2,390,488; Dec. 11.
Acoustic measurement and apparatus therefor. L. G. Abraham and D. Mitchell. 2,370,385; Feb. 27.
Acoustical structure. J. Mazer. 2,390,262; Dec. 4.
Acoustical tile. A. F. Trippensee. 2,370,379; Feb. 27.
Acrylic esters and other unsaturated compounds by thermal decomposition, Manufacturing. W. P. Ratchford and C. H. Fisher. 2,378,501; June 19.
Acrylic resins, Treating. R. D. Leary and B. M. Marks. 2,369,057; Feb. 6.
Acrylonitrile from ethylene cyanohydrin, Manufacture of. L. U. Spence. 2,374,051; Apr. 17.
Acrylonitrile, Preparation of. Le R. U. Spence, D. J. Butterbaugh, and E. H. Kroeker. 2,385,551; Sept. 25.
Acrylonitrile, Producing. L. U. Spence and J. C. Mitchell. 2,374,052; Apr. 17.
Acrylonitrile, Production of. H. A. Dutcher. 2,370,849; Mar. 6.
Acrylonitrile, Production of. D. J. Salley. 2,385,469; Sept. 25.
Acrylonitrile, Production of. D. J. Salley, C. W. Bradley, and H. S. Davis. 2,385,470; Sept. 25.
Acrylonitrile, Production of. Le R. U. Spence. 2,385,549; Sept. 25.
Acrylonitrile, Purification of. E. L. Carpenter. 2,382,383; Aug. 14.
Acrylonitriles, Manufacture of. J. H. Brant and R. L. Hasche. 2,386,586; Oct. 9.
Actinomycin. S. A. Waksman and H. B. Woodruff. 2,378,876; June 19.
Actinomycin A and manufacture of its diacetates, Extraction of. M. Tishler. 2,378,449; June 19.
Activated carbon and producing the same. R. Adler. 2,377,063; May 29.
Activator for wells. C. C. Carter. 2,386,593; Oct. 9.
Actuating and locking mechanism, Closure. C. E. Arthur. 2,378,119; June 12.
Actuating mechanism. Q. Berg. 2,377,859; June 12.
Actuating mechanism. B. J. Schill and H. R. Traphagen. 2,378,330; June 12.
Actuating mechanism for aircraft components. R. P. Davie, Jr. 2,373,385; Apr. 10.
Actuating mechanism for calculating machines. R. E. Boyden. 2,366,431; Jan. 2.
Actuating mechanism for gauges and the like. F. C. Buechmann. 2,377,755; June 5.
Actuating mechanism for pressing machines. E. Davis. 2,367,102; Jan. 9.
Actuating mechanism, Slot closure. A. C. Patch. 2,371,976; Mar. 20.
Actuating mechanism, Valve. L. R. Spencer. 2,385,309; Sept. 18.
Actuating system for machine tools. E. E. Hallberg and C. F. Vinci. 2,377,627; June 5.
Actuator. Z. C. Bradford. 2,387,713; Oct. 30.
Actuator. R. W. Leland and C. J. Werner. 2,387,800; Oct. 30.
Actuator, Bimetallic. J. Strong. 2,382,182; Aug. 14.
Actuator, Electromagnetic. G. G. Naud. 2,379,029; June 26.
Actuator for accumulator mechanism. H. H. Keen. 2,372,900; Apr. 3.
Actuator, Motorcycle brake. T. Helme. 2,387,020; Oct. 16.
Actuator mounting. W. P. Lear. 2,367,033; Jan. 9.
Actuator, Power. E. D. Lilja. 2,386,402; Oct. 9.
Actuator, Switch. E. W. Tredeau. 2,389,220; Nov. 20.
Actuator system, Multiple. W. P. Lear. 2,366,734; Jan. 9.
Actuator, Variable arc rotary. C. W. Warren. 2,382,925; Aug. 14.
Acyl peroxides, Manufacture of. K. H. W. Tuerck. 2,379,390; June 26.
Acyl phenyl dithiophosphoric acids and their preparation. E. W. Cook and W. D. Thomas, Jr. 2,372,358; Mar. 27.
Acyl quinone sulphonamides as printing aids. R. H. Kienle and C. A. Amick. 2,383,393; Aug. 21.
Acylamines of the anthraquinone series and their manufacture. A. Peter. 2,374,891; May 1.
Acylamino phenol couplers. P. W. Vittum and W. D. Peterson. 2,369,929; Feb. 20.
Acylaminophenol photographic couplers. I. F. Salminen, P. W. Vittum, and A. Weissberger. 2,367,531; Jan. 16.
Acylated derivatives of polyamino ether alcohols and making same, Certain ester-linked. M. De Groote and B. Keiser. 2,381,118; Aug. 7.
Adapter and insulator construction for interior illumination. S. C. Miller. 2,375,807; May 15.
Adapter and supporting device for cameras, Multiple purpose. N. J. Creedon. 2,375,214; May 8.
Adapter for boring bars, Milling and drilling. E. H. Bruseth. 2,374,919; May 1.
Adapter for lamp holders. J. F. Beal. 2,372,051; Mar. 20.
Adapter for sand blast machines, Regulating and reducing. E. C. Bick. 2,388,818; Nov. 13.
Adapter, Projectile. G. H. Jakobsson. 2,382,152; Aug. 14.
Adding and subtracting mechanism. S. Brand. 2,386,425; Oct. 9.
Adding and subtracting mechanism. H. H. Keen and T. O. Wright. 2,390,441; Dec. 4.
Addition agent for treating molten iron and steel. W. Crafts. 2,377,403; June 5.
Adhering rubbery material to smooth surfaces. D. V. Sarbach. 2,389,641; Nov. 27.
Adhesive. J. G. Little. 2,382,731; Aug. 14.
Adhesive applying machine. H. W. Martin. 2,376,069; May 15.
Adhesive and making the same. S. G. Saunders and H. Morrison. 2,376,510; May 22.
Adhesive and method of making same, Rubber to metal. R. M. Vance and C. A. Damicone. 2,379,939; July 10.
Adhesive applying system. T. A. Federwitz and H. Grotewold. 2,384,021; Sept. 4.
Adhesive, Asphalt modified. R. H. Treadway. 2,366,943; Jan. 9.
Adhesive cement products and making same. K. Findley, A. C. Krueger, R. H. Hecker, and J. Matteson. 2,381,946; Aug. 14.
Adhesive coating to cord fabric, Method and apparatus for applying an. I. J. Remark and V. V. Wheeler. 2,389,459; Nov. 20.
Adhesive composition. M. C. Moore. 2,368,767; Feb. 6.
Adhesive composition. J. F. Zemaitis. 2,375,163; May 1.
Adhesive composition, Amylaceous. H. F. Bauer. 2,378,378; June 19.
Adhesive composition and adhering waxed surfaces. J. R. Purdon. 2,373,597; Apr. 10.
Adhesive compositions. C. F. Brown and G. E. Hulse, Jr. 2,371,870; Mar. 20.
Adhesive compositions. J. Lloyd. 2,386,696; Oct. 9.
Adhesive compositions. J. Teppema and J. F. Manning. 2,379,552; July 3.
Adhesive compositions, Manufacture of. K. C. Roberts. 2,383,569; Aug. 28.
Adhesive material. L. Bradshaw and C. L. Stachel. 2,391,387; Dec. 25.
Adhesive material. E. Pragoff, Jr. 2,377,647; June 5.
Adhesive, Pressure sensitive rubber. F. J. Soday. 2,366,219; Jan. 2.
Adhesive, Silicate base. C. A. Vana. 2,387,367; Oct. 23.
Adhesive starch composition and making same. J. E. Fenn. 2,372,666; Apr. 3.
Adhesive tape dispensing device. P. S. Madsen. 2,391,062; Dec. 18.
Adhesive tape, Pressure-sensitive. C. L. Wagner. 2,373,634; Apr. 10.
Adhesive tapes, Manufacture of. F. J. Tone, O. L. Mahlman, and F. Brown. 2,389,469; Nov. 20.
Adhesive testing device. C. K. Chatten. 2,390,510; Dec. 11.
Adhesive textile fibers, Producing potentially. R. Wallach. 2,379,264; June 26.
Adhesive transferring mechanism. J. Balton. 2,370,284; Feb. 27.
Adhesive unit. O. Lesser. 2,387,593; Oct. 23.
Adhesives. A. M. Howald. 2,380,239; July 10.
Adhesives. J. Teppema and J. F. Manning. 2,367,629; Jan. 16.
Adhesives and making same. T. R. Griffith. 2,386,213; Oct. 9.
Adhesives and their manufacture. E. W. Eweson. 2,388,910; Nov. 13.
Adiponitrile, Synthesis of. D. J. Loder. 2,377,795; June 5.
Adjustable box wrench. G. Flower. 2,376,764; May 22.
Adjustable bracket. G. F. N. Oliver. 2,391,795; Dec. 25.
Adjustable cable splicing clamp. A. J. Wickens. 2,372,754; Apr. 3.
Adjustable carrier ring. E. St. Pierre and J. Wawzonek. 2,382,750; Aug. 14.
Adjustable chair. E. Schmued. 2,369,076; Feb. 6.

Adjustable closed or sealed container. H. Carew. 2,383,290; Aug. 21.
Adjustable crutch. C. L. Invidiato. 2,366,406; Jan. 2.
Adjustable electric gate. E. W. Stentz. 2,376,630; May 22.
Adjustable end hose clamp. J. Y. Morris. 2,381,551; Aug. 7.
Adjustable gauge wheel support. J. M. Bowen and C. J. Allen. 2,381,202; Aug. 7.
Adjustable hinge. C. E. Fuller. 2,373,955; Apr. 17.
Adjustable latch. L. W. Wachter. 2,370,334; Feb. 27.
Adjustable lens mount for gas masks. N. R. Schutz and J. Dubitsky. 2,388,713; Nov. 13.
Adjustable liquid fuel burner. J. E. Johansson. 2,374,290; Apr. 24.
Adjustable multiple connection. A. K. Seemann. 2,366,809; Jan. 9.
Adjustable nut lock. J. P. Johnson. 2,390,838; Dec. 11.
Adjustable optical mounting. S. Fischer. 2,373,389; Apr. 10.
Adjustable pitch propeller mechanism. T. O. Adams, Jr., and T. H. Troller. 2,390,068; Dec. 4.
Adjustable pressure relief valve. E. W. Clements. 2,386,293; Oct. 9.
Adjustable rolling mill. R. G. Le Tourneau. 2,376,544; May 22.
Adjustable seat. B. H. Shinn. 2,367,829; Jan. 23.
Adjustable spanner wrench. C. L. Meyer. 2,386,254; Oct. 9.
Adjustable standard. A. W. Dixon. 2,376,238; May 15.
Adjustable stop. W. K. Taylor. 2,381,564; Aug. 7.
Adjustable support. N. V. Hendricks. 2,388,056; Oct. 30.
Adjustable supporting tool. O. Kylin. 2,382,571; Aug. 14.
Adjustable tertiary air supply means for pot type burners. S. Perry and M. D. Huston. 2,373,910; Apr. 17.
Adjustable time delay relay. S. L. Burgwin. 2,373,998; Apr. 17.
Adjustable tool-holder. F. A. Hartung. 2,379,520; July 3.
Adjustable transformer regulator. P. W. Robinson. 2,380,265; July 10.
Adjustable wrench. L. Parnet. 2,369,072; Feb. 6.
Adjusting and control device for material working machines. G. Maurer. 2,382,801; Aug. 14.
Adjusting device. A. J. Stepanoff. 2,379,839; July 3.
Adjusting device for rolling mills. J. Misset. 2,369,598; Feb. 13.
Adjusting means, Brake shoe. C. J. Whitacre. 2,380,815; July 31.
Adjusting mechanism for rolling machines. F. A. Stuhlman and A. W. Doderer. 2,382,517; Aug. 14.
Adjusting mechanism, Range finder. J. W. Gillon. 2,391,152; Dec. 18.
Adjusting profiles. J. R. Hicks. 2,387,149; Oct. 16.
Adjustment for levers, Friction. E. F. Pain. 2,382,330; Aug. 14.
Adjuvant, Motor fuel. N. D. Williams and W. J. Backoff. 2,367,815; Jan. 23.
Admixing and dispensing method and device. C. A. Stine. 2,371,720; Mar. 20.
Adsorbent making and using same. S. W. Briggs. 2,387,714; Oct. 30.
Adsorbent, Producing granular. K. D. Ashley. 2,391,116; Dec. 18.
Adsorbents, Regenerating spent. E. S. Nicholls, H. D. Noll, and J. W. Payne. 2,387,936; Oct. 30.
Adsorption filter. E. R. Sutcliffe and W. E. Edwards. 2,379,321; June 26.
Advertising device. W. V. Sharp. 2,381,008; Aug. 7.
Advertising device. W. F. Vernon. 2,378,051; June 12.
Aerating apparatus. L. H. Logue. 2,390,111; Dec. 4.
Aeration of liquid in liquid circulating systems, Preventing the. C. C. S. Le Clair. 2,374,822; May 1.
Aeration, System of. C. F. Proudman. 2,380,465; July 31.
Aerial apparatus. E. Weissman. 2,380,278; July 10.
Aerial cannon ammunition feed assist accessory mechanism. J. C. Trotter and J. L. Jewett. 2,383,830; Aug. 28.
Aerial delivery container. F. G. Manson and J. J. Maskey. 2,366,741; Jan. 9.
Aerial, Directional. P. P. Gamet. 2,380,229; July 10.
Aerial oxidation and color stain, Preventing. A. Weissberger and P. W. Vittum. 2,384,663; Sept. 11.
Aerial system, Directional. E. Green. 2,380,519; July 31.
Aerial testing apparatus and operation. P. F. Smith. 2,376,886; May 29.
Aerodynamic body. Propelled. J. W. S. Hodgdon. 2,379,355; June 26.
Aerodynamic braking device. S. D. Robins. 2,384,640; Sept. 11.
Aerodynamic member. E. F. Zap. 2,383,102; Aug. 21.
Aeronautical take-off gear. M. L. Donnellan. 2,366,892; Jan. 9.
Aeroplane. D. Bunevich. 2,374,075; Apr. 17.
Aeroplane carrier. J. F. H. Fechtenburg. 2,381,583; Aug. 7.
Age hardenable chromium-nickel stainless steel. E. H. Wyche and R. Smith. 2,381,416; Aug. 7.
Agents, Asphalt wetting. L. A. Mikeska. 2,389,681; Nov. 27.
Agents, De-emulsifying. D. Zinner. 2,372,623; Mar. 27.
Agents for asphalts, Blending. L. A. Mikeska. 2,389,680; Nov. 27.
Agents for lubricating oils and making same. H. G. Smith and T. L. Cantrell. 2,380,878; July 31.
Agitating and dissolving apparatus. W. F. Caldwell. 2,375,729; May 8.
Agitating mechanism. C. H. Witthofft. 2,376,106; May 15.
Agitation of pickling baths. W. H. Dailey, Jr. 2,389,488; Nov. 20.
Agitator, Dispersing. F. D. Miller. 2,384,952; Sept. 18
Agricultural device. N. Z. Hebert. 2,388,689; Nov. 13.
Agricultural device. N. Z. Hebert. 2,389,976; Nov. 27.
Agricultural implement. R. E. Averitt. 2,384,522; Sept. 11.
Agricultural implement. F. T. Blaydes. 2,379,781; July 3.
Agricultural implement. A. G. Evans. 2,368,125; Jan. 30.
Agricultural implement. E. A. Johnston. 2,379,805; July 3.
Agricultural implement. J. R. Orelind and A. G. Evans. 2,368,156; Jan. 30.
Agricultural implement. A. A. Scarlett and S. M. Young. 2,377,578; June 5.
Agricultral implement. H. P. Smith. 2,369,759; Feb. 20.
Agricultural implement. H. P. Smith and F. T. Blaydes. 2,368,168; Jan. 30.
Agricultural machine. J. E. Lyle. 2,376,547; May 22.
Agricultural machine. G. J. Pasker. 2,389,928; Nov. 27.
Agricultural machine. H. D. Woodworth. 2,370,901; Mar. 6.
Agricultural vehicle. M. S. Harris. 2,378,847; June 19.
Agricultural vehicle seat. F. V. Hendrick. 2,376,484; May 22.
Aiding in the creation of a line rendition in true perspective of an object to be depicted. E. C. Hoffman. 2,381,165; Aug. 7.
Aiming control, Automatic. W. M. Sutcliffe. 2,377,589; June 5.
Aiming stake, Field artillery. E. Hoo. 2,385,278; Sept. 18.
Air and signal line connection for retractable couplers. H. H. Wolfe. 2,378,455; June 19.
Air brake. W. A. Baldwin. 2,390,049; Dec. 4.
Air brake valve. H. J. Sherrill. 2,366,937; Jan. 9.
Airbrush. J. A. Paasche. 2,370,486; Feb. 27.
Air chuck. R. B. Walder. 2,383,094; Aug. 21.
Air circulating apparatus. J. R. Boyle. 2,380,935; Aug. 7.
Air circulating system. G. E. Lundberg. 2,376,546; May 22.
Air circulating system, Reversible. L. O. Solberg. 2,370,886; Mar. 6.
Air cleaner. W. O. Bechman. 2,383,364; Aug. 21.
Air cleaner. W. W. Lowther. 2,367,227; Jan. 16.
Air cleaner. J. E. Ludwig, Sr. 2,383,138; Aug. 21.
Air cleaner. A. Nutting. 2,373,330; Apr. 10.
Air cleaner. K. F. Russell and G. H. Hopkins. 2,384,699; Sept. 11.
Air cleaner and silencer assembly. H. G. Kamrath. 2,385,814; Oct. 2.
Air cleaner assembly, Crankcase. J. B. Sebok. 2,387,303; Oct. 23.
Air cleaner equipped filler tube. J. C. Enblom. 2,389,140; Nov. 20.
Air compressor. G. K. Newell. 2,372,335; Mar. 27.
Air compressor and apparatus operated thereby. C. Yeomans. 2,385,905; Oct. 2.
Air conditioner. N. E. MacLean. 2,366,540; Jan. 2.
Air conditioning. S. W. E. Andersson. 2,381,427; Aug. 7.
Air conditioning. F. R. Bichowsky. 2,372,309; Mar. 27.
Air conditioning. R. J. Parsons. 2,386,569; Oct. 9.
Air conditioning. B. J. Spitzka. 2,387,473; Oct. 23.
Air conditioning. H. T. Stowell. 2,389,698; Nov. 27.
Air conditioning apparatus. A. H. Eberhart. 2,386,303; Oct. 9.
Air conditioning apparatus. R. J. Eisinger. 2,388,314; Nov. 6.
Air conditioning apparatus. A. S. Feinberg. Re. 22,675; Sept. 25.
Air conditioning apparatus. L. A. Philipp. 2,382,502; Aug. 14.
Air conditioning system. R. B. P. Crawford. 2,380,386; July 31.
Air conditioning system. E. S. Kleinhans and W. W. Reaser. 2,391,838; Dec. 25.
Air conditioning system. W. L. McGrath. 2,372,839; Apr. 3.
Air conditioning systems for passenger vehicles. M. E. Hanson. 2,367,276; Jan. 16.
Air conduit. L. E. Whitaker. 2,378,272; June 12.
Air control instrument. H. S. Jones. 2,369,571; Feb. 13.
Air controlled fuel burner. R. C. Hopkins. 2,377,497; June 5.
Air-cooled engine. H. O. Hansen. 2,374,483; Apr. 24.
Air-cooled smoking pipe. F. T. Orrington. 2,373,592; Apr. 10.
Aircraft. H. L. Bowers. 2,385,493; Sept. 25.
Aircraft. L. H. Crook. 2,384,893; Sept. 18.
Aircraft. L. H. Leonard. 2,387,762; Oct. 30.
Aircraft. M. J. O. Lobelle. 2,375,423; May 8.
Aircraft. J. E. McDevitt. 2,380,535; July 31.

Aircraft. C. E. McGuire. 2,383,139; Aug. 21.
Aircraft. R. H. Prewitt. 2,380,581; July 31.
Aircraft. A. C. Purpura. 2,372,291; Mar. 27.
Aircraft. H. V. Shebat. 2,369,258; Feb. 13.
Aircraft. G. Spittler. 2,386,915; Oct. 16.
Aircraft. E. A. Stalker. 2,372,301; Mar. 27.
Aircraft. E. A. Stalker. 2,377,386; June 5.
Aircraft. E. A. Stalker. 2,377,457; June 5.
Aircraft. E. A. Stalker. 2,386,987; Oct. 16.
Aircraft. E. A. Stalker. 2,388,806; Nov. 13.
Aircraft. G. C. Sullivan. 2,367,538; Jan. 16.
Aircraft. N. A. Thompson. 2,376,834; May 22.
Aircraft. R. H. Upson. Re. 22,595; Jan. 23.
Aircraft. A. M. Young. 2,382,460; Aug. 14.
Aircraft. A. M. Young. 2,384,516; Sept. 11.
Aircraft alighting gear. R. H. Bound. 2,366,697; Jan. 9.
Aircraft, Amphibian. C. T. Ludington. 2,383,870; Aug. 28.
Aircraft and gun turret construction. J. A. Palmer and R. L. Bell. 2,367,308; Jan. 16.
Aircraft and landing railer system, Skid. J. M. Crespo. 2,370,012; Feb. 20.
Aircraft antenna. P. C. Sandretto and B. E. Montgomery. 2,368,618; Feb. 6.
Aircraft armament. M. S. Unterman. 2,371,004; Mar. 6.
Aircraft combat station. J. C. Trotter. 2,390,013; Nov. 27.
Aircraft construction. M. Berkow and C. F. Mullen. 2,367,750; Jan. 23.
Aircraft construction. J. R. Clark. 2,373,542; Apr. 10.
Aircraft construction. W. H. Schwebel. 2,380,336; July 10.
Aircraft construction. R. Simon. 2,375,951; May 15.
Aircraft control. A. Love. 2,382,016; Aug. 14.
Aircraft control. R. M. Nardone. 2,375,028; May 1.
Aircraft control. R. M. Nardone. 2,381,362; Aug. 7.
Aircraft control. W. M. O'Neil. 2,378,242; June 12.
Aircraft control apparatus. S. G. Isserstedt. 2,387,795; Oct. 30.
Aircraft control column. B. B. Harman. 2,381,217; Aug. 7.
Aircraft control means. H. J. Dobmeier and G. A. Weingartner. 2,383,779; Aug. 28.
Aircraft control mechanism. J. R. Allen. 2,375,610; May 8.
Aircraft control surface. R. J. White. 2,368,059; Jan. 23.
Aircraft control system. E. S. Pearsall, Jr., and R. Richolt. 2,389,274; Nov. 20.
Aircraft course recorder. I. Shamah. 2,369,922; Feb. 20.
Aircraft deicing system, Preventing overheating. E. D. White. 2,373,728; Apr. 17.
Aircraft engine. D. L. Jocelyn. 2,384,381; Sept. 4.
Aircraft engine control. F. Gosslau and J. Schmidt. Re. 22,661; Aug. 7.
Aircraft engine mounting. W. S. Fletcher. 2,368,533; Jan. 30.
Aircraft fuselages, Method and apparatus for assembling. W. F. Pioch and G. E. Scarlett. 2,374,894; May 1.
Aircraft gun installation. W. H. Beardslee. 2,384,430; Sept. 11.
Aircraft gun mount. H. F. Franklin. 2,381,341; Aug. 7.
Aircraft gun mounting. S. J. Palfrey. 2,385,024; Sept. 18.
Aircraft having rotative wings. J. de la Cierva. 2,380,582; July 31.
Aircraft heater control apparatus. J. H. Leslie, II. 2,388,855; Nov. 13.
Aircraft heating apparatus. S. E. Heymann. 2,381,591 Aug. 7.
Aircraft heating means. F. O. Hess. 2,387,583; Oct. 23.
Aircraft heating system. H. J. D. McCollum. 2,374,606; Apr. 24.
Aircraft heating system. H. J. De N. McCollum. 2,382,493; Aug. 14.
Aircraft ice preventer. L. S. Seaman. 2,371,269; Mar. 13.
Aircraft identifying and range estimating trainer. J. W. Jones. 2,381,757; Aug. 7.
Aircraft, Illuminated. A. J. Davis. 2,367,388; Jan. 16.
Aircraft landing apparatus. J. B. Quinn. 2,374,306; Apr. 24.
Aircraft landing gear. E. L. Martin. 2,371,699; Mar. 20.
Aircraft landing gear. C. H. Miller. 2,379,173; June 26.
Aircraft landing platform. S. D. Robins. 2,368,159; Jan. 30.
Aircraft landing system. E. H. J. Phillips. 2,371,979; Mar. 20.
Aircraft landing wheel. C. C. Stratton. 2,377,280; May 29.
Aircraft manufacture. C. E. Sorensen and R. M. Smith. 2,383,225; Aug. 21.
Aircraft, Method and apparatus for navigating. W. T. Jochum. 2,370,966; Mar. 6.
Aircraft or like hollow body with external reinforcement therefor. A. G. Dean. 2,383,935; Sept. 4.
Aircraft or the like, Direct propulsion of. E. Lagelbauer. 2,377,247; May 29.
Aircraft package delivery. R. Beddow. 2,371,670; Mar. 20.
Aircraft power plant. F. W. Caldwell and E. Martin. 2,371,872; Mar. 20.
Aircraft power plant. E. A. Stalker. 2,382,343; Aug. 14.
Aircraft power plant for high altitude flight. G. Boulet. 2,387,56; Oct. 23.
Aircraft propeller. J. R. Roche. 2,375,326; May 8.
Aircraft protective system. H. E. Baer. 2,389,754; Nov. 27.
Aircraft retractable alighting gear. G. N. Snarey. 2,390,334; Dec. 4.
Aircraft, Rotary wing. E. A. Stalker. 2,389,170; Nov. 20.
Aircraft, Rotative wing. H. S. Campbell. 2,375,465; May 8.
Aircraft, Rotative winged. R. G. Anderson. 2,370,127; Feb. 27.
Aircraft, Rotative winged. R. G. Anderson. 2,379,847; July 3.
Aircraft, Rotative winged. K. P. Synnestvedt. 2,376,523; May 22.
Aircraft, Rotor-equipped. J. de la Cierva. 2,380,580; July 31.
Aircraft structure. L. B. Harris. 2,368,298; Jan. 30.
Aircraft structure. S. Johnson. 2,375,924; May 15.
Aircraft structure. S. Johnson and E. Schenk. 2,375,925; May 15.
Aircraft structure. F. A. Leisen. 2,389,917; Nov. 27.
Aircraft structure. A. R. Parilla. 2,390,661; Dec. 11.
Aircraft structure. E. W. B. Shaw. 2,390,668; Dec. 11.
Aircraft structure. B. N. Wallis. 2,387,219; Oct. 16.
Aircraft structure. M. Watter. 2,382,950; Aug. 14.
Aircraft structure. M. Watter. 2,390,761; Dec. 11.
Aircraft structure. M. Watter. 2,391,662; Dec. 25.
Aircraft structure (wing flap mechanism). A. H. Westberg. 2,373,365; Apr. 10.
Aircraft structures, Making. M. Watter. 2,386,018; Oct. 2.
Aircraft structures, Method and apparatus for testing. P. H. Kemmer and E. R. Weaver. 2,383,491; Aug. 28.
Aircraft supercharger control. A. G. Silvester. 2,378,441; June 19.
Aircraft supercharger drive. O. E. Szekely. 2,390,626; Dec. 11.
Aircraft supercharging arrangement. C. W. Smith. 2,391,486; Dec. 25.
Aircraft training apparatus. R. C. Dehmel. 2,366,603; Jan. 2.
Aircraft wheel control device. F. N. Schwend. 2,381,842; Aug. 7.
Aircraft with autorotative wings. J. de la Cierva. 2,380,583; July 31.
Aircraft with high-speed stability. G. S. Schairer. 2,385,845; Oct. 2.
Aircraft with rotary blade system. E. W. Bossi. 2,381,968; Aug. 14.
Air current locking device. E. A. Stiemen. 2,391,107; Dec. 18.
Air-cushion knee pad. R. A. Terry. 2,368,433; Jan. 30.
Air deflector for automobiles and making same. A. R. Metzger. 2,380,860; July 31.
Air diffusing and ventilating unit. G. Herbster. 2,378,012; June 12.
Air distribution to burners. T. Kruger. 2,379,490; July 3.
Air distributor for boats, Draft reducing. R. J. Barry. 2,378,822; June 19.
Air distributor, Variable volume. C. Demuth. 2,367,104; Jan. 9.
Air-driven gyroscopic instrument. D. Crew. 2,382,135; Aug. 14.
Air filter. H. Pearson. 2,388,933; Nov. 13.
Air filter and silencer, Combined. C. G. Vokes. 2,372,618; Mar. 27.
Air-filter cleaning systems, Intake. R. L. Skinner. 2,368,787; Feb. 6.
Air filter for aircraft engines. F. W. Caldwell. 2,374,412; Apr. 24.
Airfoil. J. N. Read. 2,366,751; Jan. 9.
Airfoil construction. M. Watter. 2,386,170; Oct. 2.
Airfoil construction. M. Watter. 2,386,522; Oct. 9.
Airfoil nose construction. M. Watter. 2,372,143; Mar. 20.
Airfoil structure for aircraft. M. Watter. 2,384,409; Sept. 4.
Airframe assembly. C. E. Sorensen and R. M. Smith. 2,378,043; June 12.
Air-hydraulic actuating system, Combined. W. F. Boldt. 2,366,310; Jan. 2.
Air inlet. L. F. Hess. 2,389,310; Nov. 30.
Air introducing device. K. G. Eklund and J. E. Hulten. 2,366,773; Jan. 9.
Air, Method and apparatus for conditioning. H. B. Rogers. 2,371,468; Mar. 13.
Air mixing apparatus. H. A. Whitesel. 2,371,202–3; Mar. 13.
Air motor. B. Cones. 2,379,683; July 3.
Air or gas pump. H. G. Eudy. 2,388,398; Nov. 6.
Air outlet device. F. Honerkamp, F. J. Kurth, and M. Serre. 2,372,830; Apr. 3.
Air outlet device. F. J. Kurth, F. Honerkamp, B. Poeten, and H. K. Kunen. 2,369,303; Feb. 13.
Air outlet device. F. J. Kurth and F. Honerkamp. 2,376,705; May 22.
Air outlet device. M. Serre, J. B. Hewett, and E. A. Schaefer. 2,380,553; July 31.
Air pickup system. S. C. Plummer. 2,373,414; Apr. 10.

Air pilot instruction system. W. N. White. 2,374,401; Apr. 24.
Airplane. M. Berkow. 2,388,247; Nov. 6.
Airplane. L. G. Bowen. 2,376,862; May 29.
Airplane. O. W. Boyea. 2,379,875; July 10.
Airplane. H. A. Douglas. 2,369,820; Feb. 20.
Airplane. C. Ferro. 2,366,321; Jan. 2.
Airplane. F. F. Frakes. 2,373,467; Apr. 10.
Airplane. H. A. Hofgren. 2,388,973; Nov. 13.
Airplane. T. H. Huff. 2,390,939; Dec. 11.
Airplane. M. Jensen. 2,381,596; Aug. 7.
Airplane. V. S. Makaroff. 2,375,858; May 15.
Airplane. L. W. Moore. 2,374,493; Apr. 24.
Airplane. H. T. Nagamatsu. 2,387,526; Oct. 23.
Airplane. J. Wagner. 2,375,265; May 8.
Airplane. J. C. Wood. 2,381,021; Aug. 7.
Airplane aileron control. G. B. Carroll. 2,381,721; Aug. 7.
Airplane aileron system. A. J. Klose. 2,369,832; Feb. 20.
Airplane and control device therefor. F. R. Maxwell. 2,381,679–81; Aug. 7.
Airplane brake. F. Ibarra. 2,381,957; Aug. 14.
Airplane, Cargo. H. T. Nagamatsu. 2,387,527; Oct. 23.
Airplane, Compression. D. K. Warner. 2,390,859; Dec. 11.
Airplane construction. C. H. Bathurst. 2,388,380; Nov. 6.
Airplane control mechanism. A. E. Osborn. 2,386,709; Oct. 9.
Airplane control mechanism of the boost tab type. F. W. Davis. 2,370,844; Mar. 6.
Airplane control, System of. R. G. Sargeant. 2,369,859; Feb. 20.
Airplane door lock. S. Oxhandler. 2,390,731; Dec. 11.
Airplane engine mounting. R. S. Trott. 2,380,274; July 10.
Airplane frames, etc., Manufacture of. A. Fener. 2,378,759; June 19.
Airplane fuselages and the like, Assembling. F. M. Smith. 2,370,083; Feb. 20.
Airplane heater. F. O. Hess. 2,383,650; Aug. 28.
Airplane heating means. F. O. Hess 2,390,255; Dec. 4.
Airplane heating means. F. O. Hess and C. P. Mann. 2,388,970; Nov. 13.
Airplane heating system. F. O. Hess and R. E. B. Wakefield. 2,388,969; Nov. 13.
Airplane-helicopter. O. A. Solomon. 2,382,824; Aug. 14.
Airplane jack. F. C. Cullers. 2,377,404; June 5.
Airplane landing and retarding apparatus. O. Gerrard. 2,380,105; July 10.
Airplane landing gear. J. F. Kendrick. 2,372,207; Mar. 27.
Airplane landing gear. J. Mercier. 2,367,467; Jan. 16.
Airplane landing gear. C. J. Morgan. 2,373,137; Apr. 10.
Airplane mail loading and unloading device. G. Burton. 2,369,133; Feb. 13.
Airplane mooring appliance. M. C. Persons. 2,380,702; July 31.
Airplane pickup mechanism. J. X. Phillips. 2,383,680; Aug. 28.
Airplane pilot trainer. C. C. McCarthy. 2,385,095; Sept. 18.
Airplane pilot's seat. P. R. Styers. 2,379,385; June 26.
Airplane power plant. P. E. Mercier. 2,390,161; Dec. 4.
Airplane propeller. H. Badrutt. 2,367,190; Jan. 16.
Airplane safety raising and guiding device, Automatic. A. Zukor. 2,381,148; Aug. 7.
Airplane seat. M. Watter. 2,383,173; Aug. 21.
Airplane shock absorbing device. L. R. Gruss. 2,389,849; Nov. 27.
Airplane structure. J. K. Northrup and V. H. Pavlecka. 2,390,730; Dec. 11.
Airplane structures, Making. M. Jensen. 2,388,485; Nov. 6.
Airplane tire construction. C. H. McClaskey. 2,383,662; Aug. 28.
Airplane tow target. A. E. Brickman. 2,376,754; May 22.
Airplane towing mechanism. O. Rasor. 2,388,013; Oct. 30.
Airplane wheel. S. N. Juul. 2,370,316; Feb. 27.
Airplane wing. F. R. Maxwell. 2,381,678; Aug. 7.
Airplane wing. L. E. Peters. 2,372,447; Mar. 27.
Airplane wing deicing means. M. E. Garrison. 2,390,093; Dec. 4.
Airplane wing or fin with improved airfoil characteristics. E. C. Pitman. 2,389,210; Nov. 20.
Airplane wing structure. A. J. Klose. 2,370,801; Mar. 6.
Airplane wing, Variable camber. H. F. Lee. 2,384,933; Sept. 18.
Airplane with movable power-plant, Tailless. M. E. Gluhareff. 2,384,296; Sept. 4.
Airplanes from movable runways, Facilitating the landing and take off of. M. Unger and W. Ockrant. 2,375,449; May 8.
Air propelled vehicle. A. Cargill. 2,388,307; Nov. 6.
Air purifier. E. E. Buskirk. 2,368,343; Jan. 30.
Air-purifying and air-compressing apparatus. J. R. Folmer. 2,371,044; Mar. 6.
Air raid and like shelter. O. Ployer. 2,369,604; Feb. 13.
Air refrigerating apparatus. G. N. Grouch. 2,371,129; Mar. 13.
Air regulator. F. P. Forss. 2,369,779; Feb. 20.
Air relay assembly for automatic pilots. R. M. Heintz. 2,379,299; June 26.
Air scoop for airplane engines. T. C. Barber. 2,388,028; Oct. 30.
Airscoop for internal-combustion engines. F. C. Mock. 2,388,213; Oct. 30.
Air screw. L. Bowman. 2,378,125; June 12.
Airscrew. W. Brierley. 2,389,760; Nov. 27.
Airscrew. F. M. Thomas and P. R. Price. 2,388,718; Nov. 13.
Airscrew propeller mounting. P. C. A. M. D'Aubarede. 2,369,538; Feb. 13.
Airscrew, Variable-pitch. L. G. Fairhurst. 2,372,416; Mar. 27.
Airscrew, Variable pitch. F. M. Thomas. 2,368,950; Feb. 6.
Airship. J. D. Langdon. 2,381,456; Aug. 7.
Airships, Method and apparatus for mooring. C. E. Rosendahl and O. Loeser, Jr. 2,386,814; Oct. 16.
Air supply means for life preservers. H. B. White. 2,371,863; Mar. 20.
Air tank tire inflator, Portable compressed. C. S. Jones. 2,384,174; Sept. 4.
Air vehicle. W. F. Gerhardt. 2,371,687; Mar. 20.
Air volume control. F. Brandstrom. 2,381,640; Aug. 7.
Air washer. O. E. Fenn. 2,379,795; July 3.
Alarm, Burglar. O. L. Schriner. 2,374,139; Apr. 17.
Alarm clock, Electric. V. J. S. Russell. 2,391,800; Dec. 25.
Alarm, Danger call. C. C. Parker. 2,386,711; Oct. 9.
Alarm device. A. J. Stock and N. Brewer. 2,371,272; Mar. 13.
Alarm device for internal-combustion engines. L. B. Gore. 2,380,643; July 31.
Alarm signal system for automatic valves. W. C. Ludi and E. M. Fry. 2,389,204; Nov. 20.
Alarm system. F. T. Horan. 2,368,471; Jan. 30.
Alarm system. A. C. Kendig. 2,371,051; Mar. 6.
Alarm system. M. H. A. Lindsay and K. Woloschak. 2,390,221; Dec. 4.
Alarm system. A. N. Montgomery. 2,390,449; Dec. 4.
Album, Article storing. W. T. Markowski. 2,384,633; Sept. 11.
Album, Foldable visual. F. B. Richman. 2,377,968; June 12.
Alcohol antifreeze liquid. A. D. Kiffer. 2,384,553; Sept. 11.
Alcohol esters and polymers thereof, Polybasic acid-polyhydric. I. E. Muskat and F. Strain. 2,384,115; Sept. 4.
Alcohol modified urea-formaldehyde condensation products and producing same. T. S. Hodgins and P. S. Hewett. 2,377,422; June 5.
Alcohol, Production of water-free. W. E. Fisher. 2,382,044; Aug. 14.
Alcohols, Dehydrating. H. S. Miller. 2,377,026; May 29.
Alcohols, Dehydration of unsaturated. C. Weizmann. 2,381,148; Aug. 7.
Alcohols of steroids and making the same, Polyhydric. A. Butenandt and W. Logemann. 2,368,199; Jan. 30.
Alcohols, Oxidising unsaturated polycyclic. R. Oppenauer. 2,384,335; Sept. 4.
Alcohols, Preparation of amino. V. E. Haury. 2,376,054; May 15.
Alcohols, Rearrangement of unsaturated aliphatic. G. W. Hearne and D. S. La France. 2,373,956; Apr. 17.
Alcohols, Thiocyano ether. H. A. Bruson. 2,372,809; Apr. 3.
Aldehyde condensation products and making same. G. Widmer and W. Fisch. 2,387,547; Oct. 23.
Aldehyde condensation products and producing the same. D. W. Jayne, Jr., and H. M. Day. 2,389,150; Nov. 20.
Aldehydes and diazine derivatives, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,391,683; Dec. 25.
Aldehydes and triazine derivatives, Reaction products of. G. F. D'Alelio and J. W. Underwood. 2,389,417; Nov. 20.
Aldehydes and unsaturated ester amides, Condensation products of. A. G. Chenicek. 2,385,911; Oct. 2.
Aldehydes, Oxidation of unsaturated. H. P. Staudinger and K. H. W. Tuerck. 2,377,584; June 5.
Aldehydes with ketones, Condensation of. H. Dreyfus and J. G. N. Drewitt. 2,378,988; June 26.
Aldol-alpha-naphthylamine, Stabilized. E. H. Comstock. 2,370,011; Feb. 20.
Aldol, Continuous production of. F. J. Metzger. 2,376,070; May 15.
Aldol, Preparation of. F. R. Balcar. 2,372,540; Mar. 27.
Aligner, Form. W. Hyre. 2,378,850; June 19.
Aligner, Wheel. H. G. Holmes. 2,378,631; June 19.
Aliphatic acids and esters, Chlorination of. Le R. U. Spence and F. O. Haas. 2,379,759; July 3.
Aliphatic carboxylic acid with sulphuryl chloride and products thereof, Reaction of saturated. M. S. Kharasch. 2,383,320; Aug. 21.
Aliphatic oxyamines, Preparing. E. L. Carpenter. 2,372,624; Mar. 27.
Alkali compounds containing antioxidant compositions. R. W. Riemenschneider and J. Turer. 2,383,816; Aug. 28.
Alkali halogen cells, Electrolytic. K. E. Stuart. 2,370,086–7; Feb. 20.

Alkali metal ferric pyrophosphate, Making. C. F. Booth. 2,385,188; Sept. 18.
Alkali metal percarbonates, Production of. O. H. Walters. 2,380,620; July 31.
Alkali metal silicates, Manufacture of. E. G. Nutting, Jr. 2,374,035; Apr. 17.
Alkali metals, Production of. T. H. McConica, III, A. A. MacPhail, and R. C. Kirk. 2,391,728; Dec. 25.
Alkali treatment of fibrous material, Continuous. J. C. F. C. Richter. 2,383,684; Aug. 28.
Alkaline composition of matter. W. F. Wegst, R. McNabney, and L. R. Bacon. 2,390,406; Dec. 4.
Alkaloid and producing the same. K. Folkers and J. Shavel, Jr. 2,391,015; Dec. 18.
Alkaloidal "free" fraction from species of erythrina and its production. K. Folkers. 2,391,014; Dec. 18.
Alkaloidal salts, Stabilized solutions of ergot. C. S. Dyas. 2,390,575; Dec. 11.
Alkaloids from erythrina species, Physiologically active. K. Folkers and F. Koniuszy. 2,391,013; Dec. 18.
Alkaloids, Production of erythrina. K. Folkers and R. T. Major. 2,385,266; Sept. 18.
Alkamine derivatives of ethers of p-hydroxymethyl benzoic acid. V. S. Salvin and A. J. Hill. 2,385,104; Sept. 18.
Alkamine derivatives of o-alkoxymethyl benzoic acid. R. P. Parker and A. J. Hill. 2,383,074; Aug. 21.
Alkenals and alkenones, Preparation of. A. Clark and R. S. Shutt. 2,383,711; Aug. 28.
Alkenes, Dehydrogenation of. J. L. Amos and F. J. Soderquist. 2,370,512; Feb. 27.
Alkenyl cyanides, Preparation of. E. C. Britton, H. S. Nutting, and M. E. Huscher. 2,389,607; Nov. 27.
Alkoxy-substituted aliphatic carboxylic acid compounds. L. P. Kyrides. 2,377,246; May 29.
Alkyl benzene hydrocarbons, Manufacturing. D. G. Brandt. 2,391,818; Dec. 25.
Alkyl glycosides, Production of. S. M. Cantor. 2,390,507; Dec. 11.
Alkyl lactates, Preparation of. S. M. Weisberg, E. G. Stimpson, and A. L. Miller. 2,390,140; Dec. 4.
Alkyl phenol compositions. R. R. Read. 2,391,798; Dec. 25.
Alkyl phenols, Treatment of. C. T. Magin and L. C. Fetterly. 2,391,839; Dec. 25.
Alkyd resin varnishes, Modified. G. F. D'Alelio and J. W. Underwood. 2,389,896; Nov. 27.
Alkyd resins. H. W. Gray. 2,374,598; Apr. 24.
Alkyl phenols, Purification of. D. B. Luten, Jr., and A. De Benedictis. 2,378,232; June 12.
Alkylated aryl compounds, Production of. H. O. Folkins and C. M. Thacker. 2,391,146; Dec. 18.
Alkylated melamine-formaldehyde coating compositions. R. C. Swain and P. Adams. 2,378,363; June 12.
Alkylated phenols, Dealkylation of. O. H. Dawson. 2,366,497; Jan. 2.
Alkylating aromatic compounds. G. F. Hennion and N. F. Toussaint. 2,390,835–6; Dec. 11.
Alkylation. E. W. Bowerman. 2,370,771; Mar. 6.
Alkylation. C. Ellis. 2,375,637; May 8.
Alkylation. A. W. Francis. 2,368,653; Feb. 6.
Alkylation. L. Kniel. 2,382,067; Aug. 14.
Alkylation of aromatic hydrocarbons. S. Mann. 2,390,953; Dec. 11.
Alkylation process. F. E. Frey. 2,384,735; Sept. 11.
Alkylation process. I. M. Hemphill. 2,370,164; Feb. 27.
Alkylation process, Hydrogen fluoride. J. O. Iverson. 2,378,636; June 19.
Alkylation process, Hydrogen fluoride. J. O. Iverson. 2,388,918–19; Nov. 13.
Alkylation process, Hydrogen fluoride. J. R. Peniston. 2,372,338; Mar. 27.
Alkylation products, Production of. J. Anderson and E. F. Bullard. 2,375,724; May 8.
Alkylation with gaseous olefinic material. F. E. Frey. 2,384,736; Sept. 11.
Alkylene cyanohydrins, Preparation of. H. S. Davis and B. C. Redmon. 2,390,519; Dec. 11.
Alkylphenols, Dealkylation of. G. H. Stillson and J. B. Fishel. 2,383,279; Aug. 21.
Alkylsulphenyl dithiocarbamates. M. Hunt. 2,390,713; Dec. 11.
All-metal folding camera stand. T. Korling. 2,374,021; Apr. 17.
All purpose garment hanger. A. D. Reed and A. W. Nonn. 2,387,681; Oct. 23.
Allotter. B. A. Wallace. 2,370,335; Feb. 27.
Alloy: *See*—
- Abrasive bonding alloy.
- Aluminum alloy.
- Aluminum base alloy
- Antifriction alloy.
- Brazing alloy.
- Flint alloy.
- Lead alloy.
- Magnesium alloy.
- Magnesium base alloy.
- Valve and valve steel alloy.
- Zinc base alloy.

Alloy and cable sheath composed thereof, Lead base. W. H. Bassett and C. J. Snyder. 2,375,755; May 15.
Alloy article, Composite glass-metal. W. E. Kingston. 2,371,627; Mar. 20.
Alloy for permanent magnets. C. G. Bieber. 2,384,450; Sept. 11.
Alloy for use in electrolytic cell. D. W. and W. W. Forsgren. 2,379,429; July 3.
Alloy ingots and product thereof, Thermally treating aluminum base. P. C. Beck. 2,381,714; Aug. 7.
Alloy process. A. L. Feild. 2,378,397; June 19.
Alloy process. A. L. Feild. 2,387,130; Oct. 16.
Alloy rivets and product, Treating aluminum. E. C. Hartmann. 2,388,540; Nov. 6.
Alloy steel. J. C. Eckel. 2,388,128; Oct. 30.
Alloy steel. B. D. Saklatwalla. 2,378,437; June 19.
Alloy steel. L. G. Selmi and C. L. Altenburger. 2,375,953; May 15.
Alloy steel. L. G. Selmi and C. L. Altenburger. 2,375,954; May 15.
Alloy steel and articles. H. S. Schaufus. 2,384,565; Sept. 11.
Alloy steel and products thereof, Working. H. S. Schaufus. 2,384,566; Sept. 11.
Alloy steel, Heat treating. J. M. Hodge. 2,378,300; June 12.
Alloy steel method and products. H. S. Schaufus. 2,384,567; Sept. 11.
Alloy steel process. D. L. Loveless. 2,370,364; Feb. 27.
Alloy steel, Work hardening. A. P. Gagnebin. 2,386,890; Oct. 16.
Alloy steels and articles of manufacture produced therefrom, Chromium-free air-hardening. E. G. Touceda and R. P. De Vries. 2,380,711; July 31.
Alloy suitable for use as a bearing. I. R. Valentine. 2,376,210; May 15.
Alloy with protective coating, Aluminum base. G. C. Gauthier. 2,376,681; May 22.
Alloys. R. S. Dean and C. T. Anderson. 2,376,869; May 29.
Alloys. R. H. Leach. 2,383,976; Sept. 4.
Alloys, Aluminum. J. A. Toleik. 2,383,026; Aug. 21.
Alloys and articles comprised thereof, surface hardening beryllium copper. M. J. Donachie. 2,380,506; July 31.
Alloys, Brazing. J. G. Christ. 2,390,775; Dec. 11.
Alloys containing bismuth, Ferrous. J. L. Gregg. 2,378,548; June 19.
Alloys, Copper base. C. C. Whittaker and W. A. Graham. 2,372,152; Mar. 20.
Alloys for high temperature service use. H. S. Cooper. 2,370,395; Feb. 27.
Alloys, Heat-resisting. G. Mohling. 2,373,490; Apr. 10.
Alloys, Heat-treating magnesium. R. S. Busk. 2,388,120; Oct. 30.
Alloys, Improving magnesium-base. C. E. Nelson and G. E. Holdeman. 2,380,863; July 31.
Alloys, Magnesium base rare earth. C. de Rohden. 2,384,370; Sept. 4.
Alloys, Manganese. R. S. Dean. 2,376,867; May 29.
Alloys, Manganese. R. S. Dean. 2,378,916; June 26.
Alloys, Producing aluminum base. P. T. Stroup. 2,377,281; May 29.
Alloys, Refining of copper base. A. J. Murphy and G. T. Callis. 2,384,256; Sept. 4.
Alloys, Rolling magnesium. G. Ansel. 2,378,679; June 19.
Alloys, Steel. R. H. McCarroll and G. Vennerholm. 2,370,179; Feb. 27.
Alloys, Thermoelectric. M. Telkes. 2,366,881; Jan. 9.
Alloys, Wiping solder. A. A. Smith, Jr. 2,372,745; Apr. 3.
Alloys, Zinc base. E. S. Bunn. 2,380,920–2; Aug. 7.
Alloys, Zinc base. E. S. Bunn. 2,390,689; Dec. 11.
Allyl and substituted allyl acrylates. C. H. Rehberg and C. H. Fisher. 2,390,327; Dec. 4.
Allyl and substituted allyl methacrylates. C. E. Rehberg and C. H. Fisher. 2,390,326; Dec. 4.
α-Aniline-N-d-ribofuranoside and the manufacture thereof. J. Lee and L. Berger. 2,383,977; Sept. 4.
Alpha-chloroacrylonitrile and preparing the same. A. M. Clifford and J. D. D'Ianni. 2,384,889; Sept. 18.
α-Chloroethyl sulphides and preparing the same. L. A. Walter and L. H. Goodson. 2,388,025; Oct. 30.
α-Hydroxycarbonyl compounds, Manufacture of. T. Reichstein. 2,389,325; Nov. 20.
Alpha-methylstyrenes, Cracking of. J. K. Dixon. 2,391,821; Dec. 25.
Alpha-naphthylmethyl chloride, Preparing. C. E., Funk, Jr. 2,387,702; Oct. 23.
α-nitro-isobutene, Preparation of. A. E. W. Smith, C. W. Scaife, and R. H. Stanley. 2,384,050; Sept. 4.
Alternating and direct-current generator. D. B. Hoover. 2,379,154; June 26.
Alternating current control or regulating apparatus. W. A. Charbonneaux. 2,379,415; July 3.
Alternating current generator. K. S. Dunlop, G. A. Kelsall, C. A. Lovell, and R. F. Mallina. 2,376,131; May 15.
Alternating current vernier motor. W. K. McIver. 2,379,732; July 3.
Alternator. F. W. Iden. 2,380,966; Aug. 7.
Altimeter. A. R. Lee. 2,378,226; June 12.
Altimeter. P. P. Saunier, Jr. 2,379,496; July 3.
Altimeter. O. Weil. 2,388,027; Oct. 30.
Altimeter and panoramic reception system, Radio. M. Wallace. 2,378,604; June 19.
Altimeter, Terrain-level. R. W. Goble, O. V. Phillips, and D. K. Lippincott. 2,391,411; Dec. 25.
Altitude climb conditions, Method and apparatus for simulating high. L. R. St. Onge. 2,373,333; Apr. 10.
Altitude indicating system. H. D. Hineline. 2,366,621; Jan. 2.
Alumina and silicon carbide refractory. F. H. Riddle. 2,388,080; Oct. 30.

Alumina for storing in water suspension, Preparing levigated. J. R. Vilella. 2,377,057; May 29.
Alumina from ores, Extraction of. R. W. Brown. 2,375,342; May 8.
Alumina gel catalysis. L. Heard, R. V. Shankland, and J. C. Bailie. 2,371,237; Mar. 13.
Alumina hydrate powder, Water soluble. W. M. Fuchs. 2,377,547; June 5.
Alumina, Production of. A. W. Hixson and R. Miller. 2,376,696; May 22.
Alumina, Production of. J. H. Walthall. 2,381,477; Aug. 7.
Alumina, Recovery of. R. W. Brown. 2,375,343; May 8.
Alumina, Treatment of adsorbent. J. W. Newsome and R. B. Derr. 2,378,155; June 12.
Aluminate, Making alkali metal. E. E. Fisher. 2,372,819; Apr. 3.
Aluminous material. H. N. Baumann, Jr., and R. C. Benner. 2,369,709; Feb. 20.
Aluminous material. J. A. Heany. Re. 22,648; June 5.
Aluminous products, Making. J. A. Heany. 2,391,454; Dec. 25.
Aluminum alloy. I. M. Le Baron. 2,381,219; Aug. 7.
Aluminum and aluminum alloy articles, Determining defects in. C. J. Slunder. 2,391,522; Dec. 25.
Aluminum and aluminum alloys, Surface treatment of. A. N. D. Pullen. 2,376,082; May 15.
Aluminum base alloy. La V. W. Eastwood. 2,386,302; Oct. 9.
Aluminum base alloy. L. W. Kempf and W. A. Dean. 2,369,354; Feb. 13.
Aluminum base alloy containing copper, cobalt, and beryllium, and making it. R. H. Harrington. 2,373,678; Apr. 17.
Aluminum brasses, Producing. M. L. Wood. 2,368,339; Jan. 30.
Aluminum chloride, Recovery of. T. B. McCulloch. 2,377,090; May 29.
Aluminum coating. G. B. Cooke. 2,374,331; Apr. 24.
Aluminum forgings, Making. K. P. Abbe. 2,379,466–7; July 3.
Aluminum halide catalysts, Manufacture of. T. H. Whaley, Jr. 2,386,524; Oct. 9.
Aluminum hydrate from clay, Extracting. S. C. Lyons. 2,388,983; Nov. 13.
Aluminum-magnesium alloys, Quenching of. W. A. Dean. 2,390,238; Dec. 4.
Aluminum or aluminum alloy scrap, Treating. M. Stern. 2,391,752; Dec. 25.
Aluminum, Producing or refining. G. N. Kirsebom. 2,382,723; Aug. 14.
Aluminum silicate product and making same. E. E. Fisher. 2,389,352; Nov. 20.
Aluminum solutions and preparations. V. H. Roehrich. 2,373,198; Apr. 10.
Amalgamator. J. C. Shannon. 2,375,254; May 8.
Ambulance. E. L. Schofield. 2,387,186; Oct. 16.
Ambulances and their equipment. H. Gutman. 2,370,402; Feb. 27.
Ambulatory rotating reduction and fixation splint. R. Anderson. 2,391,537; Dec. 25.
Amides. M. Katzman. 2,388,154; Oct. 30.
Amides. W. J. Peppel. 2,391,267; Dec. 18.
Amides. J. H. Perrine. 2,389,453; Nov. 20.
Amides and imides of cyclic sulphones, Sulphurized. R. C. Morris and J. L. Van Winkle. 2,372,161; Mar. 20.
Amides and making same, Ester-linked acyl. M. De Groote and B. Keiser. 2,381,117; Aug. 7.
Amides and sulphonated derivatives thereof. G. D. Davis, D. Price, and J. G. Milligan. 2,367,010; Jan. 9.
Amides, Insecticidal. G. H. Coleman, W. D. Schroeder, and G. A. Griess. 2,384,811; Sept. 18.
Amides in vat color compositions, Diquinonyl. R. H. Kienle and C. A. Amick. 2,371,102; Mar. 6.
Amides, Preparing hydroxy. P. F. Tryon. 2,368,073; Jan. 23.
Amides, Production of sulphene. L. H. Howland. 2,382,793; Aug. 14.
Amidines, Production of. H. J. Barber and A. D. H. Self. 2,375,611; May 8.
Amidophosphates. G. M. Kosolapoff. 2,385,713; Sept. 25.
Amine derivatives and obtaining same, Organic. E. W. Tillitson. 2,374,791; May 1.
Amine derivatives of fossil resins and product produced thereby, Making polyethylene. K. H. Weber. 2,382,838; Aug. 14.
Amine reaction mixtures, Purification of. J. F. Olin. 2,377,511; June 5.
Amine salts, Manufacture and use of new. E. B. Thomas. 2,384,053; Sept. 4.
Amine salts of alkyl phosphoric acids, Fatty. H. G. Smith and T. L. Cantrell. 2,387,537; Oct. 23.
Amine salts of dinitrophenols. F. B. Smith and J. N. Hansen. 2,385,848; Oct. 2.
Amine salts of nitrated phenolic compounds and preparing the same. V. Migrdichian. 2,385,719; Sept. 25.
Amines. A. M. Clifford and J. G. Lichty. 2,368,521; Jan. 30.
Amines by vapor phase amination of aldehydes, Manufacture of. J. F. Olin and J. F. McKenna. 2,367,366; Jan. 16.
Amines from iron sludge, Separation of aromatic. J. P. Goulding. 2,385,504; Sept. 25.
Amines from nitrogen compounds, Production of secondary. W. S. Emerson. 2,388,606; Nov. 6.
Amines from nitrogen compounds, Production of secondary. W. S. Emerson. 2,388,608; Nov. 6.
Amines from nitrogen compounds, Production of secondary and tertiary. W. S. Emerson. 2,380,420; July 31.
Amines from nitrogen compounds, Production of teritary. W. S. Emerson. 2,388,607; Nov. 6.
Amines, Heterocyclic tertiary. J. W. Cusic. 2,368,006; Jan. 23.
Amines, Making aromatic. J. B. Dickey, E. B. Towne, and W. H. Strain. 2,382,613; Aug. 14.
Amines, Manufacture of. R. H. Goshorn. 2,389,500; Nov. 20.
Amines, Manufacture of. J. F. Olin and E. J. Schwoegler. 2,373,705; Apr. 17.
Amines, Manufacture of hydroxy alkyl. E. J. Schwoegler and J. F. Olin. 2,373,199; Apr. 10.
Amines, Production of primary and secondary. B. S. Biggs. 2,388,034; Oct. 30.
Amino acid separation. R. J. Block. 2,387,824; Oct. 30.
Amino acid synthesis. C. E. Schweitzer. 2,388,189; Oct. 30.
Amino acids in emulsion polymerization. C. F. Fryling. 2,380,591; July 31.
Amino acids, Separation of. R. J. Block. 2,386,926; Oct. 16.
Amino derivatives of dehydroabietic acid compounds, Producing. W. P. Campbell. 2,367,001; Jan. 9.
Aminodioxanes. M. Senkus. 2,370,586; Feb. 27.
Amino-methylene derivatives of salicylamide and process thereof. D. Price and R. L. Bond. 2,385,940; Oct. 2.
Aminophenol derivatives and photographic developers containing them. V. H. Reckmeyer and A. H. Brunner, Jr. 2,374,501; Apr. 24.
Aminoplastic sirups and producing same, Stable. K. E. Ripper. 2,378,362; June 12.
Amino plastics, High strength laminated. K. E. Ripper. 2,388,184; Oct. 30.
Aminoplasts having intercondensed therein a partial amide of a polycarboxylic acid. G. F. D'Alelio. 2,377,866; June 12.
Amino pyrazolones, Preparation of. H. D. Porter and A. Weissberger. 2,376,380; May 22.
Aminopyrimidines, Production of. L. P. Kyrides. 2,385,761; Sept. 25.
Aminotriazine-aldehyde resins, Hardenable. R. R. Harris. 2,388,143; Oct. 30.
Aminotriphenylacetonitrile and making it. L. Chalkley. 2,366,179; Jan. 2.
Ammonia and hydrocarbon mixtures, Distillation of. H. S. Nutting and L. H. Horsley. 2,371,350; Mar. 13.
Ammonium chloride and aliphatic amine hydrochlorides from mixtures of the same with copper chloride, Separation of. N. Poffenberger and R. D. Holmes. 2,371,543; Mar. 13.
Ammonium molybdate, Reduction of. R. F. Rennie. 2,385,843; Oct. 2.
Ammonium nitrate, Pebbling. R. C. Datin. 2,382,298; Aug. 14.
Ammonium salt production. W. Tiddy. 2,383,171; Aug. 21.
Ammonium salts and making the same, Quaternary. M. A. T. Rogers. 2,386,142; Oct. 2.
Ammonium sulphate, Purification of. G. Gaither. 2,376,045; May 15.
Ammonium thiosulphate and thiocyanate, Recovery. J. A. Shaw. 2,386,985; Oct. 16.
Ammonolysis of aryl halides. H. R. Slagh. 2,391,848; Dec. 25.
Ammunition. W. L. Finlay. 2,373,554; Apr. 10.
Ammunition. G. E. Hyde, Jr. 2,383,315; Aug. 21.
Ammunition, Antitank. J. V. Weinberger. 2,382,118; Aug. 14.
Ammunition belt tension meter. P. M. Birk and C. E. Slater, Jr. 2,385,052; Sept. 18.
Ammunition belt tension meter. C. G. Trimbach. 2,385,116; Sept. 18.
Ammunition feed. A. Corte. 2,378,191; June 12.
Ammunition feed for machine guns, Recoil operated. D. E. Holloway. 2,384,746; Sept. 11.
Ammunition, Handling. G. W. von Hofe and E. E. Lakso. 2,391,081; Dec. 18.
Ammunition link, Disintergrating. H. J. Alter. 2,388,943; Nov. 13.
Ammunition machinery. E. W. Gardner and W. F. Nickum. 2,387,654; Oct. 23.
Ammunition magazine and feed means, Combined. G. W. O'Hare. 2,375,437; May 8.
Ammunition magazine for firearms. C. L. Holcomb. 2,375,106; May 1.
Ammunition making machinery. D. S. Kuehl. 2,373,582; Apr. 10.
Ammunition manufacturing machine. K. J. Yost. 2,387,698; Oct. 23.
Ammunition priming mixtures. P. H. Burdett and M. W. Maughan. 2,377,670; June 5.
Ammunition rounds indicator. W. H. Huenergardt. 2,377,011; May 29.
Amphibian vehicle. F. W. McLarty. 2,386,132; Oct. 2.
Amphibious vehicle. J. Akins. 2,376,647; May 22.
Amphibious vehicle. L. A. Wilkie. 2,370,508; Feb. 27.

Amplification control in seismic surveying. R. T. Cloud. 2,375,283; May 8.
Amplifier. D. E. Maxwell. 2,369,066; Feb. 6.
Amplifier. G. Muffly. 2,370,483; Feb. 27.
Amplifier. W. V. Roberts. 2,375,821; May 15.
Amplifier circuit. L. E. Barton. 2,374,071; Apr. 17.
Amplifier circuit. P. G. Edwards. 2,369,030; Feb. 6.
Amplifier circuit. W. J. Field. 2,373,241; Apr. 10.
Amplifier circuit. J. R. Ford. 2,379,699; July 3.
Amplifier circuits. H. G. Brinton. 2,390,773; Dec. 11.
Amplifier, Direct current. R. M. Wilmotte. 2,391,532; Dec. 25.
Amplifier, Direct current voltage. W. M. Roberds and B. F. Wheeler. 2,375,948; May 15.
Amplifier, Distortionless radio-frequency. J. D. Booth. 2,384,791; Sept. 18.
Amplifier, Impulse. C. E. Hallmark. 2,375,551; May 8.
Amplifier, Low frequency. H. A. Broos. 2,373,534; Apr. 10.
Amplifier, Negative feedback. J. R. Cannon. 2,380,923; Aug. 7.
Amplifier or oscillator, Selective. B. M. Hadfield. 2,386,892; Oct. 16.
Amplifier, Potential ratio-controlled. C. W. Hansell. 2,383,855; Aug. 28.
Amplifier system. F. K. Floyd. 2,379,897; July 10.
Amplifier system. W. H. Nelson. 2,367,600; Jan. 16.
Amplifier system, Audio. A. A. Fayers. 2,367,110; Jan. 9.
Amplifier system, Compensation. C. N. Gillespie. 2,378,999; June 26.
Amplifier system, Unbalance correcting. K. Singer. 2,390,850; Dec. 11.
Amplifier, Thermionic. R. B. Dome. 2,368,454; Jan. 30.
Amplifier, Torque. H. M. McCoy. 2,390,547; Dec. 11.
Amplifier, Variable selectivity. K. B. Austin and G. G. Young. 2,390,768; Dec. 11.
Amplifier, Video. K. Schlesinger. 2,384,263; Sept. 4.
Amplifier, Zero phase shift selective. G. E. Oberweiser. 2,383,984; Sept. 4.
Amplifiers, Broad band. H. W. Bode. 2,367,711; Jan. 23.
Amplifying apparatus. S. A. Scherbatskoy. 2,376,195; May 15.
Amplitude modulation. M. Artzt. 2,373,737; Apr. 17.
Amplitude modulation to frequency modulation, Conversion of. W. Van B. Roberts. 2,378,581; June 19.
Ampoule. A. E. Smith. 2,368,431; Jan. 30.
Ampoule filling and conveying machine. W. T. Barker. 2,383,700; Aug. 28.
Ampoule filling machine. W. T. Barker. 2,367,085; Jan. 9.
Ampule. A. E. Smith. 2,377,274; May 29.
Ampule cleansing machine. F. Cozzoli. 2,379,789; July 3.
Amusement attachment for bicycles. C. W. Redlund. 2,367,430; Jan. 16.
Amusement device. J. A. Brewer. 2,368,088; Jan. 30.
Amusement device. J. Fostos. 2,385,980; Oct. 2.
Amusement device. I. F. Howard. 2,368,989; Feb. 6.
Amusement device. J. S. Nicholas. 2,378,722; June 19.
Amusement device. E. A. Rulfs. 2,375,692; May 8.
Amusement device. H. Singer. 2,382,513; Aug. 14.
Amusement device. C. E. Wilson. 2,373,367; Apr. 10.
Amusement device, Activated. A. M. Hillery. 2,384,168; Sept. 4.
Amusement device for registering emotion. S. D. Eilenberger. 2,379,955; July 10.
Amusement machine. D. R. Clark. 2,384,237; Sept. 4.
Amylaceous reaction products and the production thereof. H. F. Gardner. 2,374,676; May 1.
Anaesthetic liquids, Vaporizing. R. R. Macintosh, K. Mendelssohn, and R. Salt. 2,367,955; Jan. 23.
Anal retractor. J. R. Helfrick. 2,384,304; Sept. 4.
Analgetically effective tetrahydronaphthalene piperidye derivatives. G. Scheuing and B. Walach. 2,369,611; Feb. 13.
Analysis and control of organic systems, Method and apparatus for continuous. N. Wright. 2,386,830; Oct. 16.
Analysis of organic mixtures while in motion and for control of systems comprising such mixtures, Method and apparatus for continuous. N. Wright. 2,386,831; Oct. 16.
Analytical apparatus. A. V. Palma. 2,370,683; Mar. 6.
Analytical system. D. D. Taylor. 2,373,151; Apr. 10.
Analytical system. H. W. Washburn. 2,387,786; Oct. 30.
Analyzer. A. Svoboda. 2,366,658; Jan. 2.
Analyzer, Ignition. C. W. McCoy. 2,381,609; Aug. 7.
Anchor. J. K. Northrop. 2,368,942; Feb. 6.
Anchor. J. K. Northrop. 2,380,119; July 10.
Anchor. C. W. Thayer. 2,377,054; May 29.
Anchor and packer assembly, Tubing. H. J. Quintrell. 2,380,612; July 31.
Anchor, Bolt. V. Mancini. 2,373,585; Apr. 10.
Anchor, Cable. R. G. Le Tourneau. 2,374,111; Apr. 17.
Anchor device. J. M. Grinde and A. E. Manthey. 2,379,349; June 26.
Anchor devices, Vehicle. G. E. Adkisson. 2,376,318; May 15.
Anchor for ground supports. J. B. Hyde. 2,389,149; Nov. 20.
Anchor, Nut. J. R. Leisure. 2,374,548; Apr. 24.

Anchor nuts, Making. W. M. Siesel. 2,370,201; Feb. 27.
Anchor, Well. L. D. Mowrey. 2,380,669; July 31.
Anchorage means for railway rails. L. Q. Moore. 2,384,328; Sept. 4.
Anchoring device. C. S. Crickmer. 2,383,453; Aug. 28.
Anchoring means for flexible members. S. Lipton. 2,391,788; Dec. 25.
Anchoring means for foundation garments. E. R. Sutter. 2,380,272; July 10.
Anchoring means for vehicle seats. R. S. Turner. 2,372,803; Apr. 3.
Andiron, Fireplane. W. Murdock. 2,390,453; Dec. 4.
Anemometer. J. P. Eder. 2,389,615; Nov. 27.
Anesthetic solutions. D. Curtis. 2,382,546; Aug. 14.
Angle and distance gauge. R. L. Ebinger and C. E. Meree. 2,383,243; Aug. 21.
Angle and radius indicator, Boom. O. N. Nasset. 2,374,298; Apr. 24.
Angle drive for tools or the like. C. A. Koza. 2,370,906; Mar. 6.
Angle edging device. T. A. Hicks, Sr. 2,373,829; Apr. 17.
Angle gauge and cutting tool. P. J. McGarvey. 2,386,330; Oct. 9.
Angle modulated wave resonance indicator. B. Trevor. 2,379,765; July 3.
Angle of incidence of radio waves, Determining vertical. E. L. Kilpatrick. 2,379,909; July 10.
Angle valve structure. M. Smolensky. 2,379,382; June 26.
Angularly adjustable coupling. H. C. Edwards. 2,372,180; Mar. 27.
Anhydrides, Copolymers of maleic. W. E. Hanford. 2,378,629; June 19
Anhydride-terpene reaction products and producing same, Modified maleic. W. E. Lundquist. 2,383,399; Aug. 21.
Anhydrite plaster. J. J. Etridge, F. R. Himsworth, and V. Lefebure. 2,379,222; June 26.
Anhydrous acid, Segregation of. C. S. Kelley. 2,388,156; Oct. 30.
Anhydrous compound of the pentitols, Preparation of. F. Grandel. 2,375,915; May 15.
Anhydrous hydrogen chloride, Production of. A. C. Mohr. 2,367,301; Jan. 16.
Anhydrous sodium sulphate, Manufacture of. M. L. Harbaugh. 2,374,285; Apr. 24.
Animal carcasses, Treatment of. C. L. Lohner and D. E. Rueckert. 2,371,967; Mar. 20.
Animal carcasses, Treatment of. B. E. Williams. 2,379,845; July 3.
Animal carcasses, Treatment of. B. E. Williams and L. L. Cadwell. 2,387,221; Oct. 16.
Animal food and preparing the same. H. Heuser. 2,377,008; May 29.
Animal intestines, Forming continuous strands of. T. R. Selby. 2,391,483; Dec. 25.
Animal-scratching device. F. L. Heese. 2,380,842–4; July 31.
Animal tissue, Treatment of. J. Epst. 2,381,813; Aug. 7.
Animal trap. E. V. Hammond. 2,376,591; May 22.
Animal trap. N. Horowitz. 2,387,328; Oct. 23.
Animal trap. G. H. Middleton. 2,374,691; May 1.
Animal trap. H. A. Stilson. 2,368,581; Jan. 30.
Animal trap. H. A. Stilson. 2,378,253; June 12.
Animated figure. F. E. Thomas. 2,366,576; Jan. 2.
Animated illustration. J. R. Wehr. 2,384,661–2; Sept. 11.
Animated picture device. E. Schwartz. 2,367,967; Jan. 23.
Animated toy. N. G. Cohen. 2,378,190; June 12.
Animation for photographic purposes, Attaining realistic. J. W. Richards. 2,384,341; Sept. 4.
Ankle joint. L. G. Caron. 2,390,920; Dec. 11.
Announcing system, Time-of-day. R. F. Massonneau. 2,384,634; Sept. 11.
Annular flow measuring device. R. U. Fitting, Jr., and M. H. McKinsey. 2,379,138; June 26.
Annular surfaces, Grinding. J. W. Alsdorf. 2,381,418; Aug. 7.
Annunciating and indicating apparatus. A. P. Jackel. 2,366,791; Jan. 9.
Annunciator, Record controlled. W. J. Bailey and C. E. Whiteman. 2,390,415; Dec. 4.
Annunciator system. H. S. Ott and P. W. Coombs. 2,389,323; Nov. 20.
Anode mold. J. G. Huey. 2,378,480; June 19.
Anode ring motor. E. P. Longerich. 2,379,730; July 3.
Anode structure. M. J. Zunick. 2,379,397; June 26.
Anodizing method. W. W. Herrick. 2,370,463; Feb. 27.
Antenna. A. Alford, C. A. Segerstrom, Jr., and H. N. Capen. 2,372,651; Apr. 3.
Antenna. L. E. Closson. 2,373,660; Apr. 17.
Antenna. C. R. Fleming. 2,368,819; Feb. 6.
Antenna. C. W. Hansell. 2,379,706; July 3.
Antenna. S. Ludwig. 2,366,634; Jan. 2.
Antenna. A. Morch. 2,371,539; Mar. 13.
Antenna. C. W. Thomas and W. A. Robinson. 2,368,174; Jan. 30.
Antenna apparatus, Loop. W. J. Polydoroff. 2,383,415; Aug. 21.
Antenna arrangement. A. Alford. 2,370,628; Mar. 6.
Antenna array. A. G. Kandoian. 2,366,195; Jan. 2.
Antenna, Band. P. P. Gamet. 2,369,556; Feb. 13.
Antenna, Broad band. A. G. Kandoian. 2,368,663; Feb. 6.

Antenna construction. A. Alford and M. Fuchs. 2,385,783; Oct. 2.
Antenna, Directive. H. O. Peterson. 2,375,580; May 8.
Antenna, Foldable. H. H. Harsted. 2,379,577; July 3.
Antenna folding mechanism. L. K. Yerger, Jr. 2,367,164; Jan. 9.
Antenna for automobiles and other vehicles. O. E. Wagenknecht. 2,388,625; Nov. 6.
Antenna, Loop. A. G. Kandoian. 2,383,490; Aug. 28.
Antenna, Mechanically tuned loop. H. E. Thomas. 2,373,206; Apr. 10.
Antenna, Portable. A. G. Richardson. 2,388,287; Nov. 6.
Antenna selector switch. K. B. Austin. 2,376,649; May 22.
Antenna, Shielded loop. W. D. McGuigan. 2,391,026; Dec. 18.
Antenna system. G. H. Brown. 2,374,271; Apr. 24.
Antenna system. W. L. Carlson. 2,368,286; Jan. 30.
Antenna system. C. W. Lytle. 2,385,012; Sept. 18.
Antenna system. A. J. Maddock. 2,383,730; Aug. 28.
Antenna system. R. M. Sprague. 2,379,260; June 26.
Antenna system, Directional. P. H. Kreager. 2,390,543; Dec. 11.
Antenna system, Directive. N. E. Lindenblad. 2,370,053; Feb. 20.
Antenna, Telescopic rod. F. Tellander and O. E. Wagenknecht. 2,391,202; Dec. 18.
Antenna unit, Loop. M. L. Brownshield. 2,381,334; Aug. 7.
Anthraquinone compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,372,663; Apr. 3.
Anthraquinone compounds and their manufacture. E. Gutzwiller. 2,386,309; Oct. 9.
Anthraquinone derivatives. G. D. Buckley and H. A. Piggott. 2,383,236; Aug. 21.
Anthraquinone dyestuffs. H. Dreyfus. 2,381,971; Aug. 14.
Anthraquinone vat dyes, Preparing. W. Dettwyler and F. B. Stilmar. 2,369,951; Feb. 20.
Anthraquinonylamino substitution derivatives of cyanuric chloride, Preparation of. D. P. Graham. 2,373,826; Apr. 17.
Antianemic products, Preparation of. H. L. Keil. 2,369,465; Feb. 13.
Antibackflow and antisiphonage valve. F. Carlton. 2,389,412; Nov. 20.
Antibacklash device. W. E. Swift, Jr. 2,372,693; Apr. 3.
Anticorrosive. E. R. Barnum. 2,369,640; Feb. 20.
Anticorrosive. E. R. Barnum and E. W. Zublin. 2,371,142; Mar. 13.
Anticorrosive. F. T. Weiss. 2,368,602; Jan. 30.
Anticorrosive. E. R. White. 2,368,604–5; Jan. 30.
Antidimming composition. H. Bennett. 2,372,171; Mar. 27.
Antifoaming agents. J. H. Fritz. 2,390,212; Dec. 4.
Antifoaming composition. R. G. Larsen and H. Diamond. 2,375,007; May 1.
Antifoggant. F. R. Bean. 2,384,593; Sept. 11.
Antifoggant, Ethyl trichloroacetate. G. E. Fallesen. 2,378,203; June 12.
Antifoggants, Mandelic acid. G. E. Fallesen. 2,378,204; June 12.
Antifouling composition. G. H. Young. 2,389,229; Nov. 20.
Antifreeze composition. F. R. Balcar. 2,386,182–3; Oct. 9.
Antifreeze device. M. K. Thomas. 2,390,475; Dec. 4.
Antifriction alloy. F. R. Hensel and E. I. Larsen. 2,381,497; Aug. 7.
Antifriction bearing. S. A. Crosby. 2,385,404; Sept. 25.
Antifriction bearing. G. H. Kendall. 2,370,173; Feb. 27.
Antifriction bearing. A. H. Williams. 2,387,962; Oct. 30.
Antiglare device. L. W. Chubb, Jr. 2,367,096; Jan. 9.
Antiglare device. G. F. Handley. 2,382,875; Aug. 14.
Antihunting circuit. R. B. Bodine. 2,386,031; Oct. 2.
Anti-icing device for aircraft. L. A. Bierly. 2,387,637; Oct. 23.
Antimalarial and making the same. M. E. Auerbach. 2,383,458; Aug. 28.
Antioxidant. A. W. Sloan. 2,379,936; July 10.
Antioxidant. P. A. Wells and R. W. Riemenschneider. 2,368,435; Jan. 30.
Antioxidant composition, Ternary synergistic. R. W. Riemenschneider and J. Turer. 2,383,815; Aug. 28.
Antioxidant compositions. R. W. Riemenschneider and J. Turer. 2,375,250; May 8.
Antioxidant, Soap. E. W. Cook. 2,375,626; May 8.
Anti-oxidants. L. H. Howland and P. T. Paul. 2,377,423; June 5.
Antioxidants. W. M. Lauer. 2,373,192; Apr. 10.
Antioxidants. W. I. Patterson and M. B. Williamson. 2,380,546; July 31.
Antioxidants. P. T. Paul. 2,373,335; Apr. 10.
Antioxidants. P. T. Paul. 2,381,771; Aug. 7.
Antioxidants. F. R. Valentine, Jr. 2,380,129–30; July 10.
Antirachitic materials and their production. W. S. Calcott, J. Waddell and H. R. Rosenberg. 2,383,446; Aug. 28.
Antirattler device for windows and the like. E. C. Lyons. 2,378,490; June 19.
Antirecoil for firearms. R. M. Catron. 2,372,315; Mar. 27.
Antirefill device. H. A. Fisher. 2,378,919; June 26.
Antirust composition. R. H. Bruni and J. W. Jones. 2,366,486; Jan. 2.
Antirusts. J. W. Gaynor, C. N. White, and R. W. Watson. 2,387,323; Oct. 23.
Antiseptic composition. M. Mendelsohn. 2,386,252; Oct. 9.
Antishimmy device. Le R. F. Maurer. 2,385,635; Sept. 25.
Antisiphon ball cock valve. J. C. Owens. 2,382,500; Aug. 14.
Antisiphoning plug. W. T. Hanke. 2,373,470; Apr. 10.
Antiskid device. R. C. McNeer. 2,390,956; Dec. 11.
Antislip device. C. Harvey. 2,372,828; Apr. 3.
Antislipping attachment for crutches. W. L. McGrory, G. H. Pemberton, and E. G. Marinetti. 2,371,246; Mar. 13.
Antispasmodic agents. A. G. Richardson. 2,390,555; Dec. 11.
Antisubmarine device. H. A. D. Lindsey. 2,379,447; July 3.
Anti-tampering attachment for valves. H. B. Quarfoot. 2,377,036; May 29.
Antitoxins, Refining. T. D. Gerlough. 2,368,464; Jan. 30.
Aperture objective, Wide. A. E. Glancy. 2,371,165; Mar. 13.
Apparatus and method for applying solder. E. R. Capita. 2,390,498; Dec. 11.
Apparatus and method for bonding composite articles. S. G. Saunders and H. Morrison. 2,371,847; Mar. 20.
Apparatus and method for charging containers with volatile mixtures. G. E. Coyle, Jr. 2,390,694; Dec. 11.
Apparatus and method for feeding clay to cavitous jigger molds. W. J. Miller and A. J. Wahl. 2,389,163; Nov. 20.
Apparatus and method for handling volatile liquids. E. Brinkmann. 2,379,215; June 26.
Apparatus and method for measuring work. M. A. Elliott. 2,377,869; June 12.
Apparatus and method for molding concrete blocks. F. A. Williams and G. G. Rusznyak. 2,382,458; Aug. 14.
Apparatus and method for molding fibrocement sheets. E. W. Rembert, E. A. Winter and W. Reinecker. 2,383,736; Aug. 28.
Apparatus and method for plastic lining of conduits. H. R. Crane. 2,377,615; June 5.
Apparatus and method for sanitizing. W. L. Mallmann, C. H. Kain, and R. J. Schaefer. 2,388,753; Nov. 13.
Apparatus and method for treating material in a pneumatic current. G. D. Arnold. 2,368,699; Feb. 6.
Apparatus and method for utilizing ionizing radiations. S. Rosenblum. 2,383,820; Aug. 28.
Apparatus and method for washing gels. W. H. Gabeler. 2,389,973; Nov. 27.
Apparatus and method of coating. C. C. Stoll. 2,384,500; Sept. 11.
Apparatus and process for making catalytic particles. H. G. Daley and J. C. Howard, Jr. 2,384,455; Sept. 11.
Apparatus and process for making pipes. J. Ferla. 2,374,087; Apr. 17.
Apparatus and process for tapering artificial filaments. J. J. Gregory. 2,374,744; May 1.
Apparatus employed in computing illumination. F. Benford. 2,371,495; Mar. 13.
Apparatus for absorbing decomposition products. F. M. Clark. 2,388,524; Nov. 6.
Apparatus for adjustably holding cutting tools against grinding wheels. P. J. Gebel. 2,367,494; Jan. 16.
Apparatus for administering anesthetics. H. A. E. Talley. 2,384,354; Sept. 4.
Apparatus for aerating sewage. C. H. Nordell. 2,374,772; May 1.
Apparatus for analyzing recorded data. H. D. Giffen. 2,380,231; July 10.
Apparatus for analyzing wave bands. E. L. Kent. 2,377,242; May 29.
Apparatus for and method of assembling knock-down containers. H. K. Powell. 2,367,688; Jan. 23.
Apparatus for and method of manufacturing of cuproammonium rayon. W. H. Furness. 2,378,211; June 12.
Apparatus for and method of manufacturing slide fasteners. M. Norkin and A. Savitzky. 2,385,836; Oct. 2.
Apparatus for and method of quenching. H. E. Somes. 2,376,515; May 22.
Apparatus for and method of rust proofing. E. W. Richards. 2,381,183; Aug. 7.
Apparatus for appendaging prefabricated pottery-ware. W. J. Miller and A. J. Reek. 2,374,556; Apr. 24.
Apparatus for applying adhesive to container body ends. H. A. Fink. 2,388,911; Nov. 13.
Apparatus for applying and removing valve fittings in gas cylinders. W. H. Loveman. 2,374,871; May 1.
Apparatus for applying bands to tubular articles. W. A. Weightman. 2,382,359; Aug. 14.
Apparatus for applying carbon to sheets. J. A. La Hatte and R. B. Smith. 2,366,411; Jan. 2.
Apparatus for applying cement to rubberized fabric. M. Engler. 2,370,298; Feb. 27.
Apparatus for applying coating. R. S. Eisner. 2,388,605; Nov. 6.
Apparatus for applying coating material. N. K. Carlson. 2,378,184; June 12.

Apparatus for applying covers. V. H. Hasselquist. 2,378,011; June 12.
Apparatus for applying flux and the like. E. R. Capita. 2,370,775; Mar. 6.
Apparatus for applying mats to battery plates. C. G. Staelin. 2,373,082; Apr. 3.
Apparatus for applying moisture to paper webs. D. B. Bradner. 2,366,484; Jan. 2.
Apparatus for applying plastic coatings. W. R. Brend. 2,368,742; Feb. 6.
Apparatus for applying plastic coatings. W. R. Brend. 2,380,499; July 31.
Apparatus for applying radiant energy. E. W. Boerstler. 2,380,682; July 31.
Apparatus for applying sheet material to other materials. A. P. Bamford. 2,384,231; Sept. 4.
Apparatus for applying treating mediums. G. Ornstein. 2,387,406; Oct. 23.
Apparatus for applying treating or coating materials to paper. E. Palmer. 2,373,849; Apr. 17.
Apparatus for applying trim molding. A. C. Lind and A. Carlin. 2,372,097; Mar. 20.
Apparatus for applying wearing surface coatings to tires. F. H. Taber. 2,368,172; Jan. 30.
Apparatus for article working. C. O. Blaisdell. 2,380,212; July 10.
Apparatus for artificial respiration. D. R. Scanlan. 2,383,821; Aug. 28.
Apparatus for assembling percussion primers. S. E. Van Tuyl. 2,366,885; Jan. 9.
Apparatus for assembling tyne characters. A. J. Evangelista. 2,378,473; June 19.
Apparatus for attaching adhesive tape to masking paper. M. T. Johnson. 2,374,103; Apr. 17.
Apparatus for attenuating fibers. E. Fletcher. 2,380,915; Aug. 7.
Apparatus for automatically adjusting electrical networks. H. Lehde. 2,385,454; Sept. 25.
Apparatus for automatically severing tubing and the like. W. E. Edwards. 2,366,243; Jan. 2.
Apparatus for averaging materials. A. J. Boynton. 2,385,494; Sept. 25.
Apparatus for balancing propeller blades. H. P. Reiber. 2,388,705; Nov. 13.
Apparatus for balancing wheels. U. A. Inman. 2,378,018; June 12.
Apparatus for bending channels or the like. J. H. Newsome and A. Davis. 2,382,901; Aug. 14.
Apparatus for bending elongated metal articles. D. B. Nivison. 2,369,486; Feb. 13.
Apparatus for bending glass. W. Owen. 2,370,575; Feb. 27.
Apparatus for bending glass sheets. L. J.-B. Forbes and G. W. T. Bird. 2,372,418; Mar. 27.
Apparatus for blocking row crops. S. F. Soucie. 2,373,716; Apr. 17.
Apparatus for bonding one article to another. G. Stuhlfauth. 2,380,269; July 10.
Apparatus for broaching. H. H. Gotberg. 2,372,823; Apr. 3.
Apparatus for building tires. F. S. Sternad and J. P. Sapp. 2,374,391; Apr. 24.
Apparatus for bumping platen presses. A. Hermann. 2,381,125; Aug. 7.
Apparatus for burning off glassware. H. R. Schutz 2,381,467; Aug. 7.
Apparatus for burning refuse. N. T. Puckett. 2,381,182; Aug. 7.
Apparatus for carrying out chemical reactions. P. J. Gaylor. 2,378,138; June 12.
Apparatus for casting articles in permanent metal molds. H. E. McWane. 2,367,727; Jan. 23.
Apparatus for casting hollow metal articles. J. P. Gowland. 2,380,751; July 31.
Apparatus for casting metal ingots. W. S. Walker. 2,377,732; June 5.
Apparatus for casting metals. P. Campbell. 2,369,277; Feb. 13.
Apparatus for catalytic conversion. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,379,195; June 26.
Apparatus for cementing the wall of an earth-boring. C. E. Bannister. 2,387,002; Oct. 16.
Apparatus for cementing well bores. R. C. Baker. 2,370,833; Mar. 6.
Apparatus for charging and sealing tubular containers. G. L. McFarland, Jr. 2,381,764; Aug. 7.
Apparatus for charging cupolas. H. L. Kuehlthau. 2,375,371; May 8.
Apparatus for charging melting pots of typesetting machines. A. O. Hebb and W. A. Whitney. 2,372,158; Mar. 20.
Apparatus for charging mortar into pipe bores. H. R. Crane. 2,369,720; Feb. 20.
Apparatus for checking entries. M. A. H. van den Akker. 2,377,466; June 5.
Apparatus for cleaning hot blast stove flues. F. Weir. 2,374,399; Apr. 24.
Apparatus for cleaning roller bearings. F. L. Streuber. 2,369,498; Feb. 13.
Apparatus for cleaning textile machines. C. De V. Miller. 2,378,361; June 12.
Apparatus for coalescing foam. L. Dillon and E. G. Ragatz. 2,381,578; Aug. 7.
Apparatus for coating. R. J. Randall. 2,375,493; May 8.
Apparatus for coating. H. F. Taylor and V. A. Nedzvedsky. 2,373,721; Apr. 17.
Apparatus for coating a fibrous strip. C. Field. 2,386,203; Oct. 9.
Apparatus for coating containers. V. A. Fox. 2,368,130; Jan. 30.
Apparatus for coating glass articles. A. K. Lyle. 2,375,482; May 8.
Apparatus for coating record blanks. L. E. Dettle. 2,388,126; Oct. 30.
Apparatus for coating sheet metal. H. Sebell. 2,370,495; Feb. 27.
Apparatus for cold rolling. J. F. Ferm. 2,376,240; May 15.
Apparatus for combining sheets. H. A. Rau. 2,384,768; Sept. 11.
Apparatus for communication systems. W. L. Konrad. 2,385,211–12; Sept. 18.
Apparatus for communication systems. W. L. Konrad. 2,389,987; Nov. 27.
Apparatus for conditioning cotton seed. H. O. Shields. 2,376,094; May 15.
Apparatus for conditioning plastic material. J. Bailey. 2,373,939; Apr. 17.
Apparatus for conditioning steel blanks. P. Kruse. 2,375,927; May 15.
Apparatus for conditioning tobacco. R. D. Touton. 2,379,118; June 26.
Apparatus for conducting catalytic reactions. K. H. Hachmuth. 2,373,888; Apr. 17.
Apparatus for conducting reactions in liquid phase. W. F. Caldwell, R. C. Swain and J. H. Paden. 2,375,730; May 8.
Apparatus for connecting plies of thermoplastic material. J. Custers. 2,387,566; Oct. 23.
Apparatus for continuous conversion of hydrocarbons. P. Ostergaard. 2,388,642; Nov. 6.
Apparatus for continuous fractional distillation. E. M. F. Guignard. 2,385,074; Sept. 18.
Apparatus for continuously hot dip coating of tin on coiled strip. C. W. Sherman. 2,390,007; Nov. 27.
Apparatus for controlling draft. R. R. McIntosh. 2,377,895; June 12.
Apparatus for controlling fluid pressure. W. T. Stephens. 2,377,278; May 29.
Apparatus for controlling fluid volume in fluid couplings. M. H. Blank. 2,377,851; June 12.
Apparatus for controlling railway switches. D. F. Cobourn. 2,367,716; Jan. 23.
Apparatus for controlling temperature of boosted charge of internal combustion engines. W. Helmore. 2,372,272; Mar. 27.
Apparatus for controlling the speed of phonograph turntables. R. L. Stone. 2,369,085; Feb. 6.
Apparatus for controlling transmission mechanism. L. L. Beltz. 2,380,717; July 31.
Apparatus for converting hydrocarbon oils. W. J. Degnen, H. M. Nelly, Jr., and P. C. Keith. 2,370,234; Feb. 27.
Apparatus for converting hydrocarbon oils. W. J. Degnen, H. M. Nelly, Jr., and P. C. Keith, Jr. 2,378,394; June 19.
Apparatus for converting sound to frequency modulated currents. W. Hausz. 2,386,049; Oct. 2.
Apparatus for conveying and arranging bottles, jars, cans, or the like. T. J. Gagnon and A. S. Alcorn. 2,389,496; Nov. 20.
Apparatus for conveying freshly coated containers. J. F. Earp. 2,382,619; Aug. 14.
Apparatus for cooking food. L. T. Finizie. 2,377,873; June 12.
Apparatus for cooling, drying, and desilting granular material. J. N. Collins and C. Ashton. 2,384,891; Sept. 18.
Apparatus for cooling or dehumidifying air. A. E. Williams. 2,378,964; June 26.
Apparatus for cooling soap and similar solidifiable materials. D. A. Hackett. 2,385,134; Sept. 18.
Apparatus for copper coating ferrous metal strip. B. C. Moise and B. C. Moise, Jr. 2,375,434; May 8.
Apparatus for copying documents and the like. R. A. Higonnet and L. N. Chereau. 2,388,264; Nov. 6.
Apparatus for crowning containers under vacuum. J. Kantor. 2,378,640; June 19.
Apparatus for cutting corrugated plates and the like. L. H. Place. 2,389,239; Nov. 20.
Apparatus for cutting curved surfaces. H. Q. Day. 2,390,927; Dec. 11.
Apparatus for cutting dies. S. Leskieqicz. 2,367,225; Jan. 16.
Apparatus for cutting filaments. W. E. Llewellyn. 2,391,719; Dec. 25.
Apparatus for cutting metal. H. G. Hughey. 2,384,921; Sept. 18.
Apparatus for cutting strip material. E. A. Davis. 2,387,650; Oct. 23.
Apparatus for debarking and cleaning logs. M. J. Power. 2,390,459; Dec. 4.
Apparatus for declustering fruit. B. C. Coons. 2,382,134; Aug. 14.
Apparatus for deep sea rescue and salvage. J. W. Justus. 2,377,695; June 5.

Apparatus for degreasing containers. E. W. Kimmig and F. J. Peters. 2,380,968; Aug. 7.
Apparatus for dehydrating. G. Overton. 2,376,502; May 22.
Apparatus for dehydrating fruit, vegetables, and other products. T. Veit. 2,370,825; Mar. 6.
Apparatus for dehydration. F. B. Doyle, E. H. Markley, and J. F. Plumer, Jr. 2,370,295; Feb. 27.
Apparatus for desalting oil. H. C. Eddy. 2,386,941; Oct. 16.
Apparatus for detecting trends in observed data. H. Ziebolz. 2,390,569; Dec. 11.
Apparatus for detecting underground metallic objects. H. Chireix. 2,376,659; May 22.
Apparatus for determining blood volume. J. L. Nickerson. 2,386,878; Oct. 16.
Apparatus for determining hardness. J. A. Talalay. 2,377,590; June 5.
Apparatus for determining hydrogen in steel. W. D. Brown. 2,387,878; Oct. 30.
Apparatus for determining permeabilities of porous media. J. T. Hayward. 2,390,252; Dec. 4.
Apparatus for determining pressure distribution on airfoils and the like. H. M. Heuver. 2,390,534; Dec. 11.
Apparatus for determining refractive error of the eye. H. F. Ettinger. 2,367,855; Jan. 23.
Apparatus for determining the duration of a transient effect. W. Richter. 2,377,969; June 12.
Apparatus for determining the flatness of glass plates. B. H. Vine. 2,379,263; June 26.
Apparatus for determining the magnitudes required for parallax correction. K. Papello. 2,376,719; May 22.
Apparatus for determining the proportions of admixed immiscible liquids. W. Mendius. 2,371,457; Mar. 13.
Apparatus for determining unbalance in rotors. O. W. Carlstein. 2,381,645; Aug. 7.
Apparatus for developing prints by means of gas. H. J. Brunk. 2,384,155; Sept. 4.
Apparatus for disassembling and reassembling tracks. J. H. Abramson and E. C. Swanson. 2,387,551; Oct. 23.
Apparatus for dispersing liquid. F. S. Pilkington. 2,372,603; Mar. 27.
Apparatus for dispersing material in air. E. Piquerez. 2,374,699; May 1.
Apparatus for displacing air from filled container head spaces. A. L. Kronquest. 2,383,975; Sept. 4.
Apparatus for distilling oil shale and the like. E. H. Records and J. E. Louttit. 2,377,518; June 5.
Apparatus for drawing glass tubing. C. H. Greene. 2,377,494; June 5.
Apparatus for drawing perspectives. R. J. Robinson. 2,380,073; July 10.
Apparatus for dry sump lubrication of engines. B. R. Walsh. 2,373,360; Apr. 10.
Apparatus for drying. F. H. Denner. 2,383,474; Aug. 28.
Apparatus for drying air. C. E. Bennett and P. V. White 2,375,069; May 1.
Apparatus for drying hay, vegetables, fish and the like. V. Einarsson. 2,368,811; Feb. 6.
Apparatus for drying metallic articles. A. L. Bunting and A. C. Schultz. 2,375,173; May 1.
Apparatus for drying or heating printed or engraved sheets. C. Lingle. 2,376,368; May 22.
Apparatus for edge grinding small objects. H. F. Fruth. 2,387,139; Oct. 16.
Apparatus for edging sheet metal blanks. J. Aneiros. 2,370,128; Feb. 27.
Apparatus for effecting catalytic reactions. P. C. Keith and M. M. Perkins. 2,380,245; July 10.
Apparatus for effecting clarification turbulent liquid by flocculation. R. B. Carter, Jr. 2,382,605; Aug. 14.
Apparatus for effecting contacting reactions. R. C. Lassiat. 2,376,365; May 22.
Apparatus for effecting the shrinking or the stretching of textile fabrics. J. J. Hadfield and D. Bamford. 2,374,482; Apr. 24.
Apparatus for electrogalvanizing. W. F. Hall. 2,377,550; June 5.
Apparatus for electrolytic galvanizing of sheets. C. H. Ward. 2,384,660; Sept. 11.
Apparatus for electroplating. E. D. Martin. 2,382,018; Aug. 14.
Apparatus for equalizing the light intensity of a field of view including the sun and adjacent space. M. R. Holste. 2,379,153; June 26.
Apparatus for escape from submerged vessels. J. R. Hartnett. 2,375,299; May 8.
Apparatus for evaporating and distilling. E. P. Worthen, F. S. Barbour, and S. R. Putnam. 2,368,588; Jan. 30.
Apparatus for evaporating and distilling. E. P. Worthen. 2,374,519; Apr. 24.
Apparatus for expanding tubes. H. Boyles and R. W. Grabb. 2,373,097; Apr. 10.
Apparatus for extinguishing fires. H. G. Freeman. 2,375,297; May 8.
Apparatus for extracting fruit juices. E. Ravndal and A. P. Fothergill. 2,374,456; Apr. 24.
Apparatus for extracting sulphur from gases. W. C. Fernelius and J. P. McReynolds. 2,386,390; Oct. 9.
Apparatus for extruding hollow articles. D. M. Frothingham. 2,368,980; Feb. 6.
Apparatus for extrusion of organic materials. C. R. Johnson and R. R. Nydegger. 2,370,469; Feb. 27.
Apparatus for fabricating connecting rods. C. E. Metheny and A. L. Marker. 2,375,574; May 8.
Apparatus for fabricating plywood structures. R. L. Beasecker. 2,380,573; July 31.
Apparatus for facilitating the transport of aircraft. E. Page. 2,391,503; Dec. 25.
Apparatus for feeding and cutting material into definite lengths. L. N. Linscott. 2,385,926; Oct. 2.
Apparatus for feeding and ejecting envelopes. C. D. Ryan. 2,389,551; Nov. 20.
Apparatus for feeding and orienting crowned nut or article blanks. E. J. Cole. 2,379,564; July 3.
Apparatus for feeding articles. R. W. Harris and G. Dearsley. 2,366,256; Jan. 2.
Apparatus for feeding articles from a container. F. Parry. 2,378,032; June 12.
Apparatus for feeding articles from a supply. C. Best and S. R. Chown. 2,371,126; Mar. 13.
Apparatus for feeding clay to molds. W. J. Miller. 2,374,554; Apr. 24.
Apparatus for feeding cut tobacco. F. F. Ruau. 2,367,060; Jan. 9.
Apparatus for feeding paper pulpers. A. G. Gibson and C. R. Crawford. 2,369,347; Feb. 13.
Apparatus for feeding material. R. F. Hohman. 2,367,775; Jan. 23.
Apparatus for filling cans and other containers. D. W. Bingham. 2,374,268; Apr. 24.
Apparatus for filling containers. R. B. McKinnis. 2,390,443; Dec. 4.
Apparatus for filling containers with liquids, pastes, or discrete material. D. W. Bingham. 2,388,036; Oct. 30.
Apparatus for filling containers with milk and other liquids. H. M. McDonald. 2,380,771; July 31.
Apparatus for finishing the surface of cylindrical bodies. L. E. Gaenzle. 2,367,641; Jan. 16.
Apparatus for firing powder. A. Groth and H. J. Hanauer. 2,368,018; Jan. 23.
Apparatus for fixing the tool in the lathe. M. G. Fenosa. 2,375,295; May 8.
Apparatus for flame cultivation of plants. P. C. McLemore and V. Knudsen. 2,391,027; Dec. 18.
Apparatus for flame hardening. J. O. Bishop and L. L. Babcock. 2,368,087; Jan. 30.
Apparatus for flanging openings in tube type headers. J. G. Zummach. 2,368,394; Jan. 30.
Apparatus for flue dust removal. L. J. Buck and C. E. Veatch. 2,382,855; Aug. 14.
Apparatus for fluid meter, Protective. J. W. Beecher. 2,374,523; Apr. 24.
Apparatus for folding, banding, and mounting paper tickets. R. F. Palmer. 2,388,433; Nov. 6.
Apparatus for folding sheet material. L. Brandt. 2,368,445; Jan. 30.
Apparatus for forging billets. H. G. Welsford and W. P. Muir. 2,368,603; Jan. 30.
Apparatus for formation and packing of containers. W. F. Brown. 2,378,180; June 12.
Apparatus for forming and trimming die castings. L. H. Morin. 2,367,303; Jan. 16.
Apparatus for forming batch bodies. G. W. Batchell. 2,371,213; Mar. 13.
Apparatus for forming corrosion resisting films. J. E. Swope, Jr. 2,384,576; Sept. 11.
Apparatus for forming cup-shaped hollow bodies. H. Lorant. 2,371,304; Mar. 13.
Apparatus for forming hollow bodies. P. Salvaneschi. 2,369,608; Feb. 13.
Apparatus for forming identification badges. E. B. Gage. 2,380,746; July 31.
Apparatus for forming integral finned tubing. G. E. Clifford. 2,385,498; Sept. 25
Apparatus for forming laminated molded structures. E. L. Vidal. 2,386,578; Oct. 9.
Apparatus for forming materials. C. J. Hull. 2,367,779; Jan. 23.
Apparatus for forming metallic articles. E. Sirp and J. S. Stull. 2,369,318; Feb. 13.
Apparatus for forming optical wedges. O. A. Ullrich, Jr. 2,369,764; Feb. 20.
Apparatus for forming plastic objects. P. S. Hauton. 2,380,042; July 10.
Apparatus for forming screw threads. C. A. Reimschissel. 2,378,951; June 26.
Apparatus for forming sheet material. J. W. Greig. 2,389,974; Nov. 27.
Apparatus for forming sheet material. H. L. Johnson. 2,370,666; Mar. 6.
Apparatus for forming sheet metal articles. S. K. Wellman. 2,378,742; June 19.
Apparatus for forming sheets from plastic material. G. A. Hoggatt. 2,380,527; July 31.
Apparatus for games or the like. J. M. Prentice. 2,372,851; Apr. 3.
Apparatus for gas analysis. P. S. Williams and M. W. Kriegel. 2,389,706; Nov. 27.
Apparatus for gauging and straightening. E. L. McKinney and J. A. Banta. 2,389,206; Nov. 20.
Apparatus for generating and superheating steam. M. Frisch. 2,366,717; Jan. 9.
Apparatus for generating hydrogen and carbon from hydrocarbon gas. W. G. Clark. 2,367,928; Jan. 23.
Apparatus for generating sound waves. E. H. Land and M. Grabau. 2,376,493; May 22.

Apparatus for grinding and buffing metallic articles and the like. F. C. Glike. 2,376,847; May 22.
Apparatus for grinding duplicate parts. G. S. Gould. 2,372,824; Apr. 3.
Apparatus for handling airplanes. J. P. Valdene. 2,390,754; Dec. 11.
Apparatus for handling and heat treating glass. A. H. Vaughn. 2,370,381; Feb. 27.
Apparatus for handling and heating containers. W. L. Gladfelter and W. A. Schmidt. 2,366,515; Jan. 2.
Apparatus for handling articles. D. V. Waters. 2,371,085; Mar. 6.
Apparatus for handling dust. F. B. Allen. 2,368,396; Jan. 30.
Apparatus for handling strands. J. A. Wagner. 2,390,904; Dec. 11.
Apparatus for heat treating liquids. W. J. O'Brien. 2,378,029; June 12.
Apparatus for heating air or other fluid. F. Thomlinson. 2,380,346; July 10.
Apparatus for heating and cooking. W. B. Elmer. 2,379,509; July 3.
Apparatus for heating and handling containers. W. I. Gladfelter and W. A. Ehrlich. 2,371,885; Mar. 20.
Apparatus for heating fluids. W. C. Seifert. 2,385,846; Oct. 2.
Apparatus for heating fluids. J. S. Wallis and J. W. Throckmorton. 2,372,991; Apr. 3.
Apparatus for heating gas streams. L. Silver and M. Maccormac. 2,375,500; May 8.
Apparatus for heating hard water. E. W. Welp. 2,376,298; May 15.
Apparatus for heating materials for molding. G. Smith. 2,370,883; Mar. 6.
Apparatus for high temperature tensile testing of materials. M. M. Semchyshen. 2,375,034; May 1.
Apparatus for holding an anchor in a mold. G. J. Saffert. 2,366,656; Jan. 2.
Apparatus for homogenizing mixed liquid ingredients. J. C. Rhodes. 2,388,573; Nov. 6.
Apparatus for hot-air heating systems. J. C. Miles. 2,369,681; Feb. 20.
Apparatus for hydrodynamic-testing of ship models. C. A. Lee. 2,378,412; June 19.
Apparatus for illustrating propeller blade pitch movements. W. C. Roberts-Horsfield, Jr. 2,372,741; Apr. 3.
Apparatus for impregnating electric power cables. C. E. Bennett. 2,390,823; Dec. 11.
Apparatus for impregnating webs. L. E. Hahn. 2,385,916; Oct. 2.
Apparatus for indicating and controlling the flow of solid materials. F. J. McNamara. 2,368,672; Feb. 6.
Apparatus for inducing respiration. H. E. Enslin and E. C. Wallace. 2,383,181; Aug. 21.
Apparatus for induction heating of molding machines. M. A. Crosby. 2,381,866; Aug. 14.
Apparatus for inflating and deflating an expansible plug by means of a liquid content. E. T. Ahern. 2,378,367; June 12.
Apparatus for inside riveting of hollow rivets. A. Cucchi and G. Manzini. 2,374,079; Apr. 17.
Apparatus for inspecting flash holes in primer tubes. L. Meister. 2,385,367; Sept. 25.
Apparatus for installing and removing electric-power lines. P. Staheli. 2,374,048; Apr. 17.
Apparatus for insulating electrical conductors. C. N. Stover. 2,387,191; Oct. 16.
Apparatus for intensifying speech in the human vocal cavities. N. R. French. 2,374,090; Apr. 17.
Apparatus for internal grinding. R. A. Heald. 2,382,311; Aug. 14.
Apparatus for introducing a coolant into grinding wheels. H. J. Scheer. 2,380,332; July 10.
Apparatus for introducing liquids into containers. R. B. McKinnis. 2,377,796; June 5.
Apparatus for jacking airplanes or the like. P. A. Dunn, Jr. 2,369,545; Feb. 13.
Apparatus for jet propulsive and other purposes. G. Vigo. 2,375,180; May 1.
Apparatus for launching or assisting in the launching of airplanes. G. T. Wilson. 2,379,267; June 26.
Apparatus for laying mats on landing fields. C. H. Payne. 2,384,395; Sept. 4.
Apparatus for lifting and transferring materials. A. M. Carter. 2,391,224; Dec. 18.
Apparatus for liquid contact for fractionating, etc. R. E. Burk and T. J. Walsh. 2,376,341; May 22.
Apparatus for loading guns. G. M. Taylor. 2,385,387; Sept. 25.
Apparatus for locating foreign bodies. A. A. de Lorimier. 2,390,520; Dec. 11.
Apparatus for making abrasive articles. E. Van der Pyl. 2,391,206; Dec. 18.
Apparatus for making all-plastic molded buttons. W. F. Reibold and R. P. Magnenat. 2,367,962; Jan. 23.
Apparatus for making annual articles, Method of and. R. Pash. 2,390,614; Dec. 11.
Apparatus for making artificial teeth. F. R. Felcher. 2,368,816; Feb. 6.
Apparatus for making blades for turbo-machines. C. Sequin. 2,389,876; Nov. 27.
Apparatus for making cellular masses. R. M. Urquhart. 2,381,475; Aug. 7.
Apparatus for making coil springs. A. T. Holister. 2,369,827; Feb. 20.
Apparatus for making coke. C. H. McKinney. 2,384,184; Sept. 4.
Apparatus for making composite strips. G. H. Schanz. 2,382,177; Aug. 14.
Apparatus for making corrugated tubing. D. Ingalls. 2,383,253; Aug. 21.
Apparatus for making electrical coils. H. P. Von Knauf. 2,368,389; Jan. 30.
Apparatus for making extensible retractile cords. C. J. Hackbarth. 2,377,033; May 29.
Apparatus for making fan belts. J. B. Davis. 2,367,821; Jan. 23.
Apparatus for making flavored confections. A. C. Routh. 2,389,084; Nov. 13.
Apparatus for making fluid pressure connections to the instruments on an instrument panel. D. Samiran. 2,386,270; Oct. 9.
Apparatus for making geophysical explorations. H. M. Evjen. 2,375,778; May 15.
Apparatus for making glass film. G. Slayter and H. Snow. 2,386,511; Oct. 9.
Apparatus for making gravity measurements. M. E. Moore. 2,389,866; Nov. 27.
Apparatus for making grids. W. W. Eitel and J. A. McCullough. 2,385,973; Oct. 2.
Apparatus for making hand knitted garments. J. M. de la Peña. 2,382,614; Aug. 14.
Apparatus for making hollow rubber articles. N. E. Tillotson. 2,389,009; Nov. 13.
Apparatus for making mattresses, cushions, and the like. F. G. Hodges, Jr. 2,382,226; Aug. 14.
Apparatus for making metal articles from metal powder. A. W. Morris. 2,379,540; July 3.
Apparatus for making pellets. E. T. Meakin. 2,391,638; Dec. 25.
Apparatus for making pile products. L. N. Linscott. 2,385,925; Oct. 2.
Apparatus for making plug bricks. J. B. Blewett. 2,369,102; Feb. 6.
Apparatus for making retractile cords. W. T. Barrans and V. S. Martin. 2,390,769; Dec. 11.
Apparatus for making retractile cords. V. S. Martin. 2,391,433; Dec. 25.
Apparatus for making shoe soles. G. Codish. 2,390,991; Dec. 18.
Apparatus for making thermoplastic joints. R. N. Steffens. 2,389,560; Nov. 20.
Apparatus for making variegated hard surface covering. A. C. Perry. 2,374,496; Apr. 24.
Apparatus for making welded tubes. J. L. Anderson. 2,370,387; Feb. 27.
Apparatus for manufacture of compressed clay bodies. W. H. Glenn. 2,373,468; Apr. 10.
Apparatus for manufacture of high melting point bitumen. J. W. Packie and R. E. Bittner. 2,366,551; Jan. 2.
Apparatus for manufacturing bonded fibrous mats. D. Kleist. 2,373.077; Apr. 3.
Apparatus for manufacturing explosives. W. S. Pilcher. 2,383,989; Sept. 4.
Apparatus for manufacturing multiple glazed units. O. D. Englehart. 2,379,220; June 26.
Apparatus for manufacturing pile fabric, such as carpet. G. Niki. 2,378,574; June 19.
Apparatus for manufacturing pipes of composite material. J. Ferla. 2,373,672; Apr. 17.
Apparatus for manufacturing potteryware. W. J. Miller. 2,376,800; May 22.
Apparatus for manufacturing tires. F. Kovacs. 2,382,069; Aug. 14.
Apparatus for manufacturing wire rope. E. Ramstedt and D. D. Symmes. 2,374,133; Apr. 17.
Apparatus for marking egg-laying hens. J. A. Beam. 2,388,898; Nov. 13.
Apparatus for marking or cutting pipes. W. W. Watkins. 2,389,286; Nov. 20.
Apparatus for measuring and adjusting tension in guy lines. G. V. Davies, F. Parr, and C. M. Goodrich. 2,376,037; May 15.
Apparatus for measuring liquids. R. W. McBrien. 2,387,922; Oct. 30.
Apparatus for measuring or indicating the roughnesses or undulations of surfaces. R. E. Reason. 2,372,451; Mar. 27.
Apparatus for measuring rate of change. M. A. Treuhaft. 2,369,499; Feb. 13.
Apparatus for measuring rate of movement. A. H. Davis, Jr. 2,388,256; Nov. 6.
Apparatus for measuring the distance between visual axes of the eyes and for determining vertical inbalance of the eyes or eyeglass lenses. H. C. Rees. 2,380,263; July 10.
Apparatus for melting glass. G. Slayter. 2,383,168; Aug. 21.
Apparatus for mining. J. B. Mavor. 2,389,920–1; Nov. 27.
Apparatus for mining coal. D. H. Reeder. 2,375,689; May 8.
Apparatus for mixing and burning fuel. M. H. Wigton. 2,378,346; June 12.
Apparatus for mixing and dispensing fluids of different densities. D. J. Conway. 2,390,871; Dec. 11.

Apparatus for mixing gases. H. A. E. Talley. 2,379,551; July 3.
Apparatus for modeling figures for animated photography. Ed. Nassour. 2,372,843; Apr. 3.
Apparatus for moistening gummed articles. C. D. Ryan. 2,372,742; Apr. 3.
Apparatus for molding blocks. W. S. Wagoner. 2,389,474; Nov. 20.
Apparatus for molding tubular concrete bodies. S. Lake. 2,386,961; Oct. 16.
Apparatus for mounting foundations. G. A. Carpenter. 2,383,708; Aug. 28.
Apparatus for mounting optical elements. C. H. O. Wittig. 2,375,299; May 8.
Apparatus for mounting safety pins on cards. H. Alfandre. 2,378,171–2; June 12.
Apparatus for multiple stage cementing. O. Hammer. 2,384,675; Sept. 11.
Apparatus for musical instruments, Tuning. N. Bryant. 2,390,237; Dec. 4.
Apparatus for opening and emptying capped bottles. J. C. Wahl. 2,386,152; Oct. 2.
Apparatus for operating lathes. C. A. Bickel. 2,389,757; Nov. 27.
Apparatus for orienting and accumulating elongated articles. R. Clark and H. R. Patterson. 2,387,235; Oct. 23.
Apparatus for orienting well tools. T. A. Creighton. 2,368,413; Jan. 30.
Apparatus for pelleting carbon black. S. C. Carney. 2,368,112; Jan. 30.
Apparatus for perforating material. G. H. Burt. 2,378,618; June 19.
Apparatus for perforating sheet material. G. F. Wales. 2,380,485; July 31.
Apparatus for photographic composition. E. G. Klingberg, F. Stadelmann, and H. R. Freund. 2,391,021; Dec. 18.
Apparatus for photographic printing. H. G. Klemm and C. Niles. 2,378,933; June 26.
Apparatus for piling metallic sheets. D. Bucciocone. 2,374,174; Apr. 24.
Apparatus for placing gravel in wells. L. C. Uren. 2,372,461; Mar. 27.
Apparatus for plotting maps from photographs. W. Bauersfeld. 2,387,555; Oct. 23.
Apparatus for polishing. L. R. Heim. 2,372,722; Apr. 3.
Apparatus for polishing optical flats. P. Kirsch. 2,383,131; Aug. 21.
Apparatus for positioning parts. E. W. Larsen. 2,390,596; Dec. 11.
Apparatus for power development. A. M. Thomsen. 2,391,078; Dec. 18.
Apparatus for practicing football goal kicking. R. E. W. Perry. 2,382,744; Aug. 14.
Apparatus for precision control of flow division for fractionating columns and the like. S. Palkin and S. A. Hall. 2,369,913; Feb. 20.
Apparatus for preparation of carbon. W. C. Goss. 2,390,067; Dec. 4.
Apparatus for preparing or conditioning molding materials just prior to their molding. R. C. Brotz. 2,376,655; May 22.
Apparatus for preparing photoengraving plates. F. T. Powers. 2,387,349; Oct. 23.
Apparatus for preparing solutions. D. J. Evans. 2,378,134; June 12.
Apparatus for preparing yarn and thread packages for liquid treatment. H. J. McDermott and H. P. Fry, Jr. 2,371,638; Mar. 20.
Apparatus for presizing glass tubing. J. C. Smith. 2,368,169; Jan. 30.
Apparatus for printing lengths of material. L. Morgan and R. M. Johnson. 2,375,237; May 8.
Apparatus for processing cord. G. P. Bosomworth. 2,381,398; Aug. 7.
Apparatus for processing wool and fibrous material. H. S. Drum and A. Hopkins. 2,368,916; Feb. 6.
Apparatus for producing a form of pig iron of low carbon content. A. D. Williams. 2,375,510; May 8.
Apparatus for producing a gel product. H. A. Shabaker. 2,370,200; Feb. 27.
Apparatus for producing alternating currents. H. I. Morris. 2,386,811; Oct. 16.
Apparatus for producing bonded structures. J. F. Harkom 2,370,956; Mar. 6.
Apparatus for producing composition brake lining material in transversely groove strip form. T. L. Gatke 2,380,230; July 10.
Apparatus for producing corrugated tubing. W. Tuttle. 2,372,917; Apr. 3.
Apparatus for producing extended surface tubular members. W. Lonsdale. 2,367,226; Jan. 16.
Apparatus for producing fibrous filters. F. B. Hale and O. I. Gaines. 2,386,792; Oct. 16.
Apparatus for producing fire extinguishing foam. F. J. Hogenmiller. 2,386,464; Oct. 9.
Apparatus for producing intercoupled relatively movable castings. L. H. Morin. 2,388,986; Nov. 13.
Apparatus for producing iron alloy powders. J. Wulff 2,381,023; Aug. 7.
Apparatus for producing magnesium. G. D. Bagley. 2,386,189; Oct. 9.
Apparatus for producing magnesium. L. M. Pidgeon 2,387,677; Oct. 23.
Apparatus for producing magnesium by thermal reduction. L. M. Pidgeon. 2,370,812; Mar. 6.
Apparatus for producing metal bodies. R. K. Hopkins. 2,367,123; Jan. 9.
Apparatus for producing metal bodies. R. K. Hopkins. 2,385,136; Sept. 18
Apparatus for producing metal bodies. R. K. Hopkins. 2,385,989; Oct. 2.
Apparatus for producing metal powder. J. E. Silvasy and L. Taylor. 2,384,971; Sept. 18.
Apparatus for producing metallic magnesium. W. S. Bowen. 2,377,478; June 5.
Apparatus for producing metallic magnesium. F. J. Hansgirg. 2,383,856; Aug. 28.
Apparatus for producing power. B. L. Rosenstengel. 2,385,943; Oct. 2.
Apparatus for producing radiographs. M. L. B. J. Caspersz. 2,386,658; Oct. 9.
Apparatus for producing smoke. C. L. Herbline. 2,369,568; Feb. 13.
Apparatus for producing solid or hollow pellets. R. R. Smith. 2,275,955; May 15.
Apparatus for producing stayed boxes. M. P. Junkin. 2,388,266; Nov. 6.
Apparatus for producing V-reenforcements. M. Hornstein. 2,382,057; Aug. 14.
Apparatus for producing wound condensers. H. Kappeler. 2,382,065; Aug. 14.
Apparatus for projecting liquid jets. L. G. M. Timpson. 2,390,280; Dec. 4.
Apparatus for providing regulated direct current voltage. H. Fogel. 2,386,548; Oct. 9.
Apparatus for pulping and screening paper-making materials. H. D. Martindale. 2,371,837; Mar. 20.
Apparatus for purifying light metals. R. J. McNitt. 2,390,115; Dec. 4.
Apparatus for raising sunken vessels. G. W. Winkler. 2,372,039; Mar. 20.
Apparatus for reclaiming of used lubricating oils. G. Bottaro. 2,368,636; Feb. 6.
Apparatus for reconditioning ball races on automotive distributors and the like. G. J. Worel. 2,371,570; Mar. 13.
Apparatus for reconditioning drill pipe. J. F. Cailloux and P. M. Rea. 2,373,163; Apr. 10.
Apparatus for recording seismic waves. H. Hoover, Jr. 2,374,204; Apr. 24.
Apparatus for recording temperature. H. W. Russell and C. F. Lucks. 2,377,376; June 5.
Apparatus for recovering waste materials. G. T. Pearce and G. C. Rhodes. 2,386,975; Oct. 16.
Apparatus for rectification. W. Dennis. 2,366,958; Jan. 9.
Apparatus for rectification and voltage increase. A. Bouwers. 2,369,772; Feb. 20.
Apparatus for reducing the expansion of fluids. J. M. D. Grossi. 2,375,646; May 8.
Apparatus for reduction of metallic material. H. A. Brassert and C. F. Ramseyer. 2,389,133; Nov. 20.
Apparatus for refining crude petroleum. L. Carter and J. T. Barrow. 2,379,563; July 3.
Apparatus for refining glass. G. D. Campbell. 2,384,073; Sept. 4.
Apparatus for refining sublimable mtaerial. F. J. Hansgirg. 2,391,156; Dec. 18.
Apparatus for reforming and forming rail end balls. A. E. Hill. 2,375,470; May 8.
Apparatus for refrigeration. J. Farago. 2,378,692; June 19.
Apparatus for regenerating contact material. C. E. Hemminger. 2,367,351; Jan. 16.
Apparatus for removing carbonaceous deposits from metals and the like. D. P. Hunter and C. A. Stine. 2,371,394; Mar. 13.
Apparatus for removing corners. B. C. Johnson. 2,377,558; June 5.
Apparatus for removing coverings from elongated articles. W. T. Barrans and E. E. Bayor. 2,376,858; May 29.
Apparatus for removing dust from feathers. O. C. Beardsley. 2,389,715; Nov. 27.
Apparatus for removing individual units. H. F. Taylor and V. A. Nedsvedsky. 2,386,076; Oct. 2.
Apparatus for removing iron dissolved in water. H. L. Bowers. 2,370,772; Mar. 6.
Apparatus for removing moisture from liquid products. J. M. Hall. 2,367,770; Jan. 23.
Apparatus for removing water from paper webs. C. W. Mayer. 2,381,766; Aug. 7.
Apparatus for repairing pneumatic tire casings. J. J. Dettling. 2,391,300; Dec. 18.
Apparatus for retreading tires. H. T. Kraft. 2,370,972; Mar. 6.
Apparatus for roasting coffee and the like. J. S. Thomas. 2,389,650; Nov. 27.
Apparatus for rolling radiator core elements. J. Salzer. 2,378,661; June 19.
Apparatus for rustproofing sheet metal. R. R. Tanner. 2,373,432; Apr. 10.
Apparatus for rustproofing the inside of gasometer bells. F. Maurer and R. Laquay. 2,383,402; Aug. 21.
Apparatus for saponification and extraction. D. S. Binnington. 2,373,646; Apr. 17.

Apparatus for sealing containers. P. E. Fischer. 2,368,817; Feb. 6.
Apparatus for sealing containers. G. A. Moore. 2,390,550; Dec. 11.
Apparatus for sealing containers. R. J. Stewart and L. F. Pahl. 2,369,762; Feb. 20.
Apparatus for sealing glass tubes. W. O. Luertzing. 2,378,146; June 12.
Apparatus for seismic surveying. E. M. Shook and R. W. Olson. 2,369,082; Feb. 6.
Apparatus for selective heating treatment of metal. V. W. Sherman. 2,390,559; Dec. 11.
Apparatus for separating from a gas or liquid medium solid or liquid particles. D. Dalin. 2,386,196; Oct. 9.
Apparatus for separating galvanized articles. E. M. Skipper. 2,366,879; Jan. 9.
Apparatus for separating gases from liquids. L. McCulloch. 2,376,794; May 22.
Apparatus for separating lean meat from fat tissue. C. T. Walter. 2,373,361; Apr. 10.
Apparatus for separating solids from liquids. C. L. Hooker, Jr., and J. W. Staley. 2,378,632; June 19.
Apparatus for separating solids from water. H. Weidner. 2,375,713; May 8.
Apparatus for separating suspended matter from gas. D. W. Bowman. 2,370,444; Feb. 27.
Apparatus for separating wax and oil. E. M. Dons and O. G. Mauro. 2,370,454; Feb. 27.
Apparatus for separating wood flour. H. M. Wall and F. J. Dohrer. 2,367,906; Jan. 23.
Apparatus for serving strands upon articles. S. M. Martin and O. G. Nelson. 2,375,862; May 15.
Apparatus for shaping elliptical glass tubes. J. Dichter. 2,371,881; Mar. 20.
Apparatus for shaping glass articles. H. A. Wexell and A. H. MacLaren. 2,377,534; June 5.
Apparatus for shaping objects by plastic deformation. H. Finzel and H. Maykemper. 2,367,015; Jan. 9.
Apparatus for shaping tubes. E. Blais. 2,375,763; May 15.
Apparatus for sintering. M. L. Cover. 2,375,895; May 15.
Apparatus for smoking and curing foodstuffs. O. F. Gilliam. 2,380,428; July 31.
Apparatus for smoothing thermoplastic coating materials. A. M. Wickwire, Jr. 2,381,942; Aug. 14.
Apparatus for sonic detection. J. R. Steinhoff. 2,376,730; May 22.
Apparatus for sorting articles. R. H. Phinney and N. Perry, 2,369,794; Feb. 20.
Apparatus for sorting granular material according to its moisture content. T. A. Oxley and F. Y. Henderson. 2,382,168; Aug. 14.
Apparatus for spinning frames and the like, Roll cleaning. M. F. Thoma. 2,391,754; Dec. 25.
Apparatus for spinning tubular articles. G. J. Horak. 2,388,545; Nov. 6.
Apparatus for spraying container parts. P. E. Pearson and A. Treff. 2,390,457; Dec. 4.
Apparatus for spreading tubular fabrics. S. and J. Cohn and J. G. Walter. 2,385,402; Sept. 25.
Apparatus for starting discharge lamps. L. W. Cook. 2,379,131; June 26.
Apparatus for storage and utilization of volatile liquids. J. J. Shanley. 2,376,628; May 22.
Apparatus for stretching cordage. W. C. Goggin, L. A. Matheson, and A. W. Hanson. 2,372,627; Mar. 27.
Apparatus for stripping material. B. W. Lerch. 2,366,271; Jan. 2.
Apparatus for supplying a treating medium. G. Ornstein. 2,376,178; May 15.
Apparatus for supplying pressure air to aircraft, vehicles, and boats. M. J. O. Lobelle. 2,377,794; June 5.
Apparatus for supplying water to concrete mixers. C. F. Ball and G. K. Viall. 2,374,970; May 1.
Apparatus for supplying wire from wire supply spools to bending presses. J. S. Burge. 2,391,679; Dec. 25.
Apparatus for surfacing plastic bodies. R. E. Davis. 2,386,843; Oct. 16.
Apparatus for swaging tubular blanks. F. J. Rode and M. R. Hatch. 2,388,643; Nov. 6.
Apparatus for taking pictures of the images produced by electron optic apparatus. H. O. Muller. 2,382,739; Aug. 14.
Apparatus for tempering glass. O. H. Paddock and J. L. Drake. 2,369,368; Feb. 13.
Apparatus for testing bonds in laminated metallic articles. H. Johnson. 2,386,319; Oct. 9.
Apparatus for testing cables and the like. I. Jacoel. 2,389,912; Nov. 27.
Apparatus for testing cans for leaks. J. E. Schmidt. 2,391,351; Dec. 18.
Apparatus for testing coating materials. G. R. Simmons and H. A. Simmons. 2,372,200; Apr. 10.
Apparatus for testing condensers. O. J. Morelock. 2,373,079; Apr. 3.
Apparatus for testing enameled wire. C. B. Leape and G. R. Haywood. 2,372,093; Mar. 20.
Apparatus for testing lubricants. J. D. Morgan and T. Anderson. 2,370,606; Feb. 27.
Apparatus for testing sparking plugs. F. S. Saunders. 2,369,920; Feb. 20.
Apparatus for testing the fire-resistance of materials. E. E. Hubert. 2,391,161; Dec. 18.
Apparatus for testing the foaming characteristics of liquids. H. G. Smith. 2,380,679; July 31.
Apparatus for testing the gas permeability of molded specimens. H. W. Dietert. 2,371,508; Mar. 13.
Apparatus for testing the pitch of gears. D. Ernes. 2,381,975; Aug. 14.
Apparatus for the administration of gaseous mixtures. H. F. Brubach and L. R. Crisp. 2,385,786; Oct. 2.
Apparatus for the animating of pictures and the like. A. Morch. 2,374,371; Apr. 24.
Apparatus for the application of adhesive to webs. O. C. Roesen. 2,379,495; July 3.
Apparatus for the application of prepared adhesive to webs. O. C. Roesen. 2,369,801; Feb. 20.
Apparatus for the chlorination of bast fibers. H. Korte, W. Waibel, and J. Metzger. 2,382,726; Aug. 14.
Apparatus for the continuous production of corrugated glass sheets. L. Boudin. 2,382,379; Aug. 14.
Apparatus for the control of highway crossing gates. P. H. Crago. 2,368,745; Feb. 6.
Apparatus for the control of highway crossing signals. E. M. Allen. 2,370,704; Mar. 6.
Apparatus for the control of highway crossing signals. E. M. Allen. 2,379,209; June 26.
Apparatus for the control of internal-combustion engines. F. B. Halford and P. J. Wallace. 2,383,719; Aug. 28.
Apparatus for the detection and removal of gas or gases. O. T. Francis. 2,373,111; Apr. 10.
Apparatus for the detection or separation of a plurality of gases. O. T. Francis. 2,373,113; Apr. 10.
Apparatus for the disposition of flue dust and the like. T. Thorsten, J. E. Geue, and R. F. Kellogg, Sr. 2,370,207; Feb. 27.
Apparatus for the electrostatic separation of material particles. E. L. Wiegand. 2,382,122; Aug. 14.
Apparatus for the fractional condensation of mixed vapors. F. Todd. 2,387,479; Oct. 23.
Apparatus for the liquid treatment of fibrous material. E. Knight. 2,391,096; Dec. 18.
Apparatus for the liquid treatment of yarn and the like. E. K. Bauer. 2,369,769; Feb. 20.
Apparatus for the longitudinal creping of webs of paper or other sheet material. R. Haas. 2,376,915; May 29.
Apparatus for the manufacture of alloy bodies. R. K. Hopkins. 2,371,294; Mar. 13.
Apparatus for the manufacture of finned structures. L. U. Larkin. 2,379,973; July 10.
Apparatus for the manufacture of helical heat exchange fins. R. W. Shoemaker. 2,370,265; Feb. 27.
Apparatus for the manufacture of high molecular weight polymers. A. D. Green. 2,384,298; Sept. 4.
Apparatus for the manufacture of magnesium oxide. F. Elkington and H. H. Chesny. 2,373,749; Apr. 17.
Apparatus for the manufacture of smokeless powder. B. Troxler. 2,370,271; Feb. 27.
Apparatus for the mechanical loading of beetroots. G. Kittler. 2,378,144; June 12.
Apparatus for the multiplication of images of a body. M. C. De Fonseca. 2,389,843; Nov. 27.
Apparatus for the preparation of textile threads. L. Windschauer. 2,375,971; May 15.
Apparatus for the production of acetylene and carbon black by the pyrolysis of hydrocarbon gases and vapors. W. D. Wilcox. 2,374,252; Apr. 24.
Apparatus for the production of artificial filaments. M. P. Kulp, F. F. Morehead, W. A. Sisson, and W. L. Webb. 2,386,173; Oct. 2.
Apparatus for the production of glass fibers. E. Fletcher and N. J. Leedy. 2,377,772; June 5.
Apparatus for the production of sulphate of ammonia. F. Wethly. 2,387,818; Oct. 30.
Apparatus for the purification of liquids. S. Simkovits. 2,378,737; June 19.
Apparatus for the purification of water. H. L. Dick. 2,389,185; Nov. 20.
Apparatus for the regulation of cooling in internal-combustion engines. W. Ricart. 2,376,939; May 29.
Apparatus for the reversal of color photographic negatives. F. Biedermann. 2,374,916; May 1.
Apparatus for the separation of fluids. J. Blizard. 2,368,632; Feb. 6.
Apparatus for the supply, detection, separation, or determination of the concentration of a gas or gases. O. T. Francis. 2,373,112; Apr. 10.
Apparatus for transmitting voice frequencies over a single grounded line. E. E. York. 2,389,884; Nov. 27.
Apparatus for treating metal articles. V. G. Ullmer. 2,389,702; Nov. 27.
Apparatus for treating petroleum. D. W. Stilwell. 2,389,328; Nov. 20.
Apparatus for the treatment of fruit pomace. E. K. Metzner. 2,387,165; Oct. 16.
Apparatus for the treatment of metal and like articles with liquids or vapors for degreasing. W. F. Jesson. 2,385,860; Oct. 2.
Apparatus for the treatment of waste acid. G. W. Batchelder, R. L. Featherer, and J. E. Hughes. 2,366,309; Jan. 2.
Apparatus for tinning margins of black iron can body blanks. E. Laxo. 2,382,236–7; Aug. 14.
Apparatus for tinning the edges of can body blanks. E. Laxo. 2,384,556; Sept. 11.
Apparatus for training gunners. L. G. Johnson and A. G. Rose. 2,387,153; Oct. 16.
Apparatus for transmitting seismic signals. E. M. Shook and R. W. Olson. 2,369,081; Feb. 6.

Apparatus for treating ammonium sulphate crystals. W. Seymour. 2,391,484; Dec. 25.
Apparatus for treating and coating articles. R. A. Ekstrom, Jr. 2,378,758; June 19.
Apparatus for treating chocolate and similar materials. P. Hollstein. 2,383,387; Aug. 21.
Apparatus for treating eggs. F. B. Lomax. 2,382,492; Aug. 14.
Apparatus for treating evaporated milk. A. R. Thompson. 2,391,203; Dec. 18.
Apparatus for treating fruit. O. S. Sells and H. L. Porch. 2,384,702; Sept. 11.
Apparatus for treating glass. A. Vang. 2,382,187; Aug. 14.
Apparatus for treating impure liquids. D. C. Reybold. Re. 22,652; June 26.
Apparatus for treating liquids. C. D. Thoms. 2,383,522; Aug. 28.
Apparatus for treating pistons. H. P. Phillips. 2,368,377; Jan. 30.
Apparatus for treating thread. C. F. Dulken and H. E. Kresse. 2,368,648; Feb. 6.
Apparatus for treating wells. C. M. Bryant. 2,381,875; Aug. 14.
Apparatus for treating wood and dip treating various articles. R. M. Taber. 2,377,053; May 29.
Apparatus for treating yarn. H. E. Kresse and C. F. Dulken. 2,366,198; Jan. 2.
Apparatus for treatment of nerves and muscles by means of electric impulses. P. Morland and J. A. Smith. 2,375,575; May 8.
Apparatus for treatment of the feet. De F. B. Catlin. 2,374,730; May 1.
Apparatus for trimming hollow articles. E. I. Perry. 2,366,212; Jan. 2.
Apparatus for trimming pies and the like. F. Bryant. 2,381,644; Aug. 7.
Apparatus for tube expanding. C. A. Maxwell. 2,375,235; May 8.
Apparatus for turning out decorative material. L. J. Wisoff. 2,386,172; Oct. 2.
Apparatus for underground water storage. R. Nebolsine. 2,375,865; May 15.
Apparatus for unwinding yarn. A. J. L. Moritz, J. G. Schoonderwoerd, W. J. D. Van Dobbenburgh, and P. W. Markwood. 2,370,746; Mar. 6.
Apparatus for use in evaluating gas reservoirs. J. P. Sloan. 2,380,082; July 10.
Apparatus for use in teaching and training aviators. E. St. John. 2,369,418; Feb. 13.
Apparatus for use in the manufacture of slide clasp fasteners. B. Meitner. 2,368,316; Jan 30.
Apparatus for use in the tempering of glass. G. White and D. E. Grimes. 2,388,809; Nov. 13.
Apparatus for use in winding threads and the like. M. L. Hudson. 2,377,784; June 5.
Apparatus for utilizing liquefied gases. R. H. Hill. 2,384,677; Sept. 11.
Apparatus for utilizing waste heat. W. E. Grempler. 2,370,656; Mar. 6.
Apparatus for variable heating. F. S. Demneen and W. C. Dunn. 2,382,779; Aug. 14.
Apparatus for varying the angular relation of driven members. R. Heberlein and A. Künzle. 2,385,918; Oct. 2.
Apparatus for vulcanizing articles. H. Blount and F. A. Coldehoff. 2,389,178; Nov. 20.
Apparatus for washing stack gases. W. A. Pearl. 2,387,345; Oct. 23.
Apparatus for weaving insulating materials. W. F. Astley. 2,373,091; Apr. 10.
Apparatus for weighing a stream of varying quantity of material. O. W. Fisher, F. J. White, and H. B. Weatherstone. 2,371,040; Mar. 6.
Apparatus for welding. H. Kershaw. 2,385,710; Sept. 25.
Apparatus for welding strips or fins to metallic bodies. H. P. Guirl. 2,372,893; Apr. 3.
Apparatus for winding strands particularly for lapping or braiding machines. W. J. L. Wildbore. 2,370,899; Mar. 6.
Apparatus for working articles. C. C. McCain. 2,367,297; Jan. 16.
Apparatus for working metals. J. Kafowi. 2,369,299; Feb. 13.
Apparatus for wrapping articles with strands. S. M. Martin and O. G. Nelson. 2,375,861; May 15.
Apparatus for wrapping elongated articles. C. N. Stover. 2,388,018; Oct. 30.
Apparatus for X-ray analysis. W. L. Bond. 2,383,764; Aug. 28.
Apparatus rendered safe for handling, High potential. E. G. Gage. 2,375,097; May 1.
Apparatus to change the length of corrugated wires. S. G. Blumensaadt. 2,378,058; June 12.
Apparel and fabric therefor, Knitted article of. N. Levin. 2,384,934; Sept. 18.
Apparel, Buoyant. A. Schorovsky. 2,374,506; Apr. 24.
Apparel closure. R. Ellis. 2,389,299; Nov. 20.
Apparel fastener. R. Ellis. 2,389,298; Nov. 20.
Appliance, Domestic. D. K. Ferris. 2,390,577; Dec. 11.
Appliance for aircraft, Demolition. J. K. Wedgworth. 2,386,373; Oct. 9.
Appliance for bending tubing. F. C. Draper. 2,372,063; Mar. 20.
Applicator for facial creams. J. W. Clark. 2,390,921; Dec. 11.
Appliance for machine tapping or screwing operations. H. J. Andrew. 2,374,718; May 1.
Appliance for machine tapping or screwing operations. H. J. Andrew. 2,378,967; June 26.
Appliance, Smoker's. G. D. Pinkett. 2,375,243; May 8.
Appliance, Smoker's. A. Robb. 2,374,307; Apr. 24.
Application of prepared adhesive to webs. O. C. Roesen. 2,369,800; Feb. 20.
Applicator. A. Habostad. 2,381,048; Aug. 7.
Applicator. E. W. Worthington. 2,374,065; Apr. 17.
Applicator, Brush. W. F. Zimmerman. 2,377,837; June 5.
Applicator, Electrically heated. A. Fevas. 2,385,501; Sept. 25.
Applicator, Pressure. J. Marziani. 2,369,362; Feb. 13.
Applicator, Putty. R. Martines. 2,385,149; Sept. 18.
Applicator, Thermal. A. Hague. 2,387,258; Oct. 23.
Apportioning apparatus. K. E. Bemis. 2,366,379; Jan. 2.
Approach light. J. M. Roper. 2,386,268; Oct. 9.
Apron. B. Berkowitz. 2,377,747; June 5.
Apron. A. S. Geisinger. 2,366,393; Jan. 2.
Apron and runway, Portable landing gear. E. S. Guignon, Jr. 2,382,789; Aug. 14.
Apron, Long draft. B. R. Billmeyer. 2,377,316; June 5.
Aqueous dispersion. A. Szegvari and A. H. Feikert. 2,373,614–15; Apr. 10.
Aqueous dispersions of reclaimed rubber, Preparing. A. M. Stover. 2,377,052; May 29.
Aqueous emulsion, Polymerization in. F. K. Schoenfeld. 2,380,554; July 31.
Aqueous emulsion, Polymerization in. W. L. Semon. 2,380,551; July 31.
Aqueous emulsion, Polymerization in. W. L. Semon and W. D. Stewart. 2,380,552; July 31.
Aqueous solution of alkali metal hydroxides, Decolorizing. W. T. Nichols. 2,366,546; Jan. 2.
Aqueous solution of vitamin-K-active compounds and manufacturing same, Colorless. K. Warnat. 2,380,621; July 31.
Aqueous soybean protein compositions. H. O. Ware. 2,385,240; Sept. 18.
Arbor chuck. H. R. Feichter. 2,366,778; Jan. 9.
Arbor, Expanding. M. L. and S. S. Benjamin. 2,383,036; Aug. 21.
Arbor, Spline. J. D. Bregin. 2,372,931; Apr. 3.
Arc decreasing circuit. S. B. Williams. 2,386,377; Oct. 9.
Arc device, High pressure enclosed. G. S. Sperti. 2,369,987; Feb. 20.
Arc spot, Extinguishing an. C. G. Smith. 2,373,147; Apr. 10.
Arc time recorder. S. Oestreicher and E. C. Beekelbaum. 2,366,548; Jan. 2.
Arc welding apparatus. E. S. Hebeler. 2,384,618; Sept. 11.
Arc welding apparatus. A. Reeb. 2,373,598; Apr. 10.
Arc welding electrode. A. B. White. 2,370,100; Feb. 20.
Arc welding, Metallic. A. P. Drda. 2,372,261; Mar. 27.
Arc welding system. A. B. White. 2,372,146; Mar. 20.
Arch bar clip. J. E. Laskin. 2,386,124; Oct. 2.
Arch construction. L. Davidson. 2,376,906; May 29.
Arch support. Z. Fried. 2,366,323; Jan. 2.
Archery target butts and machinery therefor, Making. C. A. Saunders. 2,372,856; Apr. 3.
Arm control. Pickup. A. L. Knox and F. Kahl. 2,387,916; Oct. 30.
Arm control, Pickup. J. D. Weaver. 2,376,741; May 22.
Arm for oxy-acetylene cutting machines, Torch supporting. J. Bucko. 2,391,008; Dec. 18.
Arm shield for garments, Detachable. J. Hamlin. 2,369,229; Feb. 13.
Armament, Aircraft. C. H. Miller and C. H. A. Hartley. 2,373,904; Apr. 17.
Armature coils, Taping. R. L. Barry. 2,367,086; Jan. 9.
Armature construction for dynamo-electric machines. F. R. J. Davis. 2,387,885; Oct. 30.
Armature, Motor. F. P. Forss. 2,381,533; Aug. 7.
Armor. H. W. Sheridan. 2,391,353; Dec. 18.
Armor device, Portable protective. E. J. Wallace. 2,370,596; Feb. 27.
Armor plate, Carburizing thin gauge. A. L. Abbott, L. F. Spencer, and A. Lichtenstein. 2,373,369; Apr. 10.
Armor plate quenching. C. E. Sorensen, R. H. McCarroll and N. E. Rothenthaler. 2,378,044; June 12.
Armor, Protective. H. C. Bierman. 2,384,594; Sept. 11.
Armored car. A. Davis, Jr. 2,382,862; Aug. 14.
Armored conductor structure. O. E. Rasmussen. 2,391,036; Dec. 18.
Armored conductor structure. I. C. Shafer, Jr. 2,391,037; Dec. 18.
Armored loom shuttle. H. A. Davis. 2,371,032; Mar. 6.
Armors, Making layered. P. Schwarzkopf. 2,372,607; Mar. 27.
Aromatic amine-n-pentapyranosides and the manufacture of the same. J. Lee, U. V. Solmssen, and L. Berger. 2,384,102; Sept. 4.
Aromatic amines, Preparation of new derivatives of. G. Etzel. 2,377,682; June 5.
Aromatic compounds, Alkylation. F. H. Bruner, L. A. Clarke, and R. L. Sawyer. 2,376,119; May 15.

Aromatic compounds, Alkylation of. R. E. Schaad. 2,386,982; Oct. 16.
Aromatic compounds, Alkylation of. L. Schmerling. 2,385,303; Sept. 18.
Aromatic compounds, Manufacture of. A. W. Francis and C. H. Schlesman. 2,371,163; Mar. 13.
Aromatic compounds, Oxidation of. R. A. Harman. 2,382,148; Aug. 14.
Aromatic compounds, Stabilized. D. Curtis. 2,391,552; Dec. 25.
Aromatic compounds, Treatment of. R. E. Schaad. 2,382,260; Aug. 14.
Aromatic constituents, Alkylating. C. N. Kimberlin, Jr. 2,373,031; Apr. 3.
Aromatic diazo compounds and derivatives thereof, Therapeutically active. E. A. H. Friedheim. 2,388,260; Nov. 6.
Aromatic distillates, Refining. F. T. Wadsworth. 2,380,561; July 31.
Aromatic hydrocarbons, Producing. N. F. Linn and C. O. Tongberg. 2,380,853; July 31.
Aromatic hydrocarbons, Production of. K. C. Edson and F. E. Fisher. 2,380,035; July 10.
Aromatic hydrocarbons, Production of alkyl. W. J. Mattox. 2,381,175; Aug. 7.
Aromatic ketones, Production of. L. Schmerling and V. N. Ipatieff. 2,386,007; Oct. 2.
Aromatics, Production of. A. B. Welty, Jr. 2,380,279; July 10.
Aroylaminonitrodiphenylamine. C. S. Argyle. 2,388,663; Nov. 13.
Arrangement for avoiding errors in measurement due to one-sided heating of the cases of optical instruments. M. Maurer. 2,376,710; May 22.
Arrangement for protecting circuit breakers. M. Zühlke 2,375,609; May 8.
Arrangement, Web-feeding. C. E. Wyrick. 2,389,834; Nov. 27.
Arrestor, Lightning. B. Schlesinger. 2,386,720; Oct. 9.
Arrestor, Spark and flame. E. L. Moran. 2,376,933; May 29.
Arrowhead. J. C. Trittin and J. Orlando. 2,370,270; Feb. 27.
Arrowhead. C. J. Zwickey. 2,373,216; Apr. 10.
Arsenates by anodic oxidation of salts of arsenious acid, Preparing. L. Löwenstein. 2,375,933; May 15.
Arsenic chloride, Making. C. F. Booth. 2,383,105; Aug. 21.
Arterial embalming method and arterial emblaming fluid. D. H. Williams. 2,380,351; July 10.
Article aligning device. K. J. Yost. 2,373,623; Apr. 10.
Article and making same, Composite. T. R. Griffith. 2,366,895; Jan. 9.
Article and production thereof, Coated. W. S. Taylor. 2,373,278; Apr. 10.
Article assembling apparatus. E. E. Meilstrup. 2,384,560; Sept. 11.
Article attaching machine. F. A. Reece. 2,377,293; May 29.
Article, Buoyant. J. B. Newhardt. 2,391,475; Dec. 25.
Article coating apparatus. E. J. Shaw. 2,387,094; Oct. 16.
Article conveying and uprighting apparatus. L. Hermani. 2,371,888; Mar. 20.
Article conveying apparatus. J. Hohl. 2,379,713; July 3.
Article conveying mechanism. J. P. Benoit. 2,381,798; Aug. 7.
Article dispensing device. L. Steiner and P. Settecasi. 2,379,501; July 3.
Article feeding apparatus. B. Edelman and A. L. Pizzi. 2,377,409; June 5.
Article for cleaning. R. K. and H. L. Stults. 2,370,088; Feb. 20.
Article for neckwear. W. H. Logan. 2,377,019; May 29.
Article formed of impact resistant rubber. E. R. Laning. 2,367,786; Jan. 23.
Article forming apparatus. A. J. Smith. 2,388,876; Nov. 13.
Article forming machine. N. M. Olney. 2,389,738; Nov. 27.
Article forming method. M. Carter. 2,367,819; Jan. 23.
Article handling and leakage testing apparatus. R. E. Costa. 2,371,128; Mar. 13.
Article handling apparatus. J. A. Decker and D. P. Wilkes. 2,382,863; Aug. 14.
Article handling apparatus. W. J. Fedorchak. 2,371,748; Mar. 20.
Article handling apparatus. J. T. Kane. 2,367,505; Jan. 16.
Article handling apparatus. W. W. Loney. 2,387,160; Oct. 16.
Article handling apparatus. H. H. Merwin. 2,388,005; Oct. 30.
Article handling apparatus. J. C. Morison. 2,371,063; Mar. 6.
Article handling apparatus. R. P. Wood. 2,375,720; May 8.
Article handling device. E. H. Butler. 2,379,622; July 3.
Article handling machine. E. E. Lakso. 2,377,431; June 5.
Article holder. N. G. Bacheldor. 2,379,060; June 26.
Article inspection method and machine. J. B. Whitmore, W. Makenny, and F. A. Newcombe. 2,389,287; Nov. 20.
Article of footwear, Sacculated. E. F. Allen. 2,390,287; Dec. 4.
Article of headdress. M. G. Rosenthal. 2,372,911; Apr. 3.
Article of manufacture. E. A. Westerberg. 2,390,906; Dec. 11.
Article of manufacture and making the same. B. F. Conner. 2,372,177; Mar. 27.
Article of wearing apparel, Depilatory. J. P. Duane. 2,372,664; Apr. 3.
Article removing apparatus, Thin. J. R. Gammeter. 2,371,818; Mar. 20.
Article supporting device. R. C. Kivley and A. Pearson. 2,382,233; Aug. 14.
Article transferring apparatus. R. J. Engler. 2,390,242; Dec. 4.
Article treating machine. E. R. Zademach. 2,389,337; Nov. 20.
Article treating means. E. Roy Alling and C. F. Ulrich. 2,374,260; Apr. 24.
Article working apparatus. E. Sirp and J. S. Stull. 2,388,621; Nov. 6.
Articles, Annealing. C. O. Haase. 2,369,565; Feb. 13.
Articles, Coating. R. A. Hinkley and J. L. Miller. 2,374,288; Apr. 24.
Articles for use at low temperatures. R. Franks. 2,378,992; June 26.
Articles formed from paper impregnated with polymerised material. E. C. Lee. 2,389,733; Nov. 27.
Articles from liquid dispersions, Manufacture of. E. E. Habib and G. E. Gott. 2,378,700–2; June 19.
Articles from preformed parts, Method and apparatus for manufacturing. W. H. Joyce, Jr. 2,377,631; June 5.
Articles, Making composite. T. R. Griffith. 2,366,896; Jan. 9.
Articles, Making flame-coloring. H. P. Starner. 2,373,512; Apr. 10.
Articles, Making metallic. J. A. Merryman and E. M. Wharff, Jr. 2,390,805; Dec. 11.
Articles, Method of and apparatus for making. G. R. Brown. 2,380,722; July 31.
Articles, Treating. W. H. Wilcox. 2,386,828; Oct. 16.
Articulated car. E. R. Schroeder and V. Willoughby. 2,373,348; Apr. 10.
Articulated frame. L. Tarlitz. 2,367,071; Jan. 9.
Articulator, Denture. W. C. Whittemore. 2,389,101; Nov. 13.
Articulator, Hinge-axis. T. A. Bodine. 2,371,795; Mar. 20.
Artificial bait. A. W. Goddard and A. A. Hallett. 2,384,993; Sept. 18.
Artificial materials, Treatment of. R. W. Moncrieff and H. Bates. 2,368,154; Jan. 30.
Artificial threads, filaments, and the like, Manufacture and production of. R. L. Wormell and C. L. Knight. 2,385,674; Sept. 25.
Artificial tooth. L. L. Poston. 2,373,337; Apr. 10.
Artificial tooth. J. A. Saffir. 2,380,468; July 31.
Arylacetonitrile derivatives, Manufacture of. F. Bergel, N. C. Hindley, A. L. Morrison, and H. Rinderknecht. 2,382,285; Aug. 14.
Aryl alkenes, Manufacture of. G. Egloff. 2,377,074; May 29.
Arylamides, Alkylating. J. B. Dickey and J. G. McNally. 2,391,139; Dec. 18.
Arylamino compounds. J B. Dickey and J. G. McNally. 2,374,807; May 1.
Arylazoaroylguanylureas and their salts. J. T. Thurston. 2,367,073; Jan. 9.
Arylene diamine compounds. J. B. Dickey and J. G. McNally. 2,374,337; Apr. 24.
Aryloxydihydronorpolycyclopentadienes. H. A. Bruson. 2,385,787; Oct. 2.
Asbestos board. C. R. Hutchcroft. 2,376,919; May 29.
Asbestos-cement, Continuous method of manufacturing. C. W. Cuno. 2,367,844; Jan. 23.
Asbestos fiber from associated solids, Separation of. J. S. Sconce. 2,381,369; Aug. 7.
Asbestos, Fiberizing. W. J. Joyce, Jr. 2,386,401; Oct. 9.
Asbestos papers with gel binders, Forming. R. G. Quinn. 2,373,914; Apr. 17.
Asbestos processing. L. C. Pharo. 2,386,715; Oct. 9.
Asbestos separating. L. C. Pharo. 2,386,714; Oct. 9.
Asbestos treatment. L. C. Pharo. 2,386,713; Oct. 9.
Ashpan, Fireplace. M. J. Best. 2,377,665; June 5.
Ash tray holder. R. C. Kulling. 2,377,560; June 5.
Asparagus or the like, Method and apparatus for preparing. A. R. Thompson and R. D. Fox. 2,383,228; Aug. 21.
Asphalt composition. A. P. Anderson and F. H. Stross. 2,370,386; Feb. 27.
Asphalt composition. J. S. Miller and J. L. Present. 2,376,797; May 22.
Asphalt compositions, Stabilizing. T. E. Reamer. 2,370,994; Mar. 6.
Asphalt, Oxidizing. D. E. Carr. 2,370,007; Feb. 20.
Asphalt, Treating. S. Caplan. 2,383,769; Aug. 28.
Asphaltic composition and making the same. S. S. Sorem. 2,366,657; Jan. 2.
Asphaltic compound. A. P. Lentz. 2,375,117; May 1.

Asphaltic material, Reclaiming waste. K. G. and C. E. Minge. 2,368,371; Jan. 30.
Asphalts, Adhesivity of. A. Holmes. 2,375,653; May 8.
Aspirator pump. J. J. Madine, Sr. 2,366,277; Jan. 2.
Assemblage and package, String binder. H. W. Gordon. 2,382,143; Aug. 14.
Assembled screw and lock washer. C. G. Olson. 2,366,869; Jan. 9.
Assembling apparatus. R. B. Kling and G. A. Seeley. 2,374,358; Apr. 24.
Assembly of beams and a construction for the connection thereof with parts of a warp knitting machine. F. Lambach. 2,376,364; May 22.
Astringent preparations. H. L. Wampner. 2,368,075; Jan. 23.
Astronomical device. J. C. Lafferty. 2,382,643; Aug. 14.
Astronomical instrument. R. K. Annis. 2,366,470; Jan. 2.
Asymmetric quartenary ester-salts of morpholine. J. B. and V. Niederl, and M. McGreal. 2,380,325; July 10.
Athlete training apparatus. L. A. Spearman. 2,390,336; Dec. 4.
Atomization process. R. Lepsoe. 2,371,105; Mar. 6.
Atomizer. A. H. Bahnson, Jr. 2,382,124; Aug. 14.
Atomizer. H. G. Davis. 2,375,215; May 8.
Atomizer. M. L. Goldbert. 2,385,807–8; Oct. 2.
Atomizer. E. H. Peabody. 2,373,707; Apr. 17.
Atomizer and diffuser, Liquid. V. A. Trier. 2,382,681; Aug. 14.
Atomizer, Fluid. L. Kooistra. 2,372,283; Mar. 27.
Atomizer for liquid under pressure. G. B. Holtzclaw. 2,384,679; Sept. 11.
Atomizer, Fuel. H. S. Jackson. 2,391,422; Dec. 25.
Atomizer, Fuel. G. K. Wilson. 2,374,517; Apr. 24.
Atomizer, Plastic. G. B. Robinson. 2,381,558; Aug. 7.
Atomizing apparatus. M. E. Callander. 2,387,118; Oct. 16.
Atomizing device, Variable capacity. A. P. Saha. 2,374,041; Apr. 17.
Attached filler cap. R. E. Larson. 2,385,364; Sept. 25.
Attaching a threaded member to a body. R. D. Zimmerman. 2,370,603; Feb. 27.
Attaching device. R. A. Boersma. 2,367,657; Jan. 23.
Attaching device, Branch pipe. J. Mercier. 2,385,017; Sept. 18.
Attaching device, Propeller spinner. A. C. Chester and A. P. Clausen. 2,371,801; Mar. 20.
Attaching means for ear and like ornaments, Safety. E. Bazner. 2,389,481; Nov. 20.
Attaching means for sheaves, etc. D. Firth. 2,390,875; Dec. 11.
Attaching trapeze horizontal bars and exercising rings. J. L. Ensor. 2,368,459; Jan. 30.
Attachment for crutches or canes, Nonskid. F. J. Schroeder. 2,376,282; May 15.
Attachment for curtain rods. R. Baumann. 2,378,970; June 26.
Attachment for domestic cooking ranges, Barbecuing. J. F. Hennessy. 2,391,571; Dec. 25.
Attachment for exhaust pipes. R. D. May. 2,376,550; May 22.
Attachment for flush tanks. E. B. Green. 2,388,480; Nov. 6.
Attachment for hand trucks. P. G. Gilbert. 2,382,989; Aug. 21.
Attachment for holding articles. J. Rapalexis and O. W. Johnson. 2,369,978; Feb. 20.
Attachment for internal-combustion engines. W. J. Blifert. 2,377,852; June 12.
Attachment for ironing boards. A. Montalbano. 2,388,492; Nov. 6.
Attachment for lathes, Milling. P. Hellman. 2,386,461; Oct. 9.
Attachment for lathes, Taper cutting. D. O. Truba and E. T. Liller. 2,390,627; Dec. 11.
Attachment for looms. E. Forgea. 2,368,820; Feb. 6.
Attachment for making plug bricks. J. B. Blewett. 2,369,101; Feb. 6.
Attachment for milling machines and the like. N. A. Johanson. 2,372,000; Mar. 20.
Attachment for mimeograph machines. J. A. Elliott, Jr. 2,368,124; Jan. 30.
Attachment for musical string instruments. T. F. Goodwin. 2,380,689; July 31.
Attachment for nail files, Nail cleaning. R. C. McRoberts. 2,390,381; Dec. 4.
Attachment for paper-cutting machines. J. R. Brougher. 2,382,129; Aug. 14.
Attachment for parachute harness, Quick release. C. E. Ashton. 2,369,203; Feb. 13.
Attachment for picture projecting apparatus. G. E. Hamilton. 2,387,441; Oct. 23.
Attachment for presses, Safety. J. E. Skoog. 2,383,221; Aug. 21.
Attachment for safety razors. W. E. Curry. 2,366,599; Jan. 2.
Attachment for scissors or shears. E. Rose. 2,380,075; July 10.
Attachment for screen leaf springs. J. L. Rapp. 2,378,499; June 19.
Attachment for screw machines. S. P. De Mato. 2,384,895; Sept. 18.
Attachment for sewing machines. C. J. Davies. 2,387,649; Oct. 23.
Attachment for sewing machines. C. Seaman. 2,378,731; June 19.
Attachment for sheet metal forming and working machines. F. Czapiewski. 2,374,852; May 1.
Attachment for sport or similar shoes. R. H. Lawrence. 2,372,501; Mar. 27.
Attachment for test indicators. H. G. Whitmore. 2,384,058; Sept. 4.
Attachment for the steam heat conduit connections of railroad cars. W. E. Fronk. 2,369,888; Feb. 20.
Attachment for tobacco transplanters and the like. F. L. Cox. 2,372,474; Mar. 27.
Attachment for torch burning machines. C. R. Burton. 2,368,967; Feb. 6.
Attachment for tractors, Cultivator. A. Alderman. 2,390,767; Dec. 11.
Attachment for tractors, Dump scoop. F. B. Arps. 2,390,040; Dec. 4.
Attachment for typewriting machines. A. W. Boyd. 2,389,408; Nov. 20.
Attachment for typewriting machines. P. Hegnauer. 2,387,068; Oct. 16.
Attachment joint. G. N. Cole. 2,380,684; July 31.
Attenuation equalizer. W. R. Lundry. 2,374,872; May 1.
Attenuator. J. T. Goode. 2,388,049; Oct. 30.
Attenuator. H. W. Koren. 2,390,840; Dec. 11.
Attenuator, Adjustable. S. Krasik. 2,376,785; May 22.
Attractor and destroyer, Insect. M. F. Miller. 2,384,190; Sept. 4.
Audible signal. H. M. Cameron. 2,375,281; May 8.
Audible stall indicator. W. J. Trott. 2,386,992; Oct. 16.
Audio amplifier system and method, Variable gain. R. L. Haynes. 2,379,484; July 3.
Audio-frequency amplifier. R. F. Shea and C. R. Miner. 2,366,565; Jan. 2.
Audio frequency compensator circuit. J. L. Hathaway. 2,379,707; July 3.
Audiphone, Bone conduction. H. Koch. Re. 22,658; Aug. 7.
Audiphone receiver. S. F. Lybarger. 2,375,010; May 1.
Autocollimating device. W. S. Brian. 2,385,495; Sept. 25.
Automatic adjusting arrangement for electrical networks. A. C. Corner. 2,384,727; Sept. 11.
Automatic antislam check valve. N. J. Ulfsby and A. C. Jensen. 2,390,015; Nov. 27.
Automatic apron fed hopper scale for bulk materials. A. J. Stock. 2,372,746; Apr. 3.
Automatic article selecting system and apparatus. B. J. Goldsmith. 2,374,537; Apr. 24.
Automatic battery charging system. S. A. Johnston. 2,390,151; Dec. 4.
Automatic blanking press device. R. O'Leary. 2,377,262; May 29.
Automatic change speed drive for pottery ware jigging apparatus. W. J. Miller. 2,389,629; Nov. 27.
Automatic circuit breaker. F. G. Von Hoorn. 2,367,631; Jan. 16.
Automatic compressor regulator. J. R. Frantz. 2,380,226; July 10.
Automatic control. C. F. Kettering and A. W. Fischer. 2,377,698; June 5.
Automatic control device for electric contacts. W. L. Stubbins. 2,379,197; June 26.
Automatic control equipment. H. Bany. 2,390,345; Dec. 4.
Automatic control for electroplating service. T. R. and E. F. Freitag. 2,370,621; Mar. 6.
Automatic control for firearms. C. F. Mullen. 2,391,473; Dec. 25.
Automatic control for internal-combustion engines. D. P. Kearney. 2,387,911; Oct. 30.
Automatic control for punch presses. M. Sekella. 2,371,358; Mar. 13.
Automatic control means. L. A. Maxson. 2,380,457; July 31.
Automatic control system. A. B. Newton. 2,387,604; Oct. 23.
Automatic control system for aircraft. A. P. Glenny. 2,371,388; Mar. 13.
Automatic crank shaft grinding and polishing machine. E. A. Fuglie and H. J. Anderson. 2,391,406; Dec. 25.
Automatic device for stitching hat brims. M. Schloss. 2,389,388; Nov. 20.
Automatic dishwashers, Rinsing head for. G. J. Federighi. 2,388,258; Nov. 6.
Automatic display apparatus. O. R. Cornutt. 2,387,121; Oct. 16.
Automatic door lock. J. A. Burgard. 2,369,713; Feb. 20.
Automatic drain valve. C. C. Farmer. 2,383,244; Aug. 21.
Automatic drilling machine. L. Robbins. 2,389,743; Nov. 27.
Automatic electrical air cleaner. V. Dahlman. 2,383,112; Aug. 21.
Automatic electrical water heater. F. L. White. 2,371,723; Mar. 20.
Automatic electronic load holder. J. Sivertsen. 2,373,788; Apr. 17.
Automatic filling device for batteries. H. C. Shotwell and R. F. Goff. 2,384,970; Sept. 18.
Automatic firearm. H. J. Lippert. 2,370,363; Feb. 27.
Automatic fish lock. H. Barr. 2,381,100; Aug. 7.
Automatic flap control. M. Watter. 2,386,521; Oct. 9.

Automatic frequency control apparatus. L. F. Mayle. 2,389,992; Nov. 27.
Automatic gain control. Augmented. W. I. Matthews. 2,389,919; Nov. 27.
Automatic golf ball teeing device. L. Gale. 2,390,998; Dec. 18.
Automatic grip for lifesaving devices. J. Frankel. 2,386,849; Oct. 16.
Automatic gun. J. Dobřemysl. 2,389,960; Nov. 27.
Automatic guns, Speed regulator for. S. G. Green. 2,382,411; Aug. 14.
Automatic ice freezing unit and method. G. L. Pownall. 2,385,539; Sept. 25.
Automatic infeed and ejecting attachment for grinding machines. J. E. Heckethorn, A. B. Bourg, and E. J. Leonard. 2,379,961; July 10.
Automatic inflation equipment. H. E. Heigis. 2,374,200; Apr. 24.
Automatic ironing machine. A. H. Gerhardt and T. C. Maher. 2,372,775; Apr. 3.
Automatic lathe. W. F. Groene and A. W. Aufderhar. 2,379,147; June 26.
Automatic length adjuster. F. D. Peters. 2,390,324; Dec. 4.
Automatic loading machine. A. A. Campbell. 2,388,250; Nov. 6.
Automatic lock gate. C. Arne. 2,375,739; May 8.
Automatic locking jack. J. Mercier. 2,373,773; Apr. 17.
Automatic magazine feed solid fuel heater. W. T. Bradbury, C. E. Chesser, and H. F. Lieber. 2,382,287; Aug. 14.
Automatic molding press. W. Strauss. 2,371,195; Mar. 13.
Automatic nozzle. R. T. Killman. 2,388,852; Nov. 13.
Automatic parachute delivery mechanism for aircraft. H. P. Trusty. 2,390,230; Dec. 4.
Automatic pattern controlled machine tool. H. P. Kuehni and N. G. Branson. 2,388,555; Nov. 6.
Automatic phonograph control mechanism. J. H. Pressley. 2,370,875; Mar. 6.
Automatic photoprinting device. A. Schade and J. Horn. 2,371,925; Mar. 20.
Automatic position locator. J. A. Ebeling. 2,366,772; Jan. 9.
Automatic press system for forming resinous disks. C. V. Smith. 2,373,201; Apr. 10.
Automatic pressure controls for low temperature, low-pressure, fractionating columns. D. R. Douslin. 2,388,312; Nov. 6.
Automatic pump selector valve. H. E. Rose. 2,387,531; Oct. 23.
Automatic reclosing circuit breaker. J. B. MacNeill, A. J. A. Peterson, and W. T. Parker. 2,385,013; Sept. 18.
Automatic reclosing circuit breaker system. W. A. Derr. 2,374,001; Apr. 17.
Automatic record changing apparatus. F. Kahl and O. C. Booher. 2,384,682; Sept. 11.
Automatic recording system. H. O. Peterson. 2,385,641; Sept. 25.
Automatic rectifying device. E. H. Haug. 2,383,722; Aug. 28.
Automatic regulator. C. S. J. MacNeil, J. F. Haines, T. B. Martin, and K. L. Berninger. 2,379,537; July 3.
Automatic release aerial delivery container. F. G. Manson and J. J Maskey. 2,371,640; Mar. 20.
Automatic screw machine. P. E. Chatelain. 2,376,476; May 22.
Automatic sculling oar lock. G. C. Hosack. 2,382,721; Aug. 14.
Automatic silk-titre regulating device. A. Tasso. 2,378,595; June 19.
Automatic speed limiting device for hydraulic turbine rotors. P. W. Seewer. 2,382,108; Aug. 14.
Automatic stabilizing system for vehicles. G. D. Eddington. 2,387,249; Oct. 23.
Automatic steering device. G. C. Saul, W. G. Harding, and R. H. Nisbet. 2,373,144; Apr. 10.
Automatic stitching device. M. Schloss. 2,373,784; Apr. 17.
Automatic suction relief valve and audible signal for tank car segregators. D. Samiran. 2,385,844; Oct. 2.
Automatic switching system. B. D. Willis. 2,388,810; Nov. 13.
Automatic tapping and threading machine. J. Rosenthal. 2,389,998; Nov. 27.
Automatic toll ticketing system. M. B. McDavitt. 2,369,062; Feb. 6.
Automatic tool block. S. L. Casella. 2,390,989; Dec. 18.
Automatic transmission. H. Gruenhagen. 2,378,549; June 19
Automatic transmission. C. W. Lanphere. 2,389,808; July 3.
Automatic transmission. F. W. Seybold. 2,391,648; Dec. 25.
Automatic transmission. B. A. Swennes. 2,371,574; Mar. 13.
Automatic tuning. F. A. Polkinghorn. 2,375,133; May 1.
Automatic tuning apparatus. R. W. May. 2,391,470; Dec. 25.
Automatic tuning control circuit. J. F. Chandler. 2,382,203; Aug. 14.
Automatic tuning-in of wireless receiving sets to desired broadcasting stations. G. Soffietti. 2,388,581; Nov. 6.
Automatic valve. F. Hauser. 2,368,832; Feb. 6.
Automatic valve. R. H. Lacart, R. H. Gilbert, and H. L. Beekley. 2,388,696; Nov. 13.
Automatic valve. J. F. Molloy. 2,372,729; Apr. 3.
Automatic voltage regulator. J. L. Hathaway. 2,383,309; Aug. 21.
Automatic volume control circuit. F. J. Faltico. 2,373,180; Apr. 10.
Automatic washers, Floating supporting structures for. P. E. Geldhof and L. Ringer. 2,390,213; Dec. 4.
Automatic water-flow control for air compressors. R. O. Monroe and W. F. Clayton. 2,371,345; Mar. 13.
Automatic welt turning mechanism of straight-bar knitting machines. H. W. Start and E. Start. 2,371,932; Mar. 20.
Automatic work feeding attachment for drill presses. O. C. Kavle. 2,380,314; July 10.
Automobile alarm. F. D. O'Toole. 2,369,977; Feb. 20.
Automobile control. G. M. Gary. 2,385,982; Oct. 2.
Automobile cover. T. Daniel. 2,366,600; Jan. 2.
Automobile door window mechanism. D. L. Chandler. 2,390,690; Dec. 11.
Automobile exhaust extension, Manufacturing. L. A. Koch. 2,370,737; Mar. 6.
Automobile heater. H. J. D. McCollum. 2,373,766; Apr. 17.
Automobile jack. E. López. 2,383,661; Aug. 28.
Automobile jack. C. G. MaKrenos. 2,366,418; Jan. 2.
Automobile jack. J. J. Mueller. 2,370,681; Mar. 6.
Automobile license stamp holder. R. J. Kopp. 2,368,991; Feb. 6.
Automobile trunk loading device. L. B. Heller. 2,391,310; Dec. 18.
Automobile wheel lock. F. W. Crew. 2,377,542; June 5.
Automobile window screen. F. Kolarik. 2,388,747; Nov. 13.
Automotive driving axle construction. E. G. Boden. 2,389,484; Nov. 20.
Automotive gearshift indicator. F. B. Howell. 2,375,654; May 8.
Automotive suspension. R. H. Phelps. 2,372,849; Apr. 3.
Automotive trim. J. R. Millar. 2,384,951; Sept. 18.
Automotive vehicle. H. A. King. 2,390,260; Dec. 4.
Automotive vehicle. W. F. Rockwell and B. W. Keese. 2,384,781–2; Sept. 11.
Automotive vehicle wheel. C. S. Ash. 2,369,202; Feb. 13.
Auto radiators, Method of and device for cleaning. L. Glickman. 2,387,324; Oct. 23.
Auto trailer brake. L. G. Miller. 2,388,336; Nov. 6.
Auxiliary armor mounting. Q. Berg. 2,380,393; July 31.
Auxiliary autogyro means. A. C. Peterson. 2,385,464; Sept. 25.
Auxiliary electrode support. I. Hakki. 2,385,440; Sept. 25.
Auxiliary hot air heater. J. Buckley. 2,378,181; June 12.
Auxiliary mechanism for air-brake systems, Manually-operable. J. W. White. 2,391,664; Dec. 25.
Auxiliary spring mounting. B. H. Canady. 2,384,795; Sept. 18.
Auxiliary unit for beverage brewers. H. B. Wolper. 2,372,872; Apr. 3.
Aviation oil cooler. F. M. Young. 2,378,352; June 12.
Aviator's suit and helmet and means for controlling gas pressure and oxygen delivery therein, Sealed. J. D. Akerman, W. M. Boothby, A. H. Bulbulian, and W. R. Lovelace, II. 2,390,233; Dec. 4.
Awning. F. G. Dueweke. 2,380,928; Aug. 7.
Awning and operating means therefor. W. F. Graham. 2,378,139; June 12.
Awning, Cool shade. A. C. Ferguson. 2,389,970; Nov. 27.
Awning, Metallic. A. C. Ferguson. 2,383,639; Aug. 28.
Awning or shade, Pivotal. C. O. Larson. 2,373,574; Apr. 10.
Axial flow compressor. A. P. E. Planiol. 2,371,706; Mar. 20.
Axle assembly, Extensible. R. G. Le Tourneau. 2,385,416; Sept. 25.
Axle construction, Driving. R. F. Thornton. 2,386,917; Oct. 16.
Axle, Drive. L. R. Buckendale. 2,389,137; Nov. 20.
Axle, Drive. L. R. Buckendale, N. R. Brownyer, and B. W. Keese. 2,383,954; Sept. 4.
Axle guiding arrangement. M. Wagner and W. Laukhuff. 2,369,501; Feb. 13.
Axle housings, Forming rear. C. L. Dewey. 2,370,641; Mar. 6.
Axle spindles, Making. C. L. Wilber. 2,368,695; Feb. 6.
Axle, Tandem drive. G. D. Simonds. 2,381,624; Aug. 7.
Axle unit, Driving. J. D. Rauch 2,377,574; June 5.
Axle, Vehicle. C. S. Ash. 2,389,712; Nov. 27.
Axle, Vehicle. R. A. Bradley. 2,370,773; Mar. 6.
Azeotropic distillation. W. J. Bloomer. 2,380,019; July 10.
Azeotropic distillation. W. J. Bloomer. 2,381,996; Aug. 14.
Azeotropic distillation of hydrocarbon oils. K. H. Engel. 2,376,870; May 29.
Azeotropic distillation, Purification of hydrocarbons by. H. M. Spiers. 2,386,755; Oct. 16.
Azeotropic mixtures of chlorosilanes, Resolution of. R. O. Sauer. 2,381,139; Aug. 7.

Azo compounds. J. G. McNally and J. B. Dickey. 2,373,407; Apr. 10.
Azo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,386,599; Oct. 9.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,373,700; Apr. 17.
Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,375,804; May 15.
Azo dyes, Nitro sulphate. F. Felix and W. Zurcher. 2,387,987; Oct. 30.
Azo dyestuff derivatives of amino-benzo-p-dioxans. R. C. Conn. 2,379,684; July 3.
Azo dyestuff derivatives of 6-amino 1,3 benzodioxan. H. Z. Lecher, J. P. Goulding, and R. P. Parker. 2,379,725; July 3.
Azo-dyestuffs from 5-amino coumaran. H. Z. Lecher, R. P. Parker, and R. S. Long. 2,383,264; Aug. 21.
Azo dyestuffs, Metallized. R. S. Long. 2,366,633; Jan. 2.
Azo dyestuffs, Purification of. W. W. Williams. 2,374,063; Apr. 17.
Azo dyestuffs, Purification of. W. W. Williams. Re. 22,705; Dec. 25.
Azo dyestuffs, Substantive. E. Keller. 2,390,152; Dec. 4.
Azo intermediates. C. J. Harrington. 2,366,616; Jan. 2.
Azo-methine compounds, Manufacture of. T. L. Cantrell and J. G. Peters. 2,388,903; Nov. 13.
Azo pigments. H. E. Woodward. 2,374,064; Apr. 17.
Azo triazoles, Metallized. B. L. West. 2,390,480; Dec. 4.
Babbitting. S. Adels. 2,381,797; Aug. 7.
Babbitting appliance. J. L. Morris. 2,375,939; May 15
Baby's bath chair. E. A. Corbett. 2,379,340; June 26.
Baby's bottle holder. G. W. Prosser. 2,390,737; Dec. 11.
Back lash take-up. T. W. Feeney. 2,389,035; Nov. 13.
Back-off apparatus. H. Egleston. 2,379,287; June 26.
Backpart forming machine. E. R. Davis. 2,388,726; Nov. 13.
Back rest for beds. B. E. Rogerson. 2,387,357; Oct. 23.
Back rest for divan-bed combination, Demountable. J. R. McKay. 2,368,938; Feb. 6.
Back siphonage prevention valve. C. E. Ellis. 2,372,940; Apr. 3.
Backstop for conveyers, elevators, etc., Differential. P. A. Smith. 2,383,276; Aug. 21.
Back washer. W. Dixon. 2,378,471; June 19.
Bacteria, Destroying. H. A. Beechem and F. W. Fabian. 2,383,907; Aug. 28.
Badge. J. A. Dondero. 2,388,728; Nov. 13.
Baffle, Aircraft wing slot. W. S. Diehl. 2,368,205; Jan. 30.
Bag: *See*—
Combination and carrying bag.
Golf bag.
Garment bag.
Laundry bag.
Metal bottom bag.
Packing bag.
Sewed double side seam bag
Sleeping bag.
Utility Bag.
Bag. G. W. Poppe. 2,385,647; Sept. 25.
Bag and book cover, Combination. P. A. Spaldo. 2,369,864; Feb. 20.
Bag and filling same. H. A. Rohdin. 2,373,340; Apr. 10.
Bag and jacket, Sleeping. J. O'Reilley. 2,376,617; May 22.
Bag and making same. D. Schmidt. 2,370,079; Feb. 20.
Bag and making same, Automatic bottom. A. B. Haslacher. 2,377,005; May 29.
Bag and the like for infants, Sleeping. J. G. O'Hara. 2,374,299; Apr. 24.
Bag bodies, Making. R. J. Williams. 2,381,850; Aug. 7.
Bag closing apparatus, Baling. A. N. Weeks. 2,374,147; Apr. 17.
Bag closing machine. H. G. Allen. 2,385,598; Sept. 25.
Bag closure. C. V. Brady. 2,373,010; Apr. 3.
Bag closure. C. V. Brady. 2,385,255; Sept. 18.
Bag closure. J. W. Carter. 2,390,423; Dec. 4.
Bag closure. P. S. Coghill. 2,369,716; Feb. 20.
Bag construction. W. S. Brede, M. M. Curtis, and J. L. Reibold. 2,370,226; Feb. 27.
Bag feeding, turning and delivering mechanism. E. E. West. 2,374,571; Apr. 24.
Bag filling holder. J. F. Lotz. Jr. 2,384,109; Sept. 4.
Bag for tire section molds, Self-centering curing. I. F. Proaps. 2,386,504; Oct. 9.
Bag forming machine. S. H. Berch. 2,383,842; Aug. 28.
Bag holder. J. C. Broome. 2,383,366; Aug. 21.
Bag holder. G. K. Divelbiss and A. Krofft. 2,371,743; Mar. 20.
Bags, Making album. G. W. Poppe. 2,385,646; Sept. 25.
Bag making machine. R. C. Hurrey. 2,376,697; May 22.
Bag making, stringing, and tagging machine. E. E. West. Re. 22,596; Jan. 23.
Bag material, and the product thereof, Making a. C. W. Pinckert. 2,374,128; Apr. 17.
Bag molding apparatus. W. A. Lippincott. 2,377,892; June 12.
Bag stringing machine. E. E. West. 2,374,572; Apr. 24.
Bag stringing needle. E. E. West. 2,374,573; Apr. 24.
Bag valve. T. A. Contryman. 2,378,285; June 12.
Bagger and weigher, Fruit. J. C. Broome and H. D. Carlton. 2,373,649; Apr. 17.
Bags and envelopes, Making of. T. H. Krueger. 2,372,008; Mar. 20.
Bags filled with fluent material, Reshaping. R. H. Brechtel. 2,373,162; Apr. 10.
Bags, Method and apparatus for producing. W. S. Patterson. 2,385,229; Sept. 18.
Bags, Method of and apparatus for producing valved or sleeved. H. E. Lee. 2,387,274; Oct. 23.
Bailer, Oil well. J. D. Johnston. 2,371,824; Mar. 20.
Bait can and fish sack holder. E. H. Kruse. 2,384,101; Sept. 4.
Baked goods, Manufacture of. J. Freilich and C. N. Frey. 2,382,305; Aug. 14.
Balance testing machine. J. P. Lannen. 2,367,787; Jan. 23.
Balanced cathode ray sweep circuit. J. J. Mahoney, Jr. 2,367,728; Jan. 23.
Balanced valve. S. G. Harwood. 2,385,510; Sept. 25.
Balanced valve. H. E. Warren. 2,391,531; Dec. 25.
Balanced vane pump. W. R. Tucker. 2,368,789; Feb. 6.
Balancing and attaching means, Break head. F. E. Bachman. 2,380,376; July 31.
Balancing apparatus. J. Torrey. 2,375,171; May 1.
Balancing device. F. A. Nichols. 2,377,096; May 29.
Balancing device, Brake head. C. G. Smith. 2,377,817; June 5.
Balancing machine. S. Bousky. 2,383,588; Aug. 28.
Balancing machine. E. F. Riopelle and K. E. Sihvonen. 2,382,665; Aug. 14.
Balancing machine. K. E. Sihvonen and E. F. Riopelle. 2,382,673; Aug. 14.
Balancing method and apparatus. M. S. Merrill and C. M. Hathaway. 2,383,405; Aug. 21.
Balancing system. P. D. Andrews. 2,380,389; July 31.
Bale ejector for scrap metal baling presses. G. W. Langford, A. C. Barrows, and J. V. Haidler. 2,371,762; Mar. 20.
Baler, Continuous wire tying. V. C. Belt. 2,367,180; Jan. 16.
Baler, Hay. O. T. Andrews. 2,366,230; Jan. 2.
Baler, Pickup. S. D. Russell. 2,381,620; Aug. 7.
Baler, Rotary. P. H. Harrer. 2,391,018; Dec. 18.
Baling machine. J. D. Tessier. 2,375,876; May 15.
Baling press. R. B. Hitchcock. 2,389,510; Nov. 20.
Baling press. S. S. Robinson, Jr. 2,366,426; Jan. 2.
Balking ring clutch. C. D. Peterson and A. H. Deimel. 2,378,788; June 19.
Ball and making same, Inflatable athletic. T. W. Smith, Jr. 2,380,370; July 10.
Ball and pin handling mechanism for bowling pin setting machines. G. J. Schmidt. 2,389,643; Nov. 27.
Ball, disk, and drum mechanism. E. Dawson. 2,388,680; Nov. 13.
Ball bearing. H. O. Coddington. 2,382,975; Aug. 21.
Ball bearing. R. P. Ellis. 2,381,730; Aug. 7.
Ball bearing. K. A. Kail. 2,391,245; Dec. 18.
Ball bearing regreasing device, Sealed. P. E. Richmond and D. J. Griswold. 2,369,178; Feb. 13.
Ball gear lock. T. A. P. T. Koht. 2,368,584; Jan. 30.
Ball mill. E. Saumenicht. 2,376,820; May 22.
Ball self-locking releasable coupling. R. J. Brown. 2,375,072; May 1.
Balls and improved balls, Process and apparatus for making. G. S. Radford and A. Couture. 2,376,085; May 15.
Balls for games, Manufacturing. L. M. S. Lejeune. 2,373,899; Apr. 17.
Balls, Making playing. H. N. Huse. 2,367,867; Jan. 23.
Balloon, Display. H. E. Jacobs. 2,383,390; Aug. 21.
Balsa article, Moulded. D. Newmark. 2,381,134; Aug. 7.
Band and handle structure, Glass vessel. J. H. Reichart. 2,389,741; Nov. 27.
Band, bracelet or the like, Expansible wrist watch. A. Szeglin and J. Kreisler. 2,376,633; May 22.
Band, Expansion. L. Kreisler and J. G. Siska. 2,388,554; Nov. 6.
Band for garments, Adjustable. R. Alfandre. 2,375,745; May 15.
Band for hard refractory materials, Saw. W. T. Anderson. 2,368,092; Jan. 30.
Band for pipe joints, Welding. E. C. Planett. 2,380,071; July 10.
Band iron brake. L. H. Gable. 2,382,306; Aug. 14.
Banding machine. E. C. Sloan. 2,379,937; July 10.
Band lap. R. B. Mentzer. 2,369,068; Feb. 6.
Band manufacture, Multistrand. D. C. Everitt. 2,374,529; Apr. 24.
Band saw. W. B. Boice and J. E. Boice. 2,371,731; Mar. 20.
Band structure, Endless self-clamping. J. H. Reichart. 2,378,866; June 19.
Band, Sweat. F. De Feo. 2,387,567; Oct. 23.
Band tensioning tool. H. W. Cleveland. 2,368,969; Feb. 6.
Band tightening and sealing tool. B. L. Watt and C. F. Osgood, Jr. 2,386,153; Oct. 2.
Bands, Forming metallic. F. J. Bittermann. 2,389,758; Nov. 27.
Bands, Manufacturing. A. P. D. Belanger. 2,377,857; June 12.
Bandage making machine. H. H. Brown. 2,380,823; July 31.
Bandages with improved elastic properties, Producing surgical. C. F. Goldthwait. 2,379,574; July 3.
Bank, Savings. G. C. Carlson. 2,389,716; Nov. 27.
Bar: *See*—
Boring bar.
Electrical bus bar.
Grate bar.
Reinforcing bar.
Spring bar.
Tow bar.
Wrecking bar.

Bar and support, Bucking. A. H. Haberstump. 2,377,416; June 5.
Bar control for riveting hammers, Bucking. J. A. Roberts. 2,375,691; May 8.
Bar feed for lathes. H. H. Logan. 2,376,606; May 22.
Bar for business machines, Skip. M. G. Baumgartner. 2,375,888; May 15.
Bar structure, Spliced. J. J. Meyer and F. A. Jones. 2,375,018; May 1.
Bar support and spacer, Combined. B. Hillberg. 2,375,361; May 8.
Bar vibrating device for darning, Presser. C. E. Colegrove. 2,386,840; Oct. 16.
Bars or cakes, Detergent. E. E. Dreger and A. C. Bell. 2,385,614; Sept. 25.
Barbecue. A. E. Cramer. 2,388,831; Nov. 13.
Barge, Ship salvaging. S. Basile. 2,384,271; Sept. 4.
Barite in fluorspar concentrate, Reducing. W. E. Duncan. 2,381,120; Aug. 7.
Barium aluminate, Preparing. F. J. Williams. 2,375,715; May 8.
Barium containing glass stock to produce optical elements or the like, Processing. V. Walker. 2,390,405; Dec. 4.
Barium, Purification of. P. P. Alexander. 2,375,200; May 8.
Bark removing machine. C. F. Knight. 2,379,581; July 3.
Barking machine. F. E. Medcoff. 2,382,896; Aug. 14.
Barometer. A. Raspet. 2,377,182; May 29.
Barometer, Aneroid. I. E. McCabe. 2,367,034; Jan. 9.
Barometer interpreter. W. H. Redding. 2,385,732; Sept. 25.
Barometer movement, Aneroid. C. F. Wallace. 2,368,905; Feb. 6.
Barrel, Core. B. W. Sewell. 2,374,961; May 1.
Barrel, Gun. F. L. Vera. 2,378,959; June 26.
Barrel liner, Tumbling. G. E. Huenerfauth and F. P. Green. 2,384,170; Sept. 4.
Barrel, Washing. A. J. Lewis and L. W. Barnes. 2,391,634; Dec. 25.
Barrette. G. N. Bolinger. 2,368,913; Feb. 6.
Barrier drain. C. J. Rocquin. 2,376,555; May 22.
Barrier, Hidden. R. B. Gray. 2,381,739; Aug. 7.
Barrow, Kiddie. W. M. Roberts. 2,381,618; Aug. 7.
Baryta coating of melt-coated paper. H. T. Galley. 2,366,723; Jan. 9.
Base construction. R. E. Gardiner. 2,386,306; Oct. 9.
Base for electric lamps and the like. C. A. Brown and C. E. Hahn. 2,379,063; June 26.
Base for electric lamps or similar devices. J. J. Malloy. 2,385,634; Sept. 25.
Base for metallurgical furnaces and the like. C. M. Sackerson. 2,369,756; Feb. 20.
Base for sound recording machines, Film supporting. J. M. Kuhlik. 2,382,161; Aug. 14.
Base for telegraph booths. C. L. Krumreich and H. W. Meehan. 2,379,089; June 26.
Base, Moistureproof. T. W. Keller. 2,390,308; Dec. 4.
Base, Partition. F. P. Tucker. 2,390,857; Dec. 11.
Basket. H. C. Fuerstenberg. 2,374,277; Apr. 24.
Basket. J. H. Holtvoigt. 2,374,153; Apr. 17.
Basket and container, Paper. P. K. Madan. 2,374,366; Apr. 24.
Basket, Egg transfer. E. E. Buckley and B. E. Richmond. 2,384,794; Sept. 18.
Basket for explosive charges, Loading. E. F. Darnell. 2,377,763; June 5.
Basket, Fruit harvesting. W. W. Dale. 2,367,566; Jan. 16.
Basket, Harvesting. A. F. Flournoy. 2,372,073; Mar. 20.
Bassinet organization. J. Kreiselman. 2,366,630; Jan. 2.
Bath, Electropolishing. S. M. Weisberg and I. Levin. 2,386,078; Oct. 2.
Bath for heating soldering irons. A. F. Holden. 2,370,960; Mar. 6.
Bath for metals, Pickling. C. C. Clark. 2,373,291; Apr. 10.
Baths, Electroplating. J. S. Nachtman. 2,370,986; Mar. 6.
Bating composition. F. Schmitt. 2,369,256; Feb. 13.
Batten. F. P. Tucker. 2,371,921; Mar. 20.
Batten. F. Waller. 2,378,877; June 19.
Batteries, Making dry. A. M. MacFarland. 2,389,674; Nov. 27.
Batteries, Storing and filling. E. M. Sutherland and C. H. Endress. 2,382,675; Aug. 14.
Battery charging rack. G. C. Nelms, E. Coggeshall, E. A. Berry, and W. K. Wilbur. 2,375,866; May 15.
Battery charging system. W. F. Scott and J. S. Peters. 2,368,264; Jan. 30.
Battery charging system. R. T. Williams. 2,377,596; June 5.
Battery construction. G. A. F. Winckler. 2,369,931; Feb. 20.
Battery construction, Storage. J. A. Smith. 2,367,807; Jan. 23.
Battery filling and venting means. H. D. Wilson. 2,391,666; Dec. 25.
Battery for aircraft, Storage. J. L. Rupp. 2,379,189; June 26.
Battery, Nondeteriorating dry. G. A. F. Winckler. 2,368,697; Feb. 6.
Battery opening apparatus. J. R. Price. 2,380,329; July 10.
Battery plates, Drying formed. M. F. Chubb and P. F. Ebert. 2,389,893; Nov. 27.
Battery, Primary. Le R. S. Dunham and H. M. Teague. 2,390,574; Dec. 11.
Battery retainers, Making storage. C. A. Hall. 2,374,540; Apr. 24.
Battery seal. J. W. Moran. 2,376,712; May 22.
Battery, Secondary. P. Arnoldi. 2,391,001; Dec. 18.
Battery separator. S. I. Strickhouser and E. C. Ullig. 2,382,829; Aug. 14.
Battery separators, Making. E. Fairclough. 2,382,621; Aug. 14.
Battery, Storage. R. A. Daily. 2,391,820; Dec. 25.
Battery, Storage. G. N. Proctor. 2,368,491; Jan. 30.
Battery, Storage. G. N. Proctor. 2,381,140; Aug. 7.
Battery, Storage. F. J. Williams and J. A. Orsino. 2,389,832; Nov. 27.
Battery system and cleaning apparatus therefor, Poultry. R. L. Lovell. 2,383,326; Aug. 21.
Battery terminal. W. G. Tenney. 2,381,938; Aug. 14.
Battery terminal clamp. P. W. Bruder. 2,370,227; Feb. 27.
Battery terminal connection. J. G. Sutherland. 2,384,211; Sept. 4.
Battleship, Torpedo-proof. A. D. Masloff. 2,371,340; Mar. 13.
Battle tank. H. M. Pflager. 2,376,720; May 22.
Bayonet. H. C. Haag. 2,367,212; Jan. 16.
Beach protection. S. M. Wood. 2,387,965; Oct. 30.
Beacon, Glide path. A. Alford. 2,373,090; Apr. 10.
Bead lock. J. E. Hale. 2,381,382; Aug. 7.
Bead locking ring. F. Herzegh. 2,390,303; Dec. 4.
Beading tool. W. H. Dedrick. 2,377,406; June 5.
Beak trimming device for poultry. R. P. Barton. 2,384,875; Sept. 18.
Beam, Brake. E. G. Leverenz. 2,368,854; Feb. 6.
Beam clamp. R. Ellerthorpe. 2,376,041; May 15.
Beam compass. J. W. Oehrli. 2,385,723; Sept. 25.
Beam, Composite. T. A. B. Legowik. 2,391,250; Dec. 18.
Beam letoff. B. Plunkett and R. C. Scheib. 2,383,562; Aug. 28.
Beam, spool, or reel, Section warp. R. V. Olson. 2,370,066; Feb. 20.
Beam, Structural. D. T. Dubassoff. 2,380,953; Aug. 7.
Beam structure, Composite. C. P. Cueni. 2,382,138; Aug. 14.
Beam, Weighing scale. W. A. Dimick. 2,390,696; Dec. 11.
Beamer. F. Lambach. 2,370,672; Mar. 6.
Beamer. F. Lambach. 2,384,474; Sept. 11.
Bearing: *See*—

Antifriction bearing.	Seal bearing.
Ball bearing.	Self-lubricating bearing.
Center bearing.	Shaft bearing.
Journal bearing.	Shock absorber bearing.
Precision pivot bearing.	Silver-thallium bearing.
Roller bearing.	Thrust bearing.

Bearing. T. L. Gatke. 2,389,253; Nov. 20.
Bearing. F. R. Hensel. 2,379,434; July 3.
Bearing. F. R. Hensel and E. I. Larsen. 2,372,202; Mar. 27.
Bearing. F. R. Hensel and E. I. Larsen. 2,377,882; June 12.
Bearing. H. A. Knox. 2,380,971; Aug. 7.
Bearing. E. G. Landberg. 2,386,165; Oct. 2.
Bearing. H. N. Parsons. 2,380,327; July 10.
Bearing. C. A. Rich and C. A. Rich, Jr. 2,367,613; Jan. 16.
Bearing. A. Rickenmann. 2,389,687; Nov. 27.
Bearing. F. W. Side. 2,377,526; June 5.
Bearing. R. L. Strickland and A. B. Segall. 2,388,019; Oct. 30.
Bearing. C. T. Torresen. 2,373,860; Apr. 17.
Bearing. L. S. Williams. 2,387,202; Oct. 16.
Bearing. L. I. Yeomans. 2,375,269; May 8.
Bearing and bell crank, Self-lubricating. F. C. Warren. 2,369,421; Feb. 13.
Bearing and making the same, Unit-type anti-friction. D. E. Lewis. 2,383,727; Aug. 28.
Bearing and the like. F. R. Hensel. 2,379,435; July 3.
Bearing and retainer puller. C. L. Meyer. 2,386,253; Oct. 9.
Bearing apparatus. W. B. Flanders. 2,370,854; Mar. 6.
Bearing assembly. E. J. Ambrosini. 2,377,855; June 12.
Bearing assembly. A. J. Bastian. 2,381,249; Aug. 7.
Bearing assembly. C. C. Bell. 2,384,005; Sept. 4.
Bearing assembly. J. Boyd. 2,372,054; Mar. 20.
Bearing assembly. V. E. Enz. 2,381,270; Aug. 7.
Bearing assembly, Self-aligning. S. Bousky. 2,390,353; Dec. 4.
Bearing clutch. E. P. Schmidt. 2,391,350; Dec. 18.
Bearing construction. B. W. Mantle. 2,371,400; Mar. 13.
Bearing construction for dynamo-electric machines. F. J. Lyden. 2,381,070; Aug. 7.
Bearing cup puller. L. E. Looney. 2,380,980; Aug. 7.
Bearing cups, Finishing. E. H. Delahan and A. G. Frojd. 2,368,007; Jan. 23.
Bearing device, Spherical self-alignment. V. S. Collito. 2,380,150; July 10.
Bearing extractor. E. E. Stelzer. 2,373,064; Apr. 3.
Bearing for automobiles, Steering spindle. J. R. Tedd. 2,385,170; Sept. 18.
Bearing for rotary spindles. W. G. Baldenhofer. 2,384,589; Sept. 11.
Bearing for rudder shafts. H. Lyons. 2,384,941; Sept. 18.
Bearing lubrication. E. G. Boden. 2,368,963; Feb. 6.

Bearing mounting. W. I. Pixley. 2,377,035; May 29.
Bearing race extractor. A. C. Goddard and J. J. Seme. 2,373,307; Apr. 10.
Bearing structure. R. I. N. Weingart. 2,376,406; May 22.
Bearing structure for straight knitting machines. F. G. Weisbecker. 2,370,762; Mar. 6.
Bearing structure, Self-aligning. J. C. Chambers and J. R. Allen. 2,382,773; Aug. 14.
Bearing surfaces with lubricants, Treatment of. M. E. Bell. 2,387,872; Oct. 30.
Bearing unit and lubricating material therefor. L. A. Delp. 2,379,478; July 3.
Bearings, Fabricating babbitt lined. S. A. Smith. 2,384,654; Sept. 11.
Bearings for clocks, watches and precision instruments. C. A. Carlson and W. R. Butler. 2,369,338; Feb. 13.
Bearings, Making. E. B. Etchells. 2,377,681; June 5.
Bearings, Making. L. R. Heim. 2,366,668; Jan. 2.
Bearings, Making. J. D. Howe. 2,386,951; Oct. 16.
Bearings, Making. B. W. Mantle. 2,371,399; Mar. 13.
Bearings, Making. J. W. Skehan and G. J. Agule. 2,378,588; June 19.
Bearings, Making. C. F. Smart. 2,373,352; Apr. 10.
Bearings, Making antifriction. G. H. Kendall. 2,376,779; May 22.
Bearings, Making self-aligning. C. G. Taylor. 2,382,349; Aug. 14.
Bearings, Making tubular. C. Hardy. 2,374,747; May 1.
Bearings, particularly those for rectilinear motion, Ball and roller. P. W. Thornhill and J. H. Onions. 2,369,926; Feb. 20.
Bearings, Seal for journal. A. C. Lind and F. G. Stuller. 2,369,911; Feb. 20.
Beat-up mechanism of looms for weaving. D. W. Shimwell. 2,380,798; July 31.
Beauty parlor appliance. M. E. McCart. 2,370,359; Feb. 27.
Bed: *See*—
Cooling bed.
Bed. F. F. Badin. 2,374,641; May 1.
Bed. W. C. Bornhuetter. 2,376,114; May 15.
Bed board, Combination folding orthopedic and reclining. F. R. Muenzen. 2,381,509; Aug. 7.
Bed bottom, Elastic. R. Retter. 2,371,777; Mar. 20.
Bed bottom or the like, Braced. M. M. Cunningham. 2,372,361; Mar. 27.
Bed, Collapsible. E. B. Terry, Jr. 2,370,269; Feb. 27.
Bed, Combination. J. Pejka. 2,371,409; Mar. 13.
Bed, Cooling. G. W. Rauschenberger. 2,370,915; Mar. 6.
Bedcover. L. L. Steigerwald. 2,374,712; May 1.
Bed covering, Quilted. R. Davis. 2,383,592; Aug. 28.
Bed for infants. W. T. Townsend. 2,387,196; Oct. 16.
Bed, Hospital. A. L. Bresch. 2,375,192; May 8.
Bed, Hospital. C. A. Deckert. 2,373,017–18; Apr. 3.
Bed, Hospital. J. D. Dry. 2,369,447; Feb. 13.
Bed, Hospital. W. A. Hillenbrand. 2,379,080; June 26.
Bed, Hospital. C. R. Marsan. 2,384,325; Sept. 4.
Bed, Hospital. N. O. Nelson. 2,373,590; Apr. 10.
Bed or similar body resting appliance. A. W. Schenker. 2,373,421; Apr. 10.
Bed or similar body resting appliance. A. W. Schenker. 2,391,746; Dec. 25.
Bedboard, Folding reclining. F. R. Muenzen. 2,390,660; Dec. 11.
Bedspring. J. N. Bressler. 2,386,428; Oct. 9.
Bedspring. C. J. Elder. 2,366,846; Jan. 9.
Bed spring. C. J. Elder. 2,378,625; June 19.
Bedspring. N. C. Goldberg. 2,371,099; Mar. 6.
Bedstead, Metallic. C. L. Dewey. 2,376,347; May 22.
Bee comb foundation. H. C. Dadant and R. A. Grout. 2,366,182; Jan. 2.
Bee hive tool. J. P. Coakley. 2,369,815; Feb. 20.
Beer dispenser. W. F. Delzer. 2,369,721; Feb. 20.
Beer dispensing device. R. T. Cornelius. 2,373,294; Apr. 10.
Beet cleaner. J. A. Harwood. 2,388,740; Nov. 13.
Beet lifter. V. N. Tramontini. 2,385,895; Oct. 2.
Beet thinner, Portable. J. P. Jensen. 2,378,143; June 12.
Bellows. A. Zellos. 2,387,486; Oct. 23.
Belt. H. Morrison. 2,386,708; Oct. 9.
Belt. S. R. Reimel. 2,377,650; June 5.
Belt and ptosis pad, Supporting. I. R. Versoy. 2,372,034; Mar. 20.
Belt and vest, Combination. A. Piotrowski. 2,376,004; May 15.
Belt block. P. B. Reeves. 2,387,183; Oct. 16.
Belt, Carrier. G. M. Howard. 2,382,634; Aug. 14.
Belt, Cartridge. W. A. Schaich. 2,372,685; Apr. 3.
Belt-centering device. G. F. Dodge. 2,366,390; Jan. 2.
Belt, Chain. G. G. Mize. 2,368,372; Jan. 30.
Belt drive device. J. Mancia and G. Mégel. 2,384,759; Sept. 11.
Belt drive reversing unit. T. E. Gohlke. 2,390,582; Dec. 11.
Belt drive for machine tools. O. D. Smith and C. Webb. 2,372,342; Mar. 27.
Belt, Endless transmission. A. S. Brown. 2,377,609; June 5.
Belt for airplane cannon, Link. S. J. Becker. 2,373,288; Apr. 10.
Belt guiding mechanism, Metal. L. A. Cundall. 2,380,221; July 10.
Belt, Money and article carrying. S. Sherman. 2,383,748; Aug. 28.
Belt, Safety. R. E. Dowd. 2,372,558; Mar. 27.
Belt, Safety traffic signal. Z. E. Frecska. 2,378,075; June 12.
Belt tightener. E. C. Krueger. 2,368,848; Feb. 6.
Belt-tightening device. H. P. Thomas. 2,366,159; Jan. 2.
Belt, Welder's comforting and accessory suspension. M. Zatko. 2,388,811; Nov. 13.
Belts, Making transmission. A. S. Brown and G. E. Sedgley. 2,391,674; Dec. 25.
Bench back. R. A. Campbell. 2,383,041; Aug. 21.
Bench, Portable park. H. Rush. 2,374,837; May 1.
Bench, Relaxing. L. E. Carlile. 2,382,542; Aug. 14.
Bending and beveling machine. R. Seifried. 2,370,329; Feb. 27.
Bending machine. J. B. Milan. 2,371,838; Mar. 20.
Bending machine. M. A. Powers. 2,382,745; Aug. 14.
Bending of boards. J. W. Jackson. 2,373,567; Apr. 10.
Beneficiation of iron ore. R. B. Booth and E. C. Herkenhoff. 2,385,054; Sept. 18.
Benzene, Alkylation of. V. N. Ipatieff and R. E. Schaad. 2,382,318; Aug. 14.
Benzene, Alkylation of. W. A. Pardee and B. F. Dodge. 2,388,007; Oct. 30.
Benzene compounds, Purification of dihydroxy. W. J. Cotton. 2,381,209; Aug. 7.
Benzene, Hydrogenation of. A. G. Weber and M. D. Peterson. 2,391,283; Dec. 18.
Benzene, Production of ethyl. C. N. Kimberlin, Jr. 2,373,030; Apr. 3.
Benzene, Production of synthetic. D. L. Fuller and B. S. Greensfelder. 2,378,208; June 12.
Benzene products, Preparation of divinyl. G. F. D'Alelio. 2,378,196–7; June 12.
Benzene-sulphonamido derivatives and making same. M. Hartmann and J. Druey. 2,382,167; Aug. 14.
Benzene, Sulphonization of. J. B. Maguire and D. F. Gould. 2,379,585; July 3.
Benzenes and naphthalenes, Making primary alkylated. E. J. Mills, Jr. 2,388,758; Nov. 13.
Benzil, Preparation of. C. A. Bordner. 2,377,749; June 5.
Benzoin, Preparation of. O. W. Cass and C. A. Bordner. 2,372,709; Apr. 3.
Benzoquinones and their production, Substituted. M. Tishler. 2,376,984; May 29.
Berries, Completing the packaging of. G. Harrison. 2,387,326; Oct. 23.
Berries or the like, Completing the packaging of. G. Harrison. 2,376,138; May 15.
Berth. J. K. Tully, L. Andersen, and B. E. Jones. 2,371,482; Mar. 13.
Berthing place for vessels, Jetty, wharf, and like. A. L. L. Baker. 2,391,612; Dec. 25.
Beryllium fluoride, Making. C. B. Willmore and F. D. Chew. 2,387,203–7; Oct. 16.
Beryllium, Producing. B. R. F. Kjellgren. 2,381,291; Aug. 7.
β-alanin, Manufacture of. P. Ruggli and A. Businger. 2,367,436; Jan. 16.
Beta-alanine, Preparation of. G. H. Carlson and C. N. Hotchkiss. 2,377,401; June 5.
Beta-alanine, Synthesis of. S. H. Babcock, Jr., and B. R. Baker. 2,376,334; May 22.
Beta amylose-iodine compound and the production of the same. W. L. Minto. 2,383,334; Aug. 21.
β,β′-iminodipropionimide. R. S. Hanslick. 2,377,147; May 29.
Beta-chloroallyl acrylates. C. E. Rehberg and C. H. Fisher. 2,388,440; Nov. 6.
β-diketones, Production of. W. H. Reeder, III and G. A. Lescisin. 2,369,250; Feb. 13.
β-erythroidine and its hydrohalides and their production. K. Folkers and R. T. Major. 2,373,952; Apr. 17.
Beta-olefins, Producing. W. H. Peterson and J. Anderson. 2,375,687; May 8.
Beta-picoline, Recovering pure. G. Riethof. 2,388,499; Nov. 6.
Betaine and betaine salts from sugar beet wastes, Recovery of. A. N. Bennett. 2,375,164; May 1.
Bevel edges on metal strip and the like, Producing. E. E. Davis and T. F. Stevens. 2,381,808; Aug. 7.
Beverage. J. E. Faulkner. 2,391,559; Dec. 25.
Beverage dispensing apparatus. C. V. Di Pietro. 2,371,431; Mar. 13.
Beverage maker. F. J. Dever. 2,391,397; Dec. 25.
Beverage mixing machine. C. H. Miller. 2,391,066; Dec. 18.
Beverages, Packaging. R. J. Stewart. 2,372,457; Mar. 27.
Bezel sealing for pressureproof cases, Design of. J. S. Hellen. 2,376,593; May 22.
Bib. J. A. Tiscornia. 2,367,383; Jan. 16.
Bichalcogenous material. W. J. Burke. 2,388,597; Nov. 6.
Bicycle. J. A. McLean. 2,383,000; Aug. 21.
Bicycle carrier. F. W. Schwinn. 2,379,994; July 10.
Bicycle construction. S. Wallace and M. A. Blu. 2,378,961; June 26.
Bicycle frame. H. H. Bound. 2,380,497; July 31.
Bicycle seat. W. P. Murrell. 2,376,713; May 22.

Biguanides, Production of. R. L. Sperry and E. O. Hook. 2,371,111; Mar. 6.
Bile pigments, Recovering. J. D. Porsche and F. J. Solms. 2,386,716; Oct. 9.
Bilge pump. T. Langan. 2,382,797–8; Aug. 14.
Billet and preparation and rolling thereof, Bimetallic. W. A. Carlson. 2,386,091; Oct. 2.
Billets, Producing steel. A. R. Rowe. 2,371,356; Mar. 13.
Billfold. A. Pitar. 2,368,040; Jan. 23.
Billfold. L. L. Sherwood. 2,384,199; Sept. 4.
Billfold. L. L. Sherwood. 2,388,444; Nov. 6.
Billfold, Secret pocket. M. Becker. 2,387,490; Oct. 23.
Billfold, Theftproof. L. B. Miller. 2,369,597; Feb. 13.
Billiard table. A. F. Debicki. 2,391,395; Dec. 25.
Billing and marking machine, Combination. M. Seldin. 2,373,633; Apr. 10.
Bimetal tube. K. B. Ris. 2,386,747; Oct. 16.
Bimetallic clamp. H. F. Fruth. 2,377,222; May 29.
Bin, Revolving. P. Rosenberg. 2,371,917; Mar. 20.
Binder. N. August, Jr. 2,386,083; Oct. 2.
Binder. H. D. Falls. 2,382,556; Aug. 14.
Binder. E. M. Phillips. 2,367,687; Jan. 23.
Binder. L. J. Thoele. 2,371,198; Mar. 13.
Binder. L. J. Thoele. 2,374,395; Apr. 24.
Binder and ring usable therein. J. J. Seelman. 2,371,474; Mar. 13.
Binder, Booklet. M. E. Novak. 2,380,780; July 31.
Binder construction, Loose-leaf. A. G. Lotter. 2,387,337; Oct. 23.
Binder, Cumulative sheet. A. J. Cardoza. 2,381,204; Aug. 7.
Binder, Loose-leaf. G. H. Dawson and P. O. Unger. 2,381,040; Aug. 7.
Binder, Loose-leaf. W. Pitt. 2,377,179; May 29.
Binder, Loose-leaf. E. C. Williams. 2,386,024; Oct. 2.
Binder, Post. S. G. Johnson. 2,383,062; Aug. 21.
Binder, Post. F. S. Schade. 2,366,933; Jan. 9.
Binder, Sheet. G. G. Grinnell. 2,377,340; June 5.
Binders and split rings therefor, Making. C. E. Emmer. 2,388,397; Nov. 6.
Binders for glass fiber threads. H. Steinbock. 2,371,933;
Binding agents and their use, Synthetic. G. Widmer and W. Fisch. 2,370,278; Feb. 27.
Binding, Book. G. B. Wiser. 2,380,206; July 10.
Binding, Ski. A. B. Lanz. 2,383,064; Aug. 21.
Binding strip apparatus. W. Stuebing, Jr. 2,389,699; Nov. 27.
Binocular instrument. E. Krimsky. 2,380,850; July 31.
Binocular or the like. W. F. Peck. 2,370,257; Feb. 27.
Binoculars. J. A. Grier. 2,386,394; Oct. 9.
Binoculars with polarized light filters. C. J. Glasser. 2,383,186; Aug. 21.
Biochemical process and apparatus for manufacturing food products. G. A. Jeffreys. 2,370,665; Mar. 6.
Biological apparatus, container, and method. E. W. Flosdorf, C. J. Westin, and F. J. Stokes, Jr. 2,388,134; Oct. 30.
Biological materials and products resulting therefrom, Preservation of. J. C. Hormel. 2,388,917; Nov. 13.
Biological product and obtaining same. N. H. Fell. 2,372,066; Mar. 20.
Biological product and obtaining same. N. H. Fell. 2,376,424; May 22.
Biological substances, Method and apparatus for reserving. H. A. Siedentopf. 2,380,339; July 10.
Biotin, Extracting. J. V. Karabinos, E. R. Eckhardt, and W. I. Patterson. 2,374,212; Apr. 24.
Biotin inactivating material, Producing. R. Hertz and W. H. Sebrell. 2,370,662; Mar. 6.
Bipartite tube. W. Friedrichs. 2,374,858; May 1.
Bipropeller drive, Polyengine. C. R. Waseige. 2,380,889; July 31.
Bis(alkylthiazyl) disulphides, Stabilization of. J. E. Jansen. 2,386,959; Oct. 16.
Bis esters of iodinated phenyl aliphatic carboxylic acids. W. H. Strain, J. T. Plati, and S. L. Warren. 2,386,640; Oct. 9.
Bis-trimethylsilicyl oxide and its preparation. W. H. Daudt. 2,386,441; Oct. 9.
Bis(2-cyanoethyl) ether and making same. H. A. Bruson. 2,382,036; Aug. 14.
Bisulphite derivatives of 2-methyl-1,4-naphthoquinone and the like. M. B. Moore and F. J. Kirchmeyer. 2,367,302; Jan. 16.
Bit: *See*—
Core bit.
Diamond drill bit.
Drill bit.
Drilling bit.
Expansion bit.
Mining cutter bit.
Screw driver bit.
Step-cut drill bit.
Bit. J. T. Phipps. 2,370,070; Feb. 20.
Bit for cable well tools, Automatically rotatable. A. Boynton. 2,371,498; Mar. 13.
Bits, Sharpening. J. F. McCarthy, Jr. 2,374,362; Apr. 24.
Bitumen emulsion. E. E. Mayfield. 2,374,766; May 1.
Bitumen treating agent. J. M. Johnson. 2,386,867; Oct. 16.
Bituminous coating compositions and processes. B. Weetman and R. J. Agnew. 2,375,055; May 1.
Bituminous composition. J. S. Miller and J. L. Present. 2,376,798; May 22.
Bituminous composition and making same. E. J. Canavan. 2,386,592; Oct. 9.
Bituminous composition. P. M. Snyder. 2,391,750–1; Dec. 25.
Bituminous compositions, Plastic. J. B. Mullin. 2,376,447; May 22.
Bituminous composition and making the same. P. M. Snyder. 2,391,749; Dec. 25.
Bituminous emulsion and preparing same. W. D. Buckley and E. P. Bly. 2,372,658; Apr. 3.
Bituminous materials, Making. W. Becker and W. Maass. 2,383,701; Aug. 28.
Biuret derivatives. J. K. Simons and W. I. Weaver. 2,378,110; June 12.
Biuret, Manufacture of. J. F. Olin. 2,370,065; Feb. 20.
Biurets, Acidyl. A. J. Hill and W. M. Degnan. 2,379,486; July 3.
Blackboards, Bookrack for. H. E. Adell. 2,367,747; Jan. 23.
Black-out device or the like. E. N. Leger. 2,371,764; Mar. 20.
Black-out marker light. C. Gross. 2,380,691; July 31.
Black spot correcting means. R. R. von Felgel-Farnholz. 2,375,968; May 15.
Bladder, Accumulated. N. de Kiss. 2,378,467; June 19.
Blade and carrier, Cultivating. C. S. Noble. 2,373,703; Apr. 17.
Blade attachment by welding, Turbine. W. Huber. 2,384,919; Sept. 18.
Blade dispensing container. N. Testi. 2,376,206; May 15.
Blade for tanning machinery. E. L. Bartholomew. 2,371,600; Mar. 20.
Blade guide for motor-driven circular hand saws. C. F. Chaddock. 2,377,673; June 5.
Blade holding device. W. H. Rose. 2,374,502; Apr. 24.
Blade, Indexing airplane propeller. W. C. Heath. 2,381,284; Aug. 7.
Blade, Propeller. H. A. Berliner. 2,370,136; Feb. 27.
Blade, Razor. Z. Auerbach. 2,386,180; Oct. 9.
Blade, Safety razor. S. C. Stampleman. 2,384,051; Sept. 4.
Blade structure for aircraft sustaining rotors. P. H. Stanley. 2,388,879; Nov. 13.
Blade, Wedge grip scraper. V. H. Nixon. 2,390,611; Dec. 11.
Blade with integral guard, Razor. O. H. Crowell. 2,382,296; Aug. 14.
Blades, Manufacture of propeller. C. A. Brauchler. 2,378,059; June 12.
Blank feeding apparatus. H. A. Fink. 2,391,304; Dec. 18.
Blank feeding mechanism. E. Blair. 2,372,706; Apr. 3.
Blank, Shoe tap. E. E. Cohen. 2,367,334; Jan. 16.
Blanket having a copy mass containing a bile salt, Hectograph. R. W. Tatge. 2,368,583; Jan. 30.
Blanks, Forming can-end. H. Sebell. 2,378,041; June 12.
Blanks from cans, Method and apparatus for making. D. A. Froom. 2,378,136; June 12.
Blanks, Method and apparatus for straightening. M. E. Anderson. 2,389,885; Nov. 27.
Blanks, Shoe Stiffener. J. W. Wiley. 2,378,673; June 19.
Blast furnace. J. S. Stewart. 2,373,514; Apr. 10.
Blast furnace process. F. Holz. 2,373,244; Apr. 10.
Blasting cap. P. E. Narvarte. 2,377,804; June 5.
Blasting cap fuse protector. J. S. Curtiss. 2,388,310; Nov. 6.
Blasting cap package. J. B. Smith. 2,371,271; Mar. 13.
Bleach, Hydrogen peroxide. W. S. Riggs and R. Lehmann. 2,371,545; Mar. 13.
Bleaching. H. O. Kauffmann and P. H. Margulies. 2,391,710; Dec. 25.
Bleaching agent, Making a. K. E. E. Laue. 2,384,629; Sept. 11.
Bleaching and scouring treatment, Rayon. A. L. Dubeau, J. D. MacMahon, and G. P. Vincent. 2,373,881; Apr. 17.
Bleaching fibers. R. L. McEwen. 2,366,740; Jan. 9.
Bleaching process for fluids. H. Schmidt. 2,369,757; Feb. 20.
Blind, Cordless Venetian. H. J. Cohn. 2,390,826; Dec. 11.
Blind, Fabric Venetian. W. Houmère. 2,370,794; Mar. 6.
Blind landing system using electromagnetic waves. H. P. Williams. 2,372,620; Mar. 27.
Blind rivet hand tool. B. G. Carlson. 2,370,840; Mar. 6.
Blind rivet puller. H. W. Kugler. 2,384,037; Sept. 4.
Blind structure, Venetian. L. I. Kahn. 2,381,060; Aug. 7.
Blind, Venetian. A. T. Castilonia. 2,389,956; Nov. 27.
Blind, Venetian. O. Green. 2,381,158; Aug. 7.
Blind, Venetian. O. L. Herron. 2,379,353; June 26.
Blind, Venetian. L. Kasan. 2,391,709; Dec. 25.
Blind, Venetian. A. L. Thexton. 2,387,419; Oct. 23.
Blind, Window. A. Lister-Torsen. 2,386,695; Oct. 9.
Blind, Window. L. T. Smith. 2,388,715; Nov. 13.
Blinds, Window. W. G. Bell. 2,377,746; June 5.
Block: *See*—
Abrasive block.
Automatic tool block.
Belt block.
Building block.
Concrete wall building block.
Hat brim forming block.
Junction block.
Lapping block.
Quick releasing tricing block.
Snatch block.
Track block.
Tuyère block.
Block cores for endless tracks and the like, Tread. R. L. Allen and H. B. Muster. 2,371,015; Mar. 6.

Block cores for endless tracks and the like, Tread. R. 1. Schonitzer. 2,371,071; Mar. 6.
Block device, Vehicle wheel. L. E. Connell and L. W. Jones. 2,386,595; Oct. 9.
Block setter, Fire. S. G. Ackley. 2,380,487; July 31.
Block transfer mechanism. A. R. Falkner. 2,369,727; Feb. 20.
Blockade device. M. Racz. 2,390,461; Dec. 4.
Blocks, Building. A. Holmes and J. C. Roediger. 2,386,163; Oct. 2.
Blocks, Form for casting. A. E. Troiel. 2,368,502; Jan. 30.
Blocks, Forming earth building. J. A. Davis. 2,388,679; Nov. 13.
Blood collecting instrument. E. R. Lawshe. 2,376,436; May 22.
Blood corpuscles, Method and apparatus for counting. J. Kielland. 2,369,577; Feb. 13.
Blood pressure recorder, Automatic. W. E. Gilson. 2,379,573; July 3.
Blood testing apparatus. C. J. Guthrie. 2,380,168; July 10.
Blood, Treatment of. N. M. Nesset. 2,390,727; Dec. 11.
Blouse. S. Mirsky. 2,388,926; Nov. 13.
Blouse. M. Shoulder. 2,390,188; Dec. 4.
Blouse structure and the like. T. Katzman. 2,376,969; May 29.
Blowout preventer. H. Allen. 2,387,106; Oct. 16.
Blow out preventer. D. U. Shaffer. 2,368,332; Jan. 30.
Blowpipe. E. B. Scherl. 2,385,107; Sept. 18.
Blowpipe and nozzle therefor. G. M. Skinner. 2,367,316; Jan. 16.
Blowpipe tip and production. D. A. Marra. 2,368,716; Feb. 6.
Blowtorch. J. L. Evans. 2,366,605; Jan. 2.
Blowtorch. H. W. Jones. 2,379,967; July 10.
Blower, Air. A. J. Havis. 2,371,821; Mar. 20.
Blower apparatus. A. I. Ponomareff. 2,391,512; Dec. 25.
Blower apparatus. H. F. Schmidt. 2,381,777; Aug. 7.
Blower apparatus. H. F. Schmidt. 2,390,332; Dec. 4.
Blower, Cotton conveyer. L. E. Nickla and A. R. Crawford. 2,389,533; Nov. 20.
Blower head for the separation of card or paper stock. C. A. Bernard and W. A. S. Pate. 2,374,578; Apr. 24.
Blower, High pressure. E. B. Williams. 2,382,687; Aug. 14.
Blower, Pendulum type soot. De L. E. Hibner and F. C. Arey. 2,368,612; Jan. 30.
Blower, Rotary. B. Heimbach. 2,367,463; Jan. 16.
Board: *See*—
Asbestos board.
Cribbage board.
Drain board.
Electric cribbage board.
Electric maneuvering board.
Foldable cribbage board.
Game board.
Gauge board.
Ironing board.
Musical game board.
Surf board.
Quiz board.
Board cushion, Safety instrument. W. I. Luton. 2,375,567; May 8.
Boards, Method and machine for making composite. I. Hill. 2,384,676; Sept. 11.
Boat. F. P. Cortese. 2,380,220; July 10.
Boat. W. S. Dix. 2,373,019; Apr. 3.
Boat. K. Farkas. 2,369,034; Feb. 6.
Boat. H. B. Harvey. 2,386,215; Oct. 9.
Boat. W. W. and W. H. Schmitt. 2,375,139; May 1.
Boat. C. C. Sheppard. 2,381,622; Aug. 7.
Boat. D. A. Wallace. 2,384,981; Sept. 18.
Boat, Amphibious. J. H. Schuller. 2,376,626; May 22.
Boat and making same, Sectional. H. A. Mallory. 2,389,799; Nov. 27.
Boat and ship drive, Contraposed twin turreted. W. E. Soldner. 2,386,362; Oct. 9.
Boat, Collapsible. F. B. S. Grimston. 2,370,401; Feb. 27.
Boat, Collapsible. L. E. Rabjohn. 2,377,963; June 12.
Boat, Collapsible enclosed. G. Provenzano. 2,391,594; Dec. 25.
Boat construction. C. H. Clement, Jr. 2,379,883; July 10.
Boat construction. G. F. Hughes. 2,379,235; June 26.
Boat construction. E. H. Waring. 2,381,631; Aug. 7.
Boat construction, Composite. F. D. Rowland. 2,384,966; Sept. 18.
Boat cover. F. D. Burns. 2,390,986; Dec. 18.
Boat, Displacement-hydroplane. T. A. E. Lake. 2,370,318; Feb. 27.
Boat for airplanes, Life. A. P. de Seversky. 2,389,600; Nov. 27.
Boat gear. H. E. Rottmer. 2,368,728; Feb. 6.
Boat hull. A. A. Steele. 2,371,478; Mar. 13.
Boat hull construction. A. J. Higgins. 2,369,633; Feb. 13.
Boat, Inflatable. F. F. Patten. 2,370,069; Feb. 20.
Boat lamp. F. M. Meyers. 2,375,311; May 8.
Boat, Life. W. R. Bitton. 2,382,126; Aug. 14.
Boat propulsion and steering. R. J. Wadsworth and O. K. Nye. 2,381,791; Aug. 7.
Boat propulsion means. C. H. Sawyer. 2,388,711; Nov. 13.
Boat, seaplane, and the like. A. A. Apel. 2,367,323; Jan. 16.
Boats, Method and apparatus for forming small. A. G. Sherman. 2,372,521; Mar. 27.
Bob, Hooking. G. W. Johnson. 2,374,752; May 1.
Bobsled. J. W. Heagney. 2,388,145; Oct. 30.
Bobbin clutch for spindle blades. T. J. Risk. 2,366,653; Jan. 2.
Bobbin spinning apparatus. A. L. Jackson. 2,370,731; Mar. 6.
Bobbin, Yarn. J. Gomberg. 2,371,756; Mar. 20.
Bobbin magazine for weft replenishing looms. C. Darwin. 2,381,725; Aug. 7.
Bobbin magazine for weft replenishing looms. R. G. Turner. 2,381,790; Aug. 7.
Bobbin spinning machine and operation, Rayon. G. T. Loveridge and H. E. Carlson. 2,379,813; July 3.
Bobbins and the like, Method and apparatus for forming. W. F. Stahl. 2,375,704. May 8.
Bobbins, Treating. D. Marinsky and L. H. Morin. 2,369,592; Feb. 13.
Bodied oil and method. O. and G. Eisenschiml. 2,388,257; Nov. 6.
Body construction. E. H. Piron. 2,384,961; Sept. 18.
Body construction, Vehicle. D. G. Renno. 2,383,417; Aug. 21.
Body for apparatus or the like, particularly for photographic apparatus. J. Bolsey. 2,386,538; Oct. 9.
Body for trailers, Knockdown. J. J. Black. 2,382,376; Aug. 14.
Body maker, Can. N. Geertsen. 2,379,898; July 10.
Body maker, Can. J. F. Peters. 2,379,920; July 10.
Body mount. F. F. Kishline. 2,384,096; Sept. 4.
Body unit, Vehicle. R. A. Terry. 2,380,557; July 31.
Bogie for track laying or other vehicles, Articulated. V. G. Loyd. 2,386,620; Oct. 9.
Boiler: *See*—
Fire-tube boiler.
Range boiler.
Sectional boiler.
Steam boiler.
Waste heat boiler.
Boiler. G. I. Carter. 2,370,145; Feb. 27.
Boiler. C. D. Gibbs and R. K. Miller. 2,379,227; June 26.
Boiler. J. F. Livingood. 2,378,308; June 12.
Boiler-absorber. N. Erland af Kleen. 2,384,460; Sept. 11.
Boiler amplifier. M. C. Crotty. 2,386,842; Oct. 16.
Boiler cleaner. L. J. Bayer. 2,367,656; Jan. 23.
Boiler conditioning apparatus. F. W. Miller. Re. 22,590; Jan. 16.
Boiler construction. J. W. Throckmorton and J. S. Wallis. 2,375,505; May 8.
Boiler control, Steam. J. L. Pinkerton. 2,385,161; Sept. 18.
Boiler feed pump. W. E. Thomas. 2,379,841; July 3.
Boiler feed pump control. I. J. Karassik. 2,372,087; Mar. 20.
Boiler feed regulating apparatus. J. Loumiet et Lavigne. 2,377,254; May 29.
Boiler feed water regulation. J. A. Campbell. 2,376,029; May 15.
Boiler feedwater treatment process. T. L. Pankey and C. E. Imhoff. 2,382,902; Aug. 14.
Boiler steam baffling and dry pipe. C. A. Bonvillian, R. C. Brierly, and S. Letvin. 2,387,239; Oct. 23.
Boiler tube scraper. J. Zilliox. 2,377,598; June 5.
Bolt. S. T. and F. L. Farrell. 2,391,232; Dec. 18.
Bolt. W. H. Pumphrey. 2,388,658; Nov. 6.
Bolt action pump gun. W. B. Goff. 2,368,708; Feb. 6.
Bolt actuating mechanism for bolt action firearms. E. A. Shaffnit. 2,387,413; Oct. 23.
Bolt and mounting therefor. J. A. MacLean, Jr. 2,383,068; Aug. 21.
Bolt and mounting therefor. F. W. Shultz. 2,379,752; July 3.
Bolt and nut, Blind fastening. D. C. Benton. 2,385,126; Sept. 18.
Bolt, Cold rolled grip. E. J. Cole. 2,380,944; Aug. 7.
Bolt for door latches, Rotary. R. I. Schonitzer 2,374,840; May 1.
Bolt lock device. F. G. Beuer. 2,370,223; Feb. 27.
Bolt, Sleeve. M. Watter. 2,386,729; Oct. 9.
Bolt, Stake. J. J. Tomalis. 2,377,114; May 29.
Bolter drive. W. E. Norvell. 2,374,451; Apr. 24.
Bolting up double windows connected with one another. J. E. Lundholm. 2,389,375; Nov. 20.
Bomb. C. S. Allen, Jr. 2,388,459; Nov. 6.
Bomb. S. W. Firth. 2,372,264; Mar. 27.
Bomb, Aerial. C. H. Brown. 2,376,227; May 15.
Bomb, Aerial. J. L. Scott. 2,379,257; June 26.
Bomb and gun sight head, Combination. E. E. Flint. 2,367,207; Jan. 16.
Bomb, Artillery. D. J. Campbell. 2,375,522; May 8.
Bomb casing. J. C. Whitesell, Jr. 2,366,374; Jan. 2.
Bomb control unit. G. F. Towner. 2,378,259; June 12.
Bomb displacing gear. G. A. Bronson. 2,386,839; Oct. 16.
Bomb ejector. J. J. DiCarlo. 2,375,351; May 8.
Bomb equipment, Aircraft. E. I. Fenton. 2,376,994; May 29.
Bomb handling device. W. F. Wende. 2,366,820; Jan. 9.
Bomb, Incendiary. T. M. Finley. 2,385,502; Sept. 25.
Bomb installation. D. C. Rowe and S. T. Payne. 2,386,348; Oct. 9.
Bomb loading press. F. C. Wilson. 2,373,799; Apr. 17.
Bomb, Low altitude. J. H. Strong. 2,377,587; June 5.
Bomb protector. G. J. Frederick. 2,381,534; Aug. 7.
Bomb rack. J. Hojnowski. 2,371,994; Mar. 20.
Bomb rack. G. H. Leland. 2,379,364; June 26.
Bomb rack. G. H. Leland. 2,389,202; Nov. 20.

Bomb rack. J. O. York and J. C. Winslow. 2,374,066; Apr. 17.
Bomb rack control, Interconnected. D. S. and E. F. Lewis. 2,376,157; May 15.
Bomb release. L. J. Eyler. 2,391,012; Dec. 18.
Bomb release system. Z. A. M. Burreson. 2,374,978; May 1.
Bomb shackle operating mechanism. D. S. Elliott. 2,380,737; July 31.
Bomb sight. E. W. Chafee and H. C. Van Auken. 2,371,606; Mar. 20.
Bomb, Thermit. R. C. Hurrey. 2,391,242; Dec. 18.
Bombing apparatus for aircraft. H. J. Nichols. 2,374,885; May 1.
Bombs, Incendiary. S. B. Hamilton. 2,383,720; Aug. 28.
Bond, Making bi-metal. R. D. Pike. 2,370,108; Feb. 20.
Bond tightener and sealer. M. S. Harris. 2,389,777; Nov. 27.
Bonding composition, Aqueous. P. H. Rhodes. 2,385,374; Sept. 25.
Bonding metals, Process of and apparatus of. A. Longoria. 2,377,163; May 29.
Bone black, Treating. V. R. Deitz. 2,369,139; Feb. 13.
Bonnet, Reversible. I. Turchin. 2,367,074; Jan. 9.
Book: *See*—
Match book.
Book. H. E. Kallmann. 2,369,572; Feb. 13.
Book, Animated. G. J. Zaffo and A. Dutch. 2,372,349; Mar. 27.
Bookbinding. O. W. Sutter. 2,366,572; Jan. 2.
Bookbinding. R. A. Williams. 2,371,566; Mar. 13.
Book, Combination miner's check. J. A. Daly. 2,391,136; Dec. 18.
Bookkeeping machine. K. Aurbach. 2,387,554; Oct. 23.
Book lamp. J. Cohen. 2,377,538; June 5.
Book, magazine, pamphlet, or the like. H. H. Moreton. 2,367,136; Jan. 9.
Bookmark. L. Germain. 2,388,736; Nov. 13.
Bookmark. A. Pascoo. 2,387,607; Oct. 23.
Book mounting. H. P. Botts. 2,375,190; May 8.
Book, Multiple payment coupon. E. A. Kelly. 2,391,054; Dec. 18.
Book rest and holder, Collapsible. P. H. Thompson. 2,388,771; Nov. 13.
Book rest, Folding. J. H. H. Tiryakian. 2,373,617; Apr. 10.
Book signature feeding method. C. Schramm. 2,390,901; Dec. 11.
Bookstand. P. J. Brennan. 2,374,409; Apr. 24.
Book, Supplement. M. H. Harris. 2,386,740; Oct. 9.
Book toy. R. L. Ralston. 2,367,373; Jan. 16.
Boom. H. Cohen. 2,377,758; June 5.
Boom for industrial trucks, Detachable. J. B. Ulm. 2,386,759; Oct. 16.
Boom for load handling machines. R. H. Zeilman. 2,382,767; Aug. 14.
Boom head. E. W. Taylor and P. Nielsen. 2,368,333; Jan. 30.
Boom stop. T. W. Thomas. 2,376,019; May 15.
Booster for turret lathes, Chucking. W. W. Jenkins. 2,366,908; Jan. 9.
Booster pump. J. A. Compton. 2,370,778; Mar. 6.
Booster regulator. F. H. Farmer. 2,381,271; Aug. 7.
Booster, Thin swath. W. G. Anderson. 2,391,763; Dec. 25.
Booster unit. E. Orshansky, Jr. 2,376,804; May 22.
Boot and shoe. S. J. Jarrell. 2,391,707; Dec. 25.
Boot and shoe. E. I. La Chapelle. 2,377,635; June 5.
Boot construction. E. M. Bonyhady. 2,378,461; June 19.
Boot holder. H. W. Hill. 2,383,651; Aug. 28.
Boot or shoe hanger. W. G. Stamm. 2,376,097; May 15.
Boot, Rubber. F. H. Martin. 2,377,022; May 29.
Boots and shoes and outsoles therefor. G. Supple. 2,381,937; Aug. 14.
Border filler and temporary dam forming machine, Irrigation. G. Loomis. 2,367,412; Jan. 16.
Bore gauge. J. H. Worthen. 2,385,122; Sept. 18.
Bore hole casings or the like, Method and apparatus for determining current flow in. W. H. Stewart. 2,371,658; Mar. 20.
Borehole indicating apparatus. G. L. Hassler. 2,380,520; July 31.
Borehole logging method and apparatus. D. G. C. Hare. 2,374,197; Apr. 24.
Borehole radio activity, Method and apparatus for dynamic measurement. S. Krasnow. 2,371,628; Mar. 20.
Bore holes, Method and apparatus for logging. D. G. C. Hare. 2,369,672; Feb. 20.
Bore holes, Method and apparatus for logging. D. G. C. Hare. 2,370,162; Feb. 27.
Boreholes, Method and apparatus for logging. G. Herzog. 2,378,408; June 19.
Boresighting adapter. J. H. Klopp, E. R. Koscera, and H. F. Finke. 2,367,288; Jan. 16.
Bore sighting apparatus. J. C. Christian and R. T. Seymour. 2,380,501; July 31.
Bores, Electrical logging of well. A. L. Smith. 2,371,270; Mar. 13.
Boring and milling machine. H. F. Phillips. 2,367,887;
Boring bar. F. M. O'Brien, Jr. 2,391,794; Dec. 25.
Boring bar. J. Wanelik. 2,369,875; Feb. 20.
Boring bar. E. A. Zempel. 2,380,627; July 31.
Boring bar holder. G. E. Terwilliger. 2,366,370; Jan. 2.
Boring head. F. W. Hack. 2,372,376; Mar. 27.
Boring head. R. G. Le Torneau. 2,367,292; Jan. 16.
Boring machine. L. R. Williamson. 2,370,384; Feb. 27.
Boring machine, Horizontal. C. B. De Vlieg. 2,391,398; Dec. 25.
Boring tool. D. Seiter. 2,382,510; Aug. 14.
Boring tool. D. Seiter. 2,383,688; Aug. 28.
Boring tool. V. E. Smith. 2,372,027; Mar. 20.
Boring tool setting gauge. A. H. Talbot and H. H. Kroh. 2,375,448; May 8.
Boron fluoride, Recovering. E. L. Baldeschwieler and P. J. Gaylor. 2,381,027; Aug. 7.
Boron fluoride recovery. A. L. Rummelsburg. 2,374,957–8; May 1.
Boron fluoride recovery process. W. N. Axe. 2,378,968; June 26.
Boron trichloride, Manufacturing. H. S. Cooper. 2,369,212; Feb. 13.
Boron trichloride, Purifying. H. S. Cooper. 2,369,214; Feb. 13.
Boss forming process. T. W. Lowery. 2,373,901; Apr. 17.
Bottle. A. Fevas. 2,378,205; June 12.
Bottle. M. Harrison. 2,370,535; Feb. 27.
Bottle and the like, Authenticating device for filled. F. W. Farrell. 2,368,815; Feb. 6.
Bottle cap. V. Guarnaschelli. 2,388,050; Oct. 30.
Bottle case. H. L. Chapman. 2,375,467; May 8.
Bottle capper, Hand. H. A. Harder. 2,366,524; Jan. 2.
Bottle carrier. E. L. Arneson. 2,382,844; Aug. 14.
Bottle carrier. J. F. De Villard. 2,375,631; May 8.
Bottle carrier. H. J. Fischer. 2,383,183; Aug. 21.
Bottle carrier. G. H. Hutaff, Jr. 2,386,859; Oct. 16.
Bottle carrier. H. Leggett and Z. J. Pucci. 2,385,997; Oct. 2.
Bottle carrier. E. H. Lupton. 2,384,480; Sept. 11.
Bottle carrier. E. E. Morgan. 2,378,026; June 12.
Bottle carrier. E. C. Potter. 2,371,312; Mar. 13.
Bottle carrier. E. C. Potter. 2,373,851; Apr. 17.
Bottle carrier. W. A. Ringler. 2,371,317; Mar. 13.
Bottle carrier. J. Robinson, Jr., and M. L. Seibert. 2,377,520; June 5.
Bottle carrier. B. Rothstein. 2,371,471; Mar. 13.
Bottle carrier. A. Wesselman. 2,390,020; Nov. 27.
Bottle carrier. H. L. Whitacre. 2,372,871; Apr. 3.
Bottle cleaning apparatus. E. R. Becker. 2,385,050; Sept. 18.
Bottle closure. J. F. Millard. 2,389,072; Nov. 13.
Bottle closure and wick, Combined. M. Gelfand. 2,376,046; May 15.
Bottle conveyer. F. Gettelman. 2,369,557; Feb. 13.
Bottle, Dispensing. H. R. Stott. 2,370,820; Mar. 6.
Bottle disposal rack. G. F. Albrecht. 2,384,870; Sept. 18.
Bottle, Double-mouthed. F. H. Wheaton, Jr. 2,383,098; Aug. 21.
Bottle filler and capper machine. R. F. Dorrell. 2,383,781; Aug. 28.
Bottle filling machine, Irradiating. S. C. Whitman. 2,384,778; Sept. 11.
Bottle heater. R. R. Fisher. 2,370,238; Feb. 27.
Bottle holder. E. L. Arneson. 2,372,351; Mar. 27.
Bottle holder. S. N. Lebold. 2,389,318; Nov. 20.
Bottle mouth and stopper, Conjoint. E. R. Walsh and H. C. Ward. 2,367,908; Jan. 23.
Bottle, Nursing. J. H. Boxley. 2,379,562; July 3.
Bottle packaging machine. J. Cattonar and G. Olm. 2,371,026–7; Mar. 6.
Bottle reclaiming machine. A. S. Waters. 2,373,932; Apr. 17.
Bottle removing apparatus. E. Ardell. 2,368,796; Feb. 6.
Bottle vending machine. C. V. Rice and D. M. Kitterman. 2,371,316; Mar. 13.
Bottle washing machinery. C. L. Trier and J. W. Fogg. 2,367,652; Jan. 16.
Bottles, Machine for vending. J. E. Stewart. 2,389,283; Nov. 20.
Bottom hole intermitter. C. M. O'Leary. 2,368,999; Feb. 6.
Bouillon, Granular. S. Hermann, M. H. Hahn, and H. H. Dorer. 2,376,485–6; May 22.
Bowknot, Permanent. M. Lewis. 2,376,259; May 15.
Bowl, Centrifugal. A. E. Flowers. 2,369,822; Feb. 20.
Bowl, Centrifugal separating. H. O. Lindgren and H. Thylefors. 2,378,778; June 19.
Bowling alley. Q. Hansley. 2,372,572; Mar. 27.
Bowling alley. J. Janes. 2,367,400; Jan. 16.
Bowling alley. R. E. Kennedy. 2,375,663; May 8.
Bowling alley. H. Sebell. 2,380,337; July 10.
Bowling ball. G. Keith. 2,372,958–9; Apr. 3.
Bowling pin setter. R. E. Rundell. 2,388,707; Nov. 13.
Bowling pin setting machine control mechanism. R. E. Rundell. 2,383,017; Aug. 21.
Bowling score projector. J. B. Coker. 2,381,260; Aug. 7.
Bowstring relay. E. U. Powell. 2,381,309; Aug. 7.

Box: *See*—
Collapsible box.
Core box.
Foldable box.
Foldable cardboard box.
Fuse packing box.
Greaseproof folding box.
Jewelry box.
Journal box
Knockdown box.
Lead screw gear threading box.
Lunch box.
Mail box.
Ornamental box.
Outlet box.
Peephole box.
Powder box.
Release box.
Self-sealing stuffing box.
Shipping box.
Stuffing box.
Tablet box.
Ventilated shipping box.

Box. R. V. Burdick. 2,379,679; July 3.
Box. R. V. Burdick. 2,379,680; July 3.
Box. R. Guyer. 2,374,539; Apr. 24.
Box. M. P. Junkin. 2,370,967; Mar. 6.
Box. M. P. Junkin. 2,388,267; Nov. 6.
Box. R. B. Meller. 2,366,419; Jan. 2.
Box. F. C. Shina. 2,373,423; Apr. 10.
Box. W. J. Tyrseck. 2,367,476; Jan. 16.
Box. J. H. Vineberg. 2,387,482; Oct. 23.
Box arrangement for electrical wiring system, Outlet. E. H. Rugg. 2,374,622; Apr. 24.
Box construction. W. F. Newhouse. 2,391,032; Dec. 18.
Box corners and reinforcement therefor, Reinforcing. D. E. Clark. 2,376,660; May 22.
Box covering machine. W. B. Betts. 2,369,940; Feb. 20.
Box extension, Outlet. L. H. Peevey. 2,378,861; June 19.
Box for electrical terminals, Connection. R. I. Schonitzer, E. L. Allen and H. B. Muster. 2,383,518; Aug. 28.
Box for electrical terminals, Connection. R. I. Schonitzer, E. L. Allen and H. B. Muster. 2,383,621; Aug. 28.
Box for inflatable suits, Detachable junction. R. S. Colley and C. P. Krupp. 2,389,895; Nov. 27.
Box for lathes, Roller. C. S. Harris. 2,389,853; Nov. 27.
Box for the heat-treatment of ferrous material, Packing. F. A. Endress. 2,385,407; Sept. 25.
Box-magazine construction for repeating firearms. C. G. Swebilius. 2,372,614; Mar. 27.
Box magazine latch mechanisms for repeating firearms. H. H. Sefried, II. 2,386,722; Oct. 9.
Boxmaking apparatus. C. D. Knowlton. 2,381,961; Aug. 14.
Box opening machine. A. LeBeau. 2,379,090; June 26.
Box or container. K. T. Buttery. 2,372,312; Mar. 27.
Box structure, Collapsible. F. V. Powell. 2,384,559; Sept. 11.
Box switch. J. A. Hallander. 2,383,546; Aug. 28.
Box toe cap. F. N. La Chapelle. 2,379,010; June 26.
Box toe material and making the same. J. W. Wiley. 2,378,674; June 19.
Box wrench clip. N. Thompson. 2,368,902; Feb. 6.
Boxes, Forming cardboard. C. F. Klein. 2,387,272; Oct. 23.
Boxes, Staying paper. C. Straw. 2,367,698; Jan. 23.
Brace, End load. E. B. Johnson. 2,369,784; Feb. 20.
Brace, Furniture. S. Di Grado and C. C. Greco. 2,373,818; Apr. 17.
Brace, Sway. A. J. Loepsinger. 2,372,214; Mar. 27.
Bracelet, Extensible. S. Levine. 2,371,765; Mar. 20.
Bracket: *See*—
Adjustable bracket.
Brake support bracket.
Curtain bracket.
Fire hose safety bracket.
Floodlight bracket.
Orthodontic bracket.
Shade and curtain bracket.
Stud, rafter, and joist bracket.
Swing bracket.
Truss bracket.

Bracket and attachment, Hinge. H. D. Wimer, Jr., and F. P. Bender. 2,376,745; May 22.
Bracket for roof boards. J. Kott. 2,388,420; Nov. 6.
Bracket for shades or curtains, Window casing. A. Letoile. 2,382,887; Aug. 14.
Bracket for supporting Venetian blinds. C. H. Wood. 2,369,098; Feb. 6.
Braille teaching device. E. S. Wessborg. 2,371,325; Mar. 13.
Brake: *See*—
Airplane brake.
Auto trailer brake.
Band iron brake.
Car truck brake.
Clasp brake.
Disk brake.
Door closure with oil brake.
Dual brake.
Dual wheel brake.
Fishing line reel brake.
Fluid-actuated brake.
Fluid brake.
Fluid pressure brake.
Hand brake.
Heavy disk brake.
Hoist load brake.
Holding brake.
Hydraulic brake.
Industrial brake.
Internal shoe drum brake.
Liquid cooled brake.
Multiple disk brake.
Propeller shaft brake.
Railway brake.
Rotor brake.
Truck brake.
Universal machine head brake.
Variable load brake.
Vehicle brake.
Wheel brake.

Brake. G. D. Brimble. 2,368,517; Jan. 30.
Brake. R. W. Brown. 2,381,393; Aug. 7.
Brake. A. L. Christiansen. 2,385,689; Sept. 25.
Brake. A. A. Coe. 2,374,526; Apr. 24.
Brake. A. S. Edmonds. 2,381,654–5; Aug. 7.
Brake. J. A. Forbes. 2,384,614; Sept. 11.
Brake. J. A. Forbes. 2,386,453; Oct. 9.
Brake. J. François. 2,372,319; Mar. 27.
Brake. R. A. Goepfrich. 2,367,115; Jan. 9.
Brake. R. A. Goepfrich. 2,372,322; Mar. 27.
Brake. R. A. Goepfrich. 2,374,536; Apr. 24.
Brake. R. A. Goepfrich. 2,376,686; May 22.
Brake. R. A. Goepfrich. 2,384,297; Sept. 4.
Brake. R. A. Goepfrich. 2,389,618; Nov. 27.
Brake. R. A. Goepfrich and B. E. House. 2,381,737; Aug. 7.
Brake. R. A. Goepfrich and J. W. White. 2,379,144; June 26.
Brake. J. G. Hawley. 2,371,168; Mar. 13.
Brake. H. J. and F. A. Hirschman. 2,389,311; Nov. 20.
Brake. B. E. House. 2,381,746; Aug. 7.
Brake. E. A. Mollenhauer. 2,374,117; Apr. 17.
Brake. J. G. Oetzel. 2,378,943; June 26.
Brake. R. C. Pierce. 2,386,907; Oct. 16.
Brake. O. Rasmussen. 2,385,540; Sept. 25.
Brake. P. A. Scott-Iversen. 2,371,554; Mar. 13.
Brake. J. Sneed. 2,369,320; Feb. 13.
Brake. J. Sneed. 2,376,828; May 22.
Brake. W. Stelzer. 2,375,392; May 8.
Brake. W. Stelzer. 2,377,277; May 29.
Brake. W. Stelzer. 2,385,168; Sept. 18.
Brake. A. O. Williams. 2,388,104; Oct. 30.
Brake. E. Zipper. 2,376,889; May 29.
Brake actuating means. R. A. Goepfrich. 2,376,685; May 22.
Brake actuating means, Making. R. A. Goepfrich. 2,381,736; Aug. 7.
Brake adjusting means, Motor. G. J. Meyer and C. M. Ploetz. 2,368,317; Jan. 30.
Brake adjusting mechanism. C. G. Keller. 2,377,014; May 29.
Brake and die set, Power press. F. H. Leslie. 2,382,077; Aug. 14.
Brake and power interlock apparatus. E. S. Cook. 2,381,208; Aug. 7.
Brake apparatus, Fluid pressure. J. Canetta and C. F. Hammer. 2,369,945; Feb. 20.
Brake apparatus, Fluid pressure. G. T. McClure. 2,379,308; June 26.
Brake applying means. A. O. Williams. 2,374,909; May 1.
Brake arrangement. P. W. Gaenssle. 2,383,376; Aug. 21.
Brake arrangement. A. H. Oelkers. 2,371,108; Mar. 6.
Brake assembly, Pear peeler stemming tube. G. A. Dunn. 2,380,954; Aug. 7.
Brake construction. E. L. Hollowell and M. T. Burk. 2,375,415; May 8.
Brake construction. A. O. Williams. 2,386,023; Oct. 2.
Brake control device. C. L. Eksergian and J. H. Coombes. 2,369,726; Feb. 20.
Brake control for vehicle trains. F. G. Born and J. G. Oetzel. 2,377,318; June 5.
Brake control mechanism. R. B. Grontkowski. 2,391,017; Dec. 18.
Brake control system. C. M. Hines. 2,369,968; Feb. 20.
Brake control valve. G. H. Hufferd. 2,375,110; May 1.
Brake control valve device. R. T. Whitney. 2,374,061; Apr. 17.
Brake controlling device. L. Wallerstein, Jr. 2,370,597; Feb. 27.
Brake cooling for centrifugals and the like. E. Roberts. Re. 22,686; Oct. 30.
Brake cylinder release means. S. G. Down. 2,383,242; Aug. 21.
Brake equalizer. J. A. Hicks. 2,382,223; Aug. 14.
Brake equipment, Railway. J. E. Smith. 2,373,425; Apr. 10.
Brake for crawler tracks. R. Q. Armington. 2,389,289; Nov. 20.
Brake for fishing reels. J. Margis, Jr. 2,374,551; Apr. 24.
Brake for heavy vehicles. I. R. Valentine. 2,379,767; July 3.
Brake for hoists. E. B. Lear. 2,382,644; Aug. 14.
Brake hanger. F. Schaefer. 2,373,420; Apr. 10.
Brakehead and brake beam adapter. M. S. Johnson. 2,382,794; Aug. 14.
Brakehead balancing device. N. Flesch. 2,387,132; Oct. 16.
Brake head balancing device. C. E. Tack. 2,380,803; July 31.
Brake hitch and release. J. Hovorka. 2,385,516; Sept. 25.
Brake lever assembly. H. S. Jandus. 2,377,690; June 5.
Brake lever control. H. S. Jandus. 2,377,691; June 5.
Brake mechanism. H. W. Alden, L. R. Buckendale, and R. K. Super. Re. 22,604; Feb. 20.
Brake mechanism. R. L. Barr. 2,387,711; Oct. 30.
Brake mechanism. F. W. Burger. 2,379,276; June 26.
Brake mechanism. A. C. Chambers. 2,391,129; Dec. 18.
Brake mechanism. J. H. Coombes. 2,382,543; Aug. 14.
Brake mechanism. H. F. Eby. 2,371,158; Mar. 13.
Brake mechanism. C. L. Eksergian. 2,382,551; Aug. 14.
Brake mechanism. C. L. Eksergian. 2,383,374; Aug. 21.
Brake mechanism. C. L. Eksergian and J. H. Coombes. 2,382,552; Aug. 14.
Brake mechanism. C. L. Eksergian and P. W. Gaenssle. 2,382,553–4; Aug. 14.
Brake mechanism. C. L. Eksergian and P. W. Gaenssle. 2,383,375; Aug. 21.
Brake mechanism. J. M. English. 2,376,042; May 15.
Brake mechanism. W. H. Farr. 2,374,853; May 1.
Brake mechanism. E. R. Fitch. 2,374,855; May 1.

Brake mechanism. T. B. Funk. 2,389,972; Nov. 27.
Brake mechanism. P. W. Gaenssle. 2,374,859; May 1.
Brake mechanism. P. W. Gaenssle and R. G. Stacy. 2,382,870; Aug. 14.
Brake mechanism. J. G. Oetzel. Re. 22,598; Feb. 6.
Brake Mechanism. W. R. Spiller. Re. 22,586; Jan. 2.
Brake mechanism. H. Walker. 2,389,096; Nov. 13.
Brake mechanism. C. H. White. 2,382,192; Aug. 14.
Brake mechanism, Adapter. H. T. Lambert. 2,379,972; July 10.
Brake mechanism, Drop staff. J. Wilson. 2,371,326; Mar. 13.
Brake mechanism for baby carriages. S. and N. J. Kroll. 2,389,671; Nov. 27.
Brake mechanism for railway vehicles. R. E. Beegle. 2,372,703; Apr. 3.
Brake mechanism, Hydraulic. R. J. Klimkiewicz. 2,377,699; June 5.
Brake mechanism, Safety. E. E. Stevenson. 2,371,857; Mar. 20.
Brake mechanism, Vehicle. I. W. Simpkins and E. R. Nelson. 2,369,259; Feb. 13.
Brake operating mechanism. L. T. Freeman and R. H. Shively. 2,379,796; July 3.
Brake operating mechanism. L. T. Freeman and R. H. Shively. 2,385,621–2; Sept. 25.
Brake operating mechanism, Hydraulic. J. G. Ingres. 2,374,545; Apr. 24.
Brake operator. B. H. Mossinghoff. 2,372,842; Apr. 3.
Brake or clutch. H. T. Kraft. 2,386,477; Oct. 9.
Brake release valve. O. E. Hamrick. 2,388,538; Nov. 6.
Brake releasing apparatus. R. T. Whitney. 2,369,994; Feb. 20
Brake releasing apparatus. R. T. Whitney. 2,379,329; June 26.
Brake releasing apparatus. R. T. Whitney. 2,381,239; Aug. 7.
Brake rotor. C. L. Heater. 2,368,985; Feb. 6.
Brake rotor. C. E. Tack. 2,368,621; Feb. 6.
Brake shoe adjusting means. S. Schnell. 2,380,795; July 31.
Brake shoe assembling and disassembling device. M. H. Williams. 2,391,213; Dec. 18.
Brake shoes, Centralizing. S. Schnell. 2,391,074; Dec. 18.
Brake structure. R. D. Kisby. 2,377,430; June 5.
Brake support. P. W. Gaenssle. 2,377,140; May 29.
Brake support bracket. N. Flesch. 2,378,358; June 12.
Brake system. L. A. Majneri and W. A. Wiseman. 2,366,921; Jan. 9.
Brake system for connected vehicles. G. Keith. 2 380,765; July 31.
Brake testing apparatus. A. Brunner. 2,370,141; Feb. 27.
Brake valve device. E. E. Hewitt. 2,389,048; Nov. 13.
Brakes, Fluid motor for dual. L. G. Naumann. 2,367,734; Jan. 23.
Brakes on trailer vehicles, Controlling. J. Rodway. 2,370,582; Feb. 27.
Braking apparatus. R. B. Pogue. 2,378,100; June 12.
Braking device. H. E. Davidson. 2,389,031; Nov. 13.
Braking device, Automatic. C. M. Jameson. 2,381,755; Aug. 7.
Braking device for airplanes. A. D. Hansson. 2,384,997; Sept. 18.
Braking mechanism. C. J. Whitacre. 2,380,814; July 31.
Braking system. W. F. Boldt. 2,373,450; Apr. 10.
Braking system. W. R. Freeman. 2,366,608; Jan. 2.
Braking system. S. Schnell. 2,382,263; Aug. 14.
Braking system. W. Stelzer. 2,373,272; Apr. 10.
Braking system control means. W. F. Boldt. 2,366,173; Jan. 2.
Braking system for assisting vehicle steering. A. N. Milster. 2,366,207; Jan. 2.
Braking system for automotive vehicles. W. E. Chilton. 2,387,716; Oct. 30.
Braking system, Tractor-trailer. E. R. Price. 2,387,942; Oct. 30.
Branched stream control. C. L. Savidge. 2,380,676; July 31.
Brassière. M. Berns. 2,373,095; Apr. 10.
Brassière. N. Blum. 2,378,906–8; June 26.
Brassière. E. W. Gluckin. 2,374,093; Apr. 17.
Brassière. H. Gluckin. 2,388,535; Nov. 6.
Brassière. I. F. Hill. 2,391,417; Dec. 25.
Brassière. L. Hunau. 2,367,353; Jan. 16.
Brassière. L. Kaunitz. 2,383,804; Aug. 28.
Brassière. A. Licht. 2,380,978; Aug. 7.
Brassière. A. Miller. 2,388,757; Nov. 13.
Brassière. M. E. Moy. 2,389,450; Nov. 20.
Brassière. R. M. Reid. 2,372,855; Apr. 3.
Brassière. M. Witkower. 2,386,531; Oct. 9.
Brassière. M. Witkower. 2,390,142; Dec. 4.
Brassière, Nursing. M. Witkower. 2,386,530; Oct. 9.
Brazing. T. G. Crawford. 2,369,537; Feb. 13.
Brazing. F. E. Weick and C. De Boer. 2,366,164; Jan. 2.
Brazing alloy. W. A. Dean. 2,376,577–8; May 22.
Breadmaking machine. M. A. Olgiati. 2,382,657; Aug. 14.
Breaker: *See*—
Circuit breaker.
Breaker and valve, Siphon. J. D. Langdon. 2,382,427; Aug. 14
Breaker arm jig. G. Kells. 2,374,601; Apr. 24.
Breaker, Circuit. J. D. Hilliard. 2,381,592; Aug. 7.
Breakwater for seaplanes, flying boats and for other uses, Floating. E. W. McVitty. 2,388,171; Oct. 30.
Breather, Spark plug. H. C. Whittaker. 2,370,599; Feb. 27.
Breathing apparatus. G. M. Deming. 2,387,123; Oct. 16.
Breech-closing means for self-loading firearms. F. L. Humeston. 2,373,761; Apr. 17.
Breech mechanism for firearms. H. D. Penney. 2,370,189; Feb. 27.
Brew cooling. F. G. Merckel. 2,376,373; May 22.
Brewer and filter, Beverage. H. B. Wolper. 2,376,410; May 22.
Brewer, Coffee. J. G. Francis. 2,387,322; Oct. 23.
Briar for pipe manufacture, Curing. D. P. Lavietes. 2,367,360; Jan. 16.
Brick, Semisilica. H. M. Kraner. 2,384,180; Sept. 4.
Bridge and hanger system. G. A. Maney. 2,380,183; July 10.
Bridge and making the same, Rigid frame. E. M. Wichert. 2,373,072; Apr. 3.
Bridge for fastener devices. A. Venditty. 2,367,812; Jan. 23.
Bridge for goggle frames, Adjustable connecting. C. Fischer. 2,386,175; Oct. 9.
Bridge or crane, Interlocking transfer. F. W. Everard. 2,383,051; Aug. 21.
Bridge, Portable. R. G. Le Tourneau. 2,367,291; Jan. 16.
Bridge structure, Portable. J. M. Guthrie. 2,382,478; Aug. 14.
Bridge, Suspension. W. C. Whitnall. 2,368,907; Feb. 6.
Bridges and other metal frame structures, Construction of. D. C. Bailey. 2,376,023; May 15.
Bridging plug. G. F. Turechek. 2,382,455; Aug. 14.
Bright dip. H. R. Dittmar. 2,382,865; Aug. 14.
Briquet and manufacturing same. E. S. Mead. 2,370,060; Feb. 20.
Briquette, Detergent. J. D. MacMahon. 2,382,163–5; Aug. 14.
Briquettes for alloying. A. Linz. 2,381,675; Aug. 7.
Briquetting press. P. E. Flowers. 2,384,163; Sept. 4.
Broach sharpening machine. H. H. Gotberg. 2,388,785; Nov. 13.
Broach, Surface. J. A. Markstrum. 2,390,722; Dec. 11.
Broach, Tube sizing. J. Y. Blazek. 2,388,948; Nov. 13.
Broaching apparatus. L. B. Green. 2,382,628; Aug. 14.
Broaching apparatus. F. W. Helming. 2,387,582; Oct. 23.
Broaching machine. O. W. Bonnafe. 2,373,995; Apr. 17.
Broaching machine. O. W. Bonnafe. 2,386,838; Oct. 16.
Broaching machine. F. J. Lapointe and J. W. Podesta. 2,371,053; Mar. 6.
Broaching machine. B. Welte. 2,385,119; Sept. 18.
Broaching machine, Horizontal. O. W. Bonnafe. 2,386,837; Oct. 16.
Broiler. S. S. Rubenstein. 2,386,815; Oct. 16.
Broiler, Electric. H. E. Brannon. 2,386,426; Oct. 9.
Broiling apparatus, Rotatable. W. H. Stangle. 2,387,621; Oct. 23.
Broken filament counter. J. L. Michaelson. 2,367,958; Jan. 23.
Broken studs, Removing. E. A. Fuglie. 2,391,405; Dec. 25.
Bromine, Absorption of. A. T. Williamson and F. Bradley. 2,388,586; Nov. 6.
Bromine extraction. J. J. Grebe, W. C. Bauman, and H. A. Robinson. 2,371,886; Mar. 20
Bronzing apparatus. A. Bell. 2,373,991; Apr. 17.
Brooch, Illuminated. J. H. O'Donnell. 2,374,375; Apr. 24.
Brooder. J. D. Burkholder, Jr. 2,385,682; Sept. 25.
Brooder. O. B. Kerr. 2,388,157; Oct. 30.
Broom, Cleaning. J. Friedel. 2,388,356; Nov. 6.
Brucine-lacone compound. M. Tishler and R. H. Beutel. 2,390,281; Dec. 4.
Brush: *See*—
Power-operated tooth brush.
Brush. E. Berheim. 2,385,490; Sept. 25.
Brush. H. D. Haase. 2,390,705; Dec. 11.
Brush and brush material. R. O. Peterson. 2,388,867; Nov. 13.
Brush assembly. R. M. Nardone. 2,381,982; Aug. 14.
Brush, Car washing. H. B. Caldwell. 2,372,933; Apr. 3.
Brush, Commutator. M. F. Peters. 2,375,818; May 15.
Brush construction and mounting therefor. D. F. O. Wesemeyer. 2,379,205; June 26.
Brush, Dabbing. A. P. Cadeau. 2,382,541; Aug. 14.
Brush, Dabbing. C. G. Rowland. 2,367,650; Jan. 16.
Brush, Fountain. O. J. Herb. 2,382,314; Aug. 14.
Brush, Fountain. M. A. Kollmeyer. 2,385,865; Oct. 2.
Brush holder. L. D. Leach and L. G. Strom. 2,382,799; Aug. 14.
Brush holder. R. A. Manny. 2,382,894; Aug. 14.
Brush holder and combination tool. J. C. Honhart. 2,368,988; Feb. 6.
Brush making machine. L. E. Jones. 2,368,661; Feb. 6.
Brush, Massaging and shampooing scalp. H. L. Wilensky. 2,379,330; June 26.
Brush operating mechanism. R. M. Nardone. 2,377,260; May 29.
Brush, Sanitary. F. Satz and M. Berns. 2,373,711; Apr. 17.
Brush stitching machine. J. B. Wooster. 2,378,456; June 19.

Brush, Tooth. B. A. Babel. 2,386,085; Oct. 2.
Brushes and the like, Production of. R. F. Hayes. 2,390,437; Dec. 4.
Brushes, Making. O. W. Sticht. 2,391,077; Dec. 18.
Bubble cap. G. A. O'Brien. 2,391,502; Dec. 25.
Bubble cap. C. F. Ramseyer and F. W. de Jahn. 2,378,157; June 12.
Bubble forming device. I. McLaren. 2,382,949; Aug. 14.
Bubbling ornament, Illuminated. J. H. Kloner. 2,378,934; June 26.
Bucket and discharge device therefor, Spinning. H. E. Pape. 2,367,237; Jan. 16.
Bucket assembly, Centrifugal. H. D. Haley and J. J. Burke. 2,375,469; May 8.
Bucket assembly, Spinning. H. D. House. 2,391,781; Dec. 25.
Bucket, Automatic grab. P. T. Robin. 2,377,184; May 29.
Bucket, Centrifugal spinning. H. Crewdson. 2,367,338; Jan. 16.
Bucket, Centrifugal spinning. H. E. Pape. 2,367,339; Jan. 16.
Bucket, Elevator. B. B. Gemeny. 2,370,531; Feb. 27.
Bucket, Excavating. R. O. Billings. 2,382,955; Aug. 21.
Bucket for electric furnaces and the like, Charging. J. McIlwrick and O. Desjardins. 2,387,457; Oct. 23.
Bucket for exhaust turbine superchargers, Turbine. A. W. Merrick. 2,381,459; Aug. 7.
Bucket hanger. V. A. Thomas. 2,381,189; Aug. 7.
Buckle. M. H. Ballard. 2,380,383; July 31.
Buckle. A. Loos, Jr. 2,388,752; Nov. 13.
Buckle. F. E. Mefford. 2,386,251; Oct. 9.
Buckle. R. E. Schreiber. 2,384,197; Sept. 4.
Buckle. P. W. White and L. R. Ryan. 2,377,287; May 29.
Buckle and buckle connection. G. B. Wilson. 2,379,128; June 26.
Buckle construction. M. Zola. 2,368,283; Jan. 30.
Buckle, Recouping. M. H. Kanary. 2,386,473; Oct. 9.
Buckle, Safety. H. F. George. 2,369,225; Feb. 13.
Buffer for loom bobbin receivers. R. G. Turner. 2,380,807; July 31.
Buffing and polishing wheel. B. C. Case. 2,384,599; Sept. 11.
Buffing machine, Automatic multiple. P. J. Belcourt. 2,386,649; Oct. 9.
Buffing machine for rubberlike materials. F. S. Grover. 2,367,839; Jan. 23.
Builder mechanism. F. M. Roddy. 2,386,748; Oct. 16.
Builder motion. J. J. Sippel. 2,385,888; Oct. 2.
Builder motion. A. E. Winslow. 2,380,354; July 10.
Building block. E. T. Putnam. 2,375,384; May 8.
Building blocks, Making. L. Gelbman, E. F. Olsen, and A. B. Mays. 2,366,780; Jan. 9.
Building compositions, Preparing. A. Sommer. 2,372,230; Mar. 27.
Building construction. R. L. Davison. 2,372,187; Mar. 27.
Building construction. R. L. Davison. 2,372,768; Apr. 3.
Building construction. A. W. Hedgren. 2,388,968; Nov. 13.
Building construction. T. E. King. 2,377,788; June 5.
Building construction. J. Loewenstein. 2,380,600; July 31.
Building construction. W. V. Myer. 2,373,409; Apr. 10.
Building construction. A. G. Norden. 2,368,770; Feb. 6.
Building construction. W. B. North. 2,380,460; July 31.
Building construction. C. H. Sacks. 2,390,179; Dec. 4.
Building construction. H. P. Weierman. 2,372,919; Apr. 3.
Building construction. P. Westveer. 2,372,038; Mar. 20.
Building construction. R. B. Williamson. 2,378,275; June 12.
Building construction, Prefabricated. F. B. Forward. 2,375,910; May 15.
Building construction, Suspended. R. W. Marshall. 2,386,622; Oct. 9.
Building construction, Wooden. P. R. Goldman. 2,380,834; July 31.
Building element. C. W. Kraus. 2,384,686; Sept. 11.
Building element. O. Wack. 2,380,885; July 31.
Building form. V. H. Hasselquist and W. B. Freeman. 2,367,772; Jan. 23.
Building members, Manufacturing laminated. V. J. Winkel. 2,389,944; Nov. 27.
Building panel. C. V. Sweet. 2,381,469; Aug. 7.
Building siding material. H. C. Koch. 2,382,234; Aug. 14
Building slab and manufacture, Hollow precast. F. M. Crowe. 2,370,638; Mar. 6.
Building structure. B. E. Balduf. 2,389,573; Nov. 20.
Building structure. J. H. Brown. 2,390,418; Dec. 4.
Building structure. L. Deddo. 2,389,899; Nov. 27.
Building structure. J. E. Hazeltine, Jr. 2,371,049; Mar. 6.
Building structure. D. G. B. Hill. 2,376,695; May 22
Building structure. R. F. McCloskey, Jr., and M. C. Knabe. 2,378,567; June 19.
Building structure. A. Smith. 2,373,789; Apr. 17.
Building structure. P. L. Wiener. 2,382,361; Aug. 14.
Building structure, Apartment. G. H. Burrows. 2,383,445; Aug. 28.
Building structure, Interlocking. R. O. Sheldon. 2,384,198; Sept. 4.
Building tape, Means and method for cementing and applying. W. Petty. 2,366,674; Jan. 2.
Building tape, Method and device for applying. W. Petty. 2,366,675; Jan. 2.
Building unit and construction. M. O. Hafsos. 2,387,659; Oct. 23.
Building unit, Interlocking. E. O. Brostrom. 2,377,398; June 5.
Building units, Making sheet metal. C. R. Austin and G. H. Duncombe, Jr. 2,371,124; Mar. 13.
Bulk density of coke oven charges, Regulating the. F. D. Lohr, and G. V. McGurl. 2,378,420; June 19.
Bulldozer. E. B. Maloon and W. H. Yount. 2,375,483; May 8.
Bulldozer. T. R. Paulsen. Re. 22,613; Mar. 6.
Bulldozer and shovel, Combination. W. A. Maxwell. 2,387,764; Oct. 30.
Bullet handling apparatus. R. W. Vergobbi. 2,376,293; May 15.
Bullet, Tracer. N. K. Turnbull. 2,381,474; Aug. 7.
Bullets, Making. J. H. Friedman. 2,379,701; July 3.
Bullets, Packing. R. W. Vergobbi. 2,389,285; Nov. 20.
Bunch locating and transfer mechanism. J. F. Halstead. 2,389,256; Nov. 20.
Bundle for rail anchors, Shipping. F. A. Preston. 2,370,417; Feb. 27.
Bundle sealing machine. W. L. Irvine. 2,372,578; Mar. 27.
Bundle tying machine. A. H. Saxton. 2,374,900; May 1.
Bundler, Threshed straw. M. M. Weaver. 2,378,522; June 19.
Bungs, Forming. G. W. Lawton. 2,378,713; June 19.
Bunk, Logging. G. A. Baird. 2,377,201; May 29.
Bunk, Trailer logging. C. R. Shuey. 2,377,723; June 5.
Buoy, Mooring. H. P. Beach, Jr. 2,381,394; Aug. 7.
Buoyant material. W. H. Moss. 2,374,372; Apr. 24.
Buoyant safety light. G. M. Marr. 2,369,971; Feb. 20.
Buoyant safety light. G. M. Marr. 2,389,266; Nov. 20.
Burner: *See*—
- Adjustable liquid fuel burner.
- Air controlled fuel burner.
- Crude oil burner.
- Engine operated burner.
- Fluent burner.
- Fluid fuel burner.
- Fuel burner.
- Gas and oil burner.
- Gas burner.
- Gas generating burner.
- Horizontal pot type burner.
- Horizontal type rotary oil burner.
- Liquid fuel burner.
- Multiple fuel burner.
- Oil burner.
- Plate burner.
- Pot type burner.
- Reigniting liquid-fuel burner.
- Rectangular pot burner.
- Shape burner.
- Trash burner.
- Vaporizing burner.
- Wall flame type burner.

Burner. J. G. Behrendt and L. C. Ruthy. 2,369,999; Feb. 20.
Burner. O. Fortis. 2,386,848; Oct. 16.
Burner. J. Hurlbut, T. J. Davidson, and R. N. Bowman. 2,372,953; Apr. 3.
Burner. L. J. Kraps. 2,379,161; June 26.
Burner. W. A. Morton. 2,385,153; Sept. 18.
Burner. H. D. Sterick. 2,376,520; May 22.
Burner. A. Stockstrom, E. H. Kahler, and V. Morrill, Jr. 2,372,611; Mar. 27.
Burner and improved air admission means therefor, Pot type. B. Hayter. 2,381,744; Aug. 7.
Burner and pilot baffle therefor, Pot type. B. Hayter. 2,371,520; Mar. 13.
Burner and regulator therefor, Oil. J. H. McIlvaine. 2,387,280; Oct. 23.
Burner and support therefor. W. Newcomb. 2,382,900;
Burner construction for cookers. S. Dawson. 2,372,363; Mar. 27.
Burner control. H. A. Crews. 2,388,124; Oct. 30.
Burner control. R. W. Johnson. 2,378,483; June 19.
Burner control. E. W. Roberts and J. Converse. 2,374,459; Apr. 24.
Burner control apparatus. T. A. Cohen. 2,388,386; Nov. 6.
Burner control apparatus. R. K. Engholdt. 2,372,564; Mar. 27.
Burner control apparatus. R. L. Longini. 2,376,496; May 22.
Burner control apparatus. L. V. McCarty. 2,375,569; May 8.
Burner control apparatus. V. R. Tate. 2,370,205; Feb. 27.
Burner control device. V. O. Beam and J. M. Wilson. 2,379,871; July 10.
Burner control means. W. S. Landon. 2,389,519; Nov. 20.
Burner control mechanism. V. O. Beam. 2,371,020; Mar. 6.
Burner control mechanism. G. D. Bower. 2,388,666; Nov. 13.
Burner control system. J. B. Boyer. 2,390,985; Dec. 18.
Burner control system. O. T. McIlvaine. 2,371,057; Mar. 6.
Burner control system. W. A. Ray. 2,390,172; Dec. 4.
Burner control system. J. J. Rothwell and L. B. Wagner. 2,367,059; Jan. 9.
Burner control system. C. B. Spangenberg and A. H. Swanson. 2,368,893; Feb. 6.

Burner control system. D. G. Taylor and W. H. Gille. 2,385,426; Sept. 25.
Burner for liquid and gaseous fuels, Combination. A. J. Turpin. 2,368,178; Jan. 30.
Burner structure. R. Groetchen. 2,375,412; May 8.
Burner structure. B. Pratt. 2,387,680; Oct. 23.
Burner unit. T. R. and M. L. Lewers and G. Cairns. 2,367,590; Jan. 16.
Burner with corrugated ring, Pot type. J. L. Breese and B. Hayter. 2,381,864; Aug. 14.
Burner with scoop pilot ring, Pot type. B. Hayter. 2,388,914; Nov. 13.
Burnish gold. K. H. Ballard. 2,383,704; Aug. 28.
Burnishing tool. A. E. Comstock. 2,378,838; June 19.
Burnishing tool. A. H. Haberstump. 2,378,843; June 19.
Burr from strips, Removing. E. E. Davis and T. F. Stevens. 2,381,807; Aug. 7.
Burr-removing tool. F. Griffith. 2,372,486; Mar. 27.
Burr removing tool. D. A. Johnston. 2,379,238; June 26.
Burring machine. G. Gerung. 2,384,164; Sept. 4. Aug. 14.
Burring tool. C. A. Tea and K. H. Luther. 2,377,462; June 5.
Bursting machine. J. E. Euth. 2,375,542; May 8.
Bus bars, Joining. H. C. Kalwitz. 2,387,154; Oct. 16.
Bus transfer. F. C. Iglehart and B. L. Ulirich. 2,370,039; Feb. 20.
Bushing. H. J. Lingal. 2,372,098; Mar. 20.
Bushing. E. F. Riesing. 2,367,832; Jan. 23.
Bushing. S. Terpak and L. Wetherill. 2,381,787; Aug. 7.
Bushing, Anchorage screw. R. A. Granholm. 2,376,689; May 22.
Bushing and the like, Self-staking. A. M. Griffin. 2,372,485; Mar. 27.
Bushing, Bung. A. Lowy. 2,385,294; Sept. 18.
Bushing, Cable guide. R. W. Brown. 2,367,836; Jan. 23.
Bushing, Flexible. G. D. Shere. 2,383,018; Aug. 21.
Bushing, Jig-appliance. H. Testo. 2,369,869; Feb. 20.
Bushing, Spring driven guide. D. I. Wilson. 2,368,794; Feb. 6.
Business instrument. H. M. Whittlesey. 2,371,007; Mar. 6.
Business instrument and preparation of the same. H. M. Whittlesey. 2,371,008; Mar. 6.
Butadiene-acrylonitrile copolymers, Improving. A. M. Clifford and W. D. Wolfe. 2,386,661; Oct. 9.
Butadiene and butylene from hydrocarbon mixtures, Method of separating. C. L. Gregg. 2,390,934; Dec. 11.
Butadiene and butylene from mixtures comprising the same, Separation of. H. S. Nutting and L. H. Horsley. 2,370,064; Feb. 20.
Butadiene contaminated with monovinylacetylene, Refining. F. W. Breuer. 2,391,004; Dec. 18.
Butadiene copolymers. C. F. Fryling. 2,384,545; Sept. 11.
Butadiene copolymers. C. F. Fryling. 2,384,547; Sept. 11.
Butadiene copolymers and preparing same. D. Craig. 2,384,535; Sept. 11.
Butadiene, Extraction of. D. Craig. 2,388,041; Oct. 30.
Butadiene, Extraction of. E. V. Fasce and L. E. Pirkle. 2,389,658; Nov. 27.
Butadiene from actylenes, Separating. C. E. Morrell and M. W. Swaney. 2,388,928; Nov. 13.
Butadiene hydrocarbons and aryl olefins, Copolymerization of. C. F. Fryling. 2,366,328; Jan. 2.
Butadiene hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,380,401; July 31.
Butadiene, Manufacture of. K. H. Hachmuth. 2,387,992; Oct. 30.
Butadiene, Manufacture of. W. J. Mattox. 2,378,650; June 19.
Butadiene, Manufacture of. W. J. Mattox. 2,383,205; Aug. 21.
Butadiene, Manufacture of. H. Pines and V. N. Ipatieff. 2,391,508–9; Dec. 25.
Butadiene-1,3 copolymers. W. D. Stewart and B. M. G. Zwicker. 2,384,574; Sept. 11.
Butadiene-1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,376,338; May 22.
Butadiene 1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,380,400; July 31.
Butadiene-1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr. 2,380,402; July 31.
Butadiene-1,3 hydrocarbons, Polymerization of. G. L. Browning, Jr., and B. M. G. Zwicker. 2,376,339; May 22.
Butadiene-1,3 hydrocarbons, Polymerization of. W. L. Semon. 2,380,471; July 31.
Butadiene-1,3 hydrocarbons, Polymerization of. W. D. Stewart. 2,380,905; July 31.
Butadiene-1,3 hydrocarbons, Stabilization of. C. F. Fryling and W. L. Semon. 2,373,754; Apr. 17.
Butadiene-1,3, Polymerization of. C. F. Fryling. 2,366,326–7; Jan. 2.
Butadiene-1,3, Polymerization of. W. L. Semon. 2,376,390–1; May 22.
Butadiene-1,3 polymers, Stabilized. W. L. Semon. 2,375,042; May 1.
Butadiene, Preparation of. S. B. Becker and M. H. Arveson. 2,376,987; May 29.
Butadiene production. K. H. Hachmuth. 2,386,310; Oct. 9.
Butadiene production by the pyrolysis of diisopropyl. E. L. d'Ouville and A. G. Oblad. 2,376,961; May 29.
Butadiene production. R. J. Patterson. 2,391,188; Dec. 18.
Butadiene, Production of. C. E. Ayres. 2,391,117; Dec. 18.
Butadiene, Production of. F. R. Balcar. 2,374,405; Apr. 24.
Butadiene, Production of. F. E. Frey. 2,382,473; Aug. 14.
Butadiene, Production of. H. C. Huffman. 2,385,705; Sept. 25.
Butadiene, Production of. V. N. Ipatieff. 2,374,433; Apr. 24.
Butadiene, Production of. A. E. Lorch. 2,371,530; Mar. 13.
Butadiene, Production of. A. E. Lorch. 2,371,634; Mar. 20.
Butadiene, Production of. A. E. Lorch. 2,384,108; Sept. 4.
Butadiene, Production of. A. E. Lorch. 2,386,324–5; Oct. 9.
Butadiene, Production of. W. J. Mattox. 2,378,649; June 19.
Butadiene, Production of. W. A. Schulze. 2,371,848; Mar. 20.
Butadiene, Production of. R. C. Tollefson. 2,373,153; Apr. 10.
Butadiene, Production of. C. S. Wynn. 2,374,253; Apr. 24.
Butadiene, Purification of. D. Craig. 2,373,170; Apr. 10.
Butadiene, Purification of. H. G. Daley, D. J. Crowley, D. E. Badertscher, and H. L. Coonradt. 2,386,770; Oct. 16.
Butadiene, Purification of. W. L. Semon. 2,366,360; Jan. 2.
Butadiene, Purification of. W. L. Semon and D. Craig. 2,366,361–2; Jan. 2.
Butadiene recovery. H. I. Wolff. 2,390,764; Dec. 11.
Butadiene, Separating and concentrating. C. E. Morrell and M. W. Swaney. 2,375,576; May 8.
Butadienes, Polymerization of. C. F. Fryling. 2,379,431; July 3.
Butane fuel device. J. Riise. 2,368,680; Feb. 6.
Butane to butadiene, Conversion of normal. E. D. Reeves. 2,388,078; Oct. 30.
Butanes into high antiknock motor fuel, Conversion of. E. L. D'Ouville and B. L. Evering. 2,369,444; Feb. 13.
Butene, Isomerization of normal. W. J. Mattox. 2,377,352; June 5.
Butenes from a sulphuric acid solution thereof, Recovery and regeneration of normal. H. J. Hibshman and W. T. Knox, Jr. 2,388,971; Nov. 13.
Butenes to isobutene, Isomerizing normal. V. N. Ipatieff and R. E. Schaad. 2,386,468; Oct. 9.
Butter conditioner. A. F. Wild. 2,375,714; May 8.
Butter mold. J. M. Charlton. 2,370,522; Feb. 27.
Butter working machine. A. C. and G. S. Hougland. 2,379,356; June 26.
Button. M. Cohen. 2,383,238; Aug. 21.
Button attaching machine. F. H. Peterson. 2,377,263; May 29.
Buttonhole construction. J. Neuman. 2,389,272; Nov. 20.
Button, Push. A. F. Horlacher. 2,389,259; Nov. 20.
Button sewing machine. W. T. Maxant. 2,383,875; Aug. 28.
Button winding machine. S. W. Avis. 2,391,378; Dec. 25.
Buttons and similar articles, Mounting. S. Eppy. 2,369,032; Feb. 6.
Butylenes, Manufacture of. C. K. Viland and H. Y. Hyde. 2,388,099; Oct. 30.
Butyrolactones and preparing them. R. C. Elderfield and E. R. Blout. 2,390,526; Dec. 11.
Butyrometer. A. L. Stigen. 2,377,586; June 5.
By-pass control valve. H. Cruzan and H. T. Booth. 2,391,551; Dec. 25.
By-pass valve. M. Caserta. 2,375,077; May 1.
C clamp. H. F. Husted. 2,366,263; Jan. 2.
Cab structure for Diesel engines. H. B. Peterson, Jr. 2,385,642; Sept. 25.
Cab, Tilting. LeB. W. Kinney, Jr. 2,376,491; May 22.
Cabin pressure of aircraft, System for controlling. L. N. Schwien. 2,391,197; Dec. 18.

Cabinet: *See*—

Chilling cabinet.	Office cabinet.
Collapsible wardrobe cabinet.	Phonograph disk record cabinet.
File cabinet.	Portable parts cabinet.
Filing cabinet.	Professional cabinet.
Fire resisting cabinet.	Radio cabinet.
Game cabinet.	Refrigerator cabinet.
Knockdown corner cabinet.	Towel cabinet.
	Wall cabinet.

Cabinet. A. H. Ahrndt. 2,376,411; May 22.
Cabinet. E. M. Collins. 2,370,231; Feb. 27.
Cabinet. F. J. Dawson. 2,370,941; Mar. 6.
Cabinet. H. Derman. 2,386,664; Oct. 9.
Cabinet. A. P. Hultgren, H. E. Moore, R. H. Bennett, and N. W. Cummins. 2,372,672; Apr. 3.
Cabinet construction, Corner. H. C. Bullard. 2,368,285; Jan. 30.
Cabinet device, Baby's bath. R. C. Lewis. 2,374,110; Apr. 17.

Cabinet door fastening device. E. C. Worthley. 2,381,095; Aug. 7.
Cabinet for foods or the like. S. Knapp. 2,388,746; Nov. 13.
Cabinet for phonograph records and the like, Storage. J. Mandel. 2,370,252; Feb. 27.
Cabinet, incubator, and the like, Heating. M. Bramson. 2,379,474; July 3.
Cabinet locking means. W. D. Rossiter. 2,374,898; May 1.
Cabinet or the like. L. Kaiser. 2,388,978; Nov. 13.
Cabinet structure, Dispensing. E. H. Cooper. 2,367,202; Jan. 16.
Cabinet top. A. P. Geimer. 2,378,402; June 19.
Cabinet with drawers. F. F. Loeb and J. E. Bales. 2,382,429; Aug. 14.
Cable: *See*—
Electric cable.
Electric power cable.
Heavy-duty control cable.
Mine sweeping cable.
Transmission cable.
Cable and fuel hose, Combination towing. J. F. Wadsworth, Jr. 2,374,249; Apr. 24.
Cable and structural shape cutter. P. S. Pell and A. F. Wallace. 2,384,130; Sept. 4.
Cable armor cutter. R. R. Kramer. 2,374,753; May 1.
Cable attachment, Hoisting. J. A. Spisak. 2,368,171; Jan. 30.
Cable clamp. F. E. Johnson. 2,373,833; Apr. 17.
Cable clamp. E. S. Knochel and J. J. Pasela. 2,372,962; Apr. 3.
Cable clamp. J. A. McMurphy. 2,374,875; May 1.
Cable clamp. H. C. Nielsen. 2,385,225; Sept. 18.
Cable clamp. H. J. Rolland. 2,368,326; Jan. 30.
Cable clamp. L. M. Rusz. 2,369,413; Feb. 13.
Cable connector. R. W. Clinkscale, W. McL. Hague, and E. W. Sylvester. 2,379,424; July 3.
Cable connector. K. Moody. 2,366,747; Jan. 9.
Cable connector. H. Purat. 2,371,185; Mar. 13.
Cable control, Remote. R. Neuschotz. 2,389,737; Nov. 27.
Cable elbow. J. E. Harvlie. 2,387,729; Oct. 30.
Cable entrenching machine. H. S. Bacon. 2,373,652; Apr. 17.
Cable for terminal banks, Ribbon. G. Deakin. 2,370,846; Mar. 6.
Cable forming apparatus. A. O. Ryan. 2,369,858; Feb. 20.
Cable forming apparatus. A. O. Ryan. 2,372,162; Mar.
Cable or rope capping machine. T. Lepkowski. 2,390,598; Dec. 11.
Cable slitter. R. J. Montgomery. 2,385,368; Sept. 25.
Cable slitter. R. J. Montgomery. 2,388,698; Nov. 13.
Cable splicing apparatus. B. O. Adkerson. 2,377,394; June 5.
Cable splicing clamp. H. H. Merriman. 2,388,862; Nov. 13.
Cable system for high frequency transmission. H. Mouradian. 2,373,906; Apr. 17.
Cable tension regulator. E. B. Cushman. 2,371,130; Mar. 13.
Cable tension regulator. V. A. Tauscher. 2,375,050; May 1.
Cable terminal and making same, Tool. J. Rogoff. 2,371,469; Mar. 13.
Cable terminating means. C. A. Webber. 2,379,942; July 10.
Cable termination and joint, High voltage electric. C. J. Beaver, E. L. Davey, and J. H. Pirie. 2,386,185; Oct. 9.
Cable tool. G. W. Crowder. 2,380,725; July 31.
Cables, Forming reinforced sheathed. C. E. Bennett. 2,375,068; May 1.
Cadmium, Electrolytic deposition of. C. G. Harford. 2,377,228; May 29.
Caffein from coffee extract, Removal of. H. Grossman. 2,375,550; May 8.
Cage for rayon or the like. R. W. Hoagland. 2,380,526; July 31.
Cage for roller bearings. J. B. Baker. 2,383,233; Aug. 21.
Cage for roller bearings. H. Styri. 2,375,145; May 1.
Cage nut tool. M. Schutz. 2,384,347; Sept. 4.
Caging device, Gyro. B. G. Carlson. 2,369,278; Feb. 13.
Caisson and sinking. G. A. Long. 2,373,319; Apr. 10.
Cake slitting machine. W. Wennmann. 2,380,564; July 31.
Calcining apparatus. V. J. Azbe. 2,370,281; Feb. 27.
Calcining process and apparatus. H. C. Jessen. 2,383,254; Aug. 21.
Calcium and magnesium compounds from dolomite, Production of. F. Elkington and H. H. Chesny. 2,386,389; Oct. 9.
Calcium chromate, Production of. E. A. MacColl. 2,368,481; Jan. 30.
Calcium citrate, Production of. G. M. Cole. 2,389,766; Nov. 27.
Calcium cyanide, Producing high-grade. L. J. Christmann and A. G. Houpt. 2,386,434; Oct. 9.
Calcium naphthenate in hydrocarbon extraction. M. Buis and L. Belchetz. 2,383,768; Aug. 28.
Calcium nitrate, Production of substantially anhydrous. H. de Bruijn and M. H. R. J. Plusje. 2,375,898; May 15.
Calcium pantothenate, Preparing purified. K. Warnat. 2,389,097; Nov. 13.
Calcium stannate refining. R. B. Thompson and E. J. Roberts. 2,383,427; Aug. 21.
Calcium sulphate absorptive material, Preparing anhydrous. R. S. Gaugler and C. E. Waring. 2,379,142; June 26.
Calcium sulphite, Producing improved. G. Haywood and W. M. Welton. 2,375,786; May 15.
Calcium values from magnesium values, Separating. G. E. Walker. 2,374,632; Apr. 24.
Calculating device. R. W. Danielson. 2,381,424; Aug. 7.
Calculating device. E. F. Flint. 2,389,249; Nov. 20.
Calculating device. W. F. Judd. 2,382,064; Aug. 14.
Calculating device. M. W. La Fever. 2,375,666; May 8.
Calculating device. R. A. Noble. 2,381,836; Aug. 7.
Calculating device. R. A. A. Willens. 2,375,878; May 15.
Calculating machine. H. T. Avery and T. H. Lassagne. 2,390,041; Dec. 4.
Calculating machine. E. F. Britten, Jr. 2,379,877; July 10.
Calculating machine. L. P. Crosman. 2,367,386; Jan. 16.
Calculating machine. H. M. Dustin. 2,378,472; June 19.
Calculating machine. A. J. Fettig. 2,391,825; Dec. 25.
Calculating machine. C. M. Friden. 2,371,752; Mar. 20.
Calculating machine. C. M. Friden and G. C. Ellerbeck. 2,376,997; May 29.
Calculating machine. J. Friedlander. 2,381,660; Aug. 7.
Calculating machine. H. L. Lambert. 2,389,062; Nov. 13.
Calculating machine. V. W. Lindstein. 2,374,760; May 1.
Calculating machine. A. B. Machado. 2,391,098; Dec. 18.
Calculating machine. W. E. Mathi. 2,383,731; Aug. 28.
Calculating machine. R. S. Nilsson. 2,366,282; Jan. 2.
Calculating machine. A. F. Pott. 2,382,661; Aug. 14.
Calculating machine for effecting division. W. Lang. 2,386,481; Oct. 9.
Calculating machine, Typewriting. R. Anschütz. 2,378,902; June 26.
Calculating mechanism, Key controlled. S. Brand and J. M. Cunningham. 2,369,430; Feb. 13.
Calculator. P. Davey. 2,385,334; Sept. 25.
Calculator. R. N. Feicht. 2,373,671; Apr. 17.
Calculator. B. D. Spraberry. 2,377,977; June 12.
Calculator, Interest. Q. M. Kline. 2,380,318; July 10.
Calculator, Listing. G. C. Chase. 2,389,182; Nov. 20.
Calculator, Machinist's. E. H. Haviland. 2,391,570; Dec. 25.
Calculator, Multiplying. L. P. Crossman. 2,374,323; Apr. 24.
Calculator of geographical position from celestial observations. L. A. Steele. 2,374,788; May 1.
Calculator, Time schedule. C. C. Clark. 2,391,771; Dec. 25.
Calendar. A. E. Shinkle. 2,383,892; Aug. 28.
Calendar, Desk. J. F. Bannon. 2,371,944; Mar. 20.
Calendar edging and calendar and method and machine for assembling same. J. L. Pruneau, J. Mullally, and J. F. Hanrahan. 2,387,808; Oct. 30.
Calendar for fountain pens and pencils, Microscopic. E. Gatewood. 2,377,932; June 12.
Calender machine. M. G. Hinnekens. 2,373,027; Apr. 3.
Calendar, Perpetual. J. Roitman. 2,369,917; Feb. 20.
Calendars, Method of and machine for printing. J. C. Wahl. 2,366,300; Jan. 2.
Calibrating tool. N. Mars. 2,390,802; Dec. 11.
Caliper, Inside. S. M. Kass. 2,377,240; May 29.
Caliper, Micrometer. P. J. Hurley. 2,375,557; May 8.
Call-indicator, dialer and timer, Combined. S. Israel. 2,379,303; June 26.
Call transmitter. R. F. Mallina. 2,386,486; Oct. 9.
Cam. G. L. Bennett and F. Dyer. 2,382,849; Aug. 14.
Cam assembly. C. Weidauer and K. A. Doehm. 2,379,771; July 3.
Cam fixture. C. C. Rutbell. 2,385,030; Sept. 18.
Cam for knitting machines, Slur. F. G. Weisbecker. 2,381,376; Aug. 7.
Cam for necktie sewing machines, Lining guide. J. A. Neumair. 2,372,224; Mar. 27.
Cam lapping machine. H. S. Indge and C. W. Lund. 2,373,640; Apr. 17.
Cam, Magneto breaker. J. R. Harkness. 2,386,048; Oct. 2.
Cam making machine. O. Mieth. 2,386,973; Oct. 16.
Cam mechanism, Differential. C. W. Wood. 2,383,833; Aug. 28.
Cam type governor control for maintaining synchronization of governors. H. H. Couch. 2,370,149; Feb. 27.
Camera. C. L. Fitz. 2,385,804; Oct. 2.
Camera. J. S. Howard. 2,375,555; May 8.
Camera. W. S. Kals. 2,372,430; Mar. 27.
Camera. R. J. Mellien. 2,377,954; June 12.
Camera. J. Pignone. 2,380,610; July 31.
Camera. A. Simmon and L. L. Weisglass. 2,386,575; Oct. 9.
Camera. B. F. Terry. 2,391,044; Dec. 18.
Camera. J. B. Walker. 2,387,546; Oct. 23.
Camera and projector. J. J. Macek. 2,391,430; Dec. 25.
Camera and range finder. E. L. Fischer. 2,379,698; July 3.
Camera and the like. C. E. Hannum. 2,377,341; June 5.
Camera, Astronomical. D. L. Wood. 2,384,666; Sept. 11.

Camera, Automatic aerial. A. H. Gorey, L. D. Nadel, R. J. Nitsch, and O. Steiner. 2,371,592; Mar. 13.
Camera, Cinematograph. C. M. and S. Williamson. 2,372,637; Mar. 27.
Camera construction. N. L. Cook. 2,368,970; Feb. 6.
Camera construction. C. Lateiner. 2,380,453; July 31.
Camera construction. G. B. Pollock. 2,388,995; Nov. 13.
Camera copy and preparing same, Media for use in making. M. D. McIntosh. 2,379,915; July 10.
Camera diaphragm. T. McG. Aiken. 2,369,199; Feb. 13.
Camera-diaphragm adjuster, Automatic. A. I. Ericsson. 2,388,609; Nov. 6.
Camera, Double-exposure prevention. M. R. Hutchison, Jr. 2,367,504; Jan. 16.
Camera, Enlarging and reducing. J. T. Campbell. 2,376,416; May 22.
Camera focus, Checking. C. W. Kendall and W. R. Fischer. 2,378,930; June 26.
Camera for color photography. A. W. Tondreau. 2,372,405; Mar. 27.
Camera lucida instrument and prismatic unit therefor. J. L. Buckmaster. 2,370,143; Feb. 27.
Camera magazine. I. W. Doyle. 2,380,034; July 10.
Camera mechanism. S. B. Grimson. 2,373,243; Apr. 10.
Camera, Motion picture. T. S. Briskin and J. Golick. 2,377,750; June 5.
Camera, Photographic. S. H. Evans. 2,376,993; May 29.
Camera, Photographic. N. B. Green. 2,373,391; Apr. 10.
Camera, Photographic. C. H. Harris. 2,378,406; June 19.
Camera shutter. A. B. Fuller. 2,378,207; June 12.
Camera shutter operating mechanism. A. G. Nash. 2,372,974; Apr. 3.
Camera spool, Motion picture. S. Prinzivalli. 2,380,788; July 31.
Camera support. L. J. Du Mais. 2,370,611; Feb. 27.
Camera support. J. L. Johnson. 2,369,829; Feb. 20.
Camera, Synchronized feed bed and stationary microfilm. R. Place. 2,371,542; Mar. 13.
Camera, Two-film. D. H. Stewart. 2,384,655; Sept. 11.
Cameras, Motor-driven shutter-release mechanism for automatic. A. H. Gorey, L. D. Nadel, and R. J. Nitsch. 2,371,593; Mar. 13.
Camouflage fabricating machine. W. E. Meyer and R. M Roberts. 2,371,458; Mar. 13.
Camouflage material. W. E. Jost. 2,370,734; Mar. 6.
Camphene from pinene, Preparation of. W. F. Carson, Jr. 2,382,397; Aug. 14.
Cams, Construction of. F. B. Halford, J. L. P. Brodie and R. Miller. 2,369,043; Feb. 6.
Can: *See*—
Cement conveying can.
Tractional refuse or like can.
Can. W. E. Burns. 2,375,621; May 8.
Can assembly. F. G. Silva and W. S. Davenport. 2,379,545; July 3.
Can attachment. M. D. Sansom. 2,374,384; Apr. 24.
Can bodies, Producing. W. A. Meyer. 2,381,460; Aug. 7.
Can body feed timing mechanism. O. A. Schmitt. 2,371,926; Mar. 20.
Can body maker. J. F. Peters. 2,390,120; Dec. 4.
Can body manufacturing machine, Flattened. I. D. Thornburgh. 2,383,523; Aug. 28.
Can closing machine. J. H. Murch and R. E. J. Nordquist. 2,366,748; June 9.
Can closing machine. R. E. Renard. 2,371,186; Mar. 13.
Can closing machine. A. A. Saalbach. 2,383,513; Aug. 28.
Can feed mechanism. J. H. Schurch. 2,388,804; Nov. 13.
Can feeding means. A. L. Kronquest. 2,378,855; June 19.
Can marking machine, Automatic. A. W. H. Hirsch. 2,375,362; May 8.
Canine encephalitis, Prevention and treatment of. C. H. Beckman. 2,391,540; Dec. 25.
Canning green vegetables. W. L. Schroder and T. A. Rogers. 2,390,468; Dec. 4.
Can opener. W. J. Landry. 2,378,090; June 12.
Can opener. A. G. Schillo. 2,374,783; May 1.
Can opener, Rotary type. R. E. McLean. 2,386,490; Oct. 9.
Can piercer, Reciprocating. P. C. Bye. 2,376,756; May 22.
Can punching and sealing device. C. T. Chambers. 2,366,438; Jan. 2.
Can upending mechanism. F. L. Klaiber and H. C. Clark. 2,369,742; Feb. 20.
Can uprighting device. J. Pellegrino. 2,370,188; Feb. 27.
Cans or containers, Making reenforced chime construction for. L. B. Wackman. 2,388,300; Nov. 6.
Candle ornament for Christmas trees. L. L. Raymond. 2,367,611; Jan. 16.
Candles, Making. C. Turner. 2,379,391; June 26.
Candling device, Egg. J. J. Baiocchi. 2,388,518; Nov. 6.
Canister. G. A. Wieczorek, Jr., and C. B. Jackson. 2,389,225; Nov. 20.
Canning. R. H. C. Moeller. 2,380,984; Aug. 7.
Canning machinery, Fish. E. M. Borg. 2,387,240; Oct. 23.
Canning Swiss steaks. A. Barth. 2,366,169; Jan. 2.
Cannon, Aerial. H. F. Lee. 2,384,320; Sept. 4.
Canopy and garment protector, Combined. A. Taylor. 2,384,212; Sept. 4.
Canopy for beds, Mosquito. L. Suarez. 2,375,503; May 8.
Canopy for luminaries. S. B. Kraut. 2,381,292; Aug. 7.
Canopy, Parachute. J. H. Strong. 2,374,627; Apr. 24.
Canopy, Parachute. S. Switlik. 2,367,244; Jan. 16.
Canopy support. V. P. Nelson. 2,367,043; Jan. 9.
Cantilever retaining wall structure and making the same. A. H. Tashjian. 2,388,624; Nov. 6.
Cantilever seat. F. A. Kuntz. 2,387,451; Oct. 23.
Cantilever spring. J. W. Pettit. 2,386,571; Oct. 9.
Cap: *See*—
Attached filler cap.
Blasting cap.
Bottle cap.
Box toe cap.
Bubble cap.
Closure cap.
Dispensing bottle cap.
Glass screw cap.
Hood closure cap.
Lens cap.
Nut and bolt cap.
Paper screw cap.
Pile cap.
Plastic bottle cap.
Removable bottle cap.
Sleep cap.
Uniform cap.
Variable indicator light cap.
Well casing cap.
Cap. G. B. Cooke and V. A. Ryan. 2,377,402; June 5.
Cap. C. M. Grannan. 2,381,738; Aug. 7.
Cap. T. W. Johnson. 2,373,399; Apr. 10.
Cap and release therefor, Bottle. G. H. Hutaffp, Jr. 2,386,860; Oct. 16.
Cap and stopper, Combined bottle. C. V. Stevenson. 2,374,143; Apr. 17.
Cap applying mechanism. J. W. Shera. 2,375,141; May 1.
Cap closure. R. P. Scherer. 2,367,739; Jan. 23.
Cap detector for automatic bottle vending machines. N. M. Denison. 2,388,125; Oct. 30.
Cap feeding apparatus. R. J. Stewart and J. S. Bartley. 2,384,052; Sept. 4.
Cap for fuel tanks and the like, Locking. N. W. Trautner. 2,384,217; Sept. 4.
Cap for fuel tanks, Lock filling. S. Wise. 2,391,498; Dec. 25.
Cap for gaseous discharge lamps, End. M. D. Betts. 2,386,190; Oct. 9.
Cap for grease fittings. E. M. Kennedy. 2,379,529; July 3.
Cap for pencil, pencil-pen combinations, or the like. S. G. Lopez. 2,367,683; Jan. 23.
Cap for spray devices, Discharge. E. F. Delfoe and J. M. Williams. 2,367,485; Jan. 16.
Cap retainer for tubes. W. H. Lamm. 2,376,786; May 22.
Capping apparatus. J. J. Kittess. 2,385,004; Sept. 18.
Capping head. J. E. Jonsson. 2,371,334; Mar. 13.
Caps, Making. A. H. Warth and E. Lidard. 2,367,250; Jan. 16.
Capacitor charging and discharging control. C. E. Smith and C. B. Stadum. 2,385,736; Sept. 25.
Capacitors, Manufacture of. A. J. Deyrup. 2,389,420; Nov. 20.
Capacity exhibitor, Weighing. C. G. Roper. 2,369,179; Feb. 13.
Capacity loading system. J. W. Milnor. 2,371,252; Mar. 13.
Cape, Make-up. N. Kase. 2,379,722; July 3.
Capillary acting agents. W. Hentrich, H. J. Engelbrecht and E. Schirm. 2,383,859; Aug. 28.
Capillary active substances, Preparing. W. Hentrich, E. Schirm, and H. Engelbrecht. 2,374,934; May 1.
Capryl salicylate, Preparation of. S. J. Wayo and F. M. Watkins. 2,380,563; July 31.
Capsicum-containing seasoning composition. L. A. Hall. 2,385,412; Sept. 25.
Capsulating process and apparatus. C. E. Mabbs. 2,379,816; July 3.
Capsule. J. J. Curry. 2,382,978; Aug. 21.
Capsule handling apparatus. S. E. Van Tuyl. 2,366,886; Jan. 9.
Capsules particularly gelatine capsules, Method and machine for making. C. A. Spotz. 2,390,337; Dec. 4.
Capsules, Process and apparatus for making. C. E. Mabbs. 2,379,817; July 3.
Car: *See*—
Armored car.
Articulated car.
Composite mine car.
Convertible freight car.
Freight car.
House car.
Kiddy car.
Railway car.
Shuttle car.
Tank car.
Turn-tilt unloading toy railway car.
Car and paddle construction. R. Kurtz. 2,367,222; Jan. 16.
Car body. K. Koblick. 2,369,579; Feb. 13.
Car body construction. W. T. Rossell. 2,372,396; Mar. 27.
Car-bottom furnace. F. H. Loftus and V. R. Troglione. 2,391,173; Dec. 18.
Car construction. G. E Dath. 2,386,093; Oct. 2.
Car construction. F. Ditchfield. 2,385,062; Sept. 18.
Car construction, Rail. A. G. Dean. 2,383,372; Aug. 21.
Car door. F. H. Rogers. 2,375,327; May 8.
Car door and lock therefor. W. A. Beauchamp and T. Madland. 2,387,109; Oct. 16.
Car end structure, Rail. A. G. Dean. 2,383,371; Aug. 21.
Car lining. E. J. Braun. 2,377,989; June 12.
Car seal. R. Perrotta. 2,368,613; Feb. 6.
Car truck. R. Leppla. 2,375,930; May 15.
Car truck brake. R. W. Joy. 2,379,084; June 26.
Car underframe. J. C. Abel. 2,383,578; Aug. 28.

Car washing apparatus, Portable. F. P. Walsh. 2,390,017; Nov. 27.
Car wheel. A. J. Hersey and C. L. Madden. 2,366,259; Jan. 2.
Carbalkoxylation of organic compounds. V. H. Wallingford and A. H. Homeyer. 2,376,837; May 22.
Carbine, Automatic and semi-automatic. W. T. Moore. 2,389,631; Nov. 27.
Carbohydrate solutions. B. Wendt. 2,376,743; May 22.
Carbon and soot eliminator for oil burners. L. C. Trosky. 2,375,598; May 8.
Carbon bisulphide, Recovery of. E. L. Luâces. 2,387,763; Oct. 30.
Carbon black, Apparatus for producing. H. Hanson, R. W. Skoog, and L. H. Grisso. 2,368,827; Feb. 6.
Carbon black, Making. J. C. Krejci. 2,375,796; May 15.
Carbon black, Manufacture of. W. B. Wiegand and H. A. Braendle. 2,378,055; June 12.
Carbon black, Method and apparatus for the production of. P. H. Mitchell. 2,391,067; Dec. 18.
Carbon black process. J. C. Krejci. 2,375,795; May 15.
Carbon black process. J. C. Krejci. 2,375,798; May 15.
Carbon black process and apparatus. J. C. Krejci. 2,375,797; May 15.
Carbon black, Producing. H. Hanson and R. W. Skoog. 2,368,828; Feb. 6.
Carbon bodies. Controlled heat treatment of. H. M. Elsey. 2,376,760; May 22.
Carbon brake body and metal holder unit. O. Conradty. 2,388,123; Oct. 30.
Carbon dioxide discharge system. C. H. Lindsay. 2,373,037; Apr. 3.
Carbon dioxide from gases, Recovering. F. H. May. 2,374,876; May 1.
Carbon disulphide, Purifying. A. Belchetz. 2,391,541; Dec. 25.
Carbon monoxide, Hydrogenation of. H. Heckel and O. Roelen. 2,369,106; Feb. 6.
Carbon saver, Automatic. C. G. Hunt. 2,375,476; May 8.
Carbon separator. A. W. Metzner. 2,377,896; June 12.
Carbon tetrachloride, Inhibitor for. E. O. Ohlmann. 2,387,284; Oct. 23.
Carbonaceous base exchange material, Preparation of. A. S. Behrman. 2,376,896; May 29.
Carbonaceous material. R. W. Lawrence. 2,375,008; May 1.
Carbonated beverages, Method and apparatus for filling. R. J. Stewart. 2,367,899; Jan. 23.
Carbonates of 1-R-aminoethanes. H. A. Shonle and E. Rohrmann. 2,386,273; Oct. 9.
Carbonating apparatus. W. W. Bowman. 2,391,003; Dec. 18.
Carbonator. J. Kantor. 2,388,850; Nov. 13.
Carbonization. A. H. Andersen and N. R. Fasken. 2,380,930; Aug. 7.
Carbonizing cloth. W. Ridley. 2,379,653; July 3.
Carbonyl iron, Method and apparatus for making. J. V. Fill. 2,377,486; June 5.
Carboxylic amino acid, Forming. F. C. Bersworth. 2,387,735; Oct. 30.
Carboxylic anhydrides, Preparing. V. K. Krieble and R. H. Smellie. 2,390,106; Dec. 4.
Carboxylic substituted amines, Forming. F. C. Bersworth. 2,387,976; Oct. 30.
Carboy container. O. Fisher. 2,383,717; Aug. 28.
Carboy handling apparatus. M. Bixler. 2,389,482; Nov. 20.
Carburation device for internal-combustion engines. M. L. Mennesson. 2,389,922; Nov. 27.
Carburetor. J. F. Butler and W. B. M. Killen. 2,373,224; Apr. 10.
Carburetor. G. Clavering. 2,371,739; Mar. 20.
Carburetor. S. W. Gilbert. 2,382,050; Aug. 14.
Carburetor. S. F. Hunt. 2,381,751; Aug. 7.
Carburetor. B. C. Phillips. 2,387,676; Oct. 23.
Carburetor. A. J. Rascov. 2,378,864; June 19.
Carburetor. D. L. J. Smith. 2,368,430; Jan. 30.
Carburetor. J. H. F. Stewart. 2,372,532; Mar. 27.
Carburetor. R. R. Strebinger. 2,376,732; May 22.
Carburetor. H. F. Twyman. 2,391,755; Dec. 25.
Carburetor. A. H. Winkler and J. H. Gore. 2,390,019; Nov. 27.
Carburetor ice warning gauge. J. F. Carssow. 2,382,365; Aug. 14.
Carburetor improvement. E. R. Schneider. 2,370,584; Feb. 27.
Carburetor intake air heater. F. S. Baster. 2,369,937; Feb. 20.
Carburetor, Jet. E. G. Eckenberg. 2,376,991; May 29.
Carburetor, Manifold injection. O. L. Garretson. 2,382,625; Aug. 14.
Carburetor metering device. H. A. Woods. 2,375,160; May 1.
Carburetor, Nonicing. M. C. Brown. 2,376,228; May 15.
Carcass dipping apparatus. A. G. Ackermann. 2,383,835; Aug. 28.
Carcass handling apparatus. W. Le Clair. 2,366,535; Jan. 2.
Carcasses, Treating. B. E. Williams and L. L. Cadwell. 2,388,891; Nov. 13.
Card and picture frame. R. H. Hose and E. W. Niles. 2,387,584; Oct. 23.
Card assembly. A. A. Hoffmann. 2,379,637; July 3.
Cardboard receptacle. H. W. Forrer. 2,368,534; Jan. 30.
Card, Display. D. V. Lisle. 2,386,618; Oct. 9.
Card game, Oracle. R. Ribbe. 2,383,081; Aug. 21.
Card holding attachment. M. B. Disken. 2,390,357; Dec. 4.
Card index. H. E. Short. 2,371,713; Mar. 20.
Card index. G. W. Torrence and W. A. Calkins. 2,384,355; Sept. 4.
Card positioning means. J. T. Ferry. 2,376,241; May 15.
Card punching machine. C. D. Lake and F. E. Hamilton. 2,366,861; Jan. 9.
Card punching machine. R. E. Page and H. S. Beattie. 2,372,909; Apr. 3.
Card punching machine, Tape controlled. C. R. Doty. 2,375,293; May 8.
Card record apparatus. J. W. Whitton. 2,379,943; July 10.
Card sensing machine. G. F. Daly, G. V. A. Malmros, and B. H. Phillips. 2,372,882; Apr. 3.
Card table. C. Kolodny. 2,387,030; Oct. 16.
Carding machine. E. Clark. 2,376,661; May 22.
Carding machine, Wool. F. Beaudoin. 2,388,030; Oct. 30.
Cardiometric apparatus. B. W. and H. S. Williams. 2,375,059; May 1.
Cargo carrying airplane. V. J. Burnelli. 2,380,290; July 10.
Cargo handling apparatus. C. W. Harrison. 2,379,231; June 26.
Cargo, Loading and unloading. J. J. Bylo. 2,371,149; Mar. 13.
Cargo sling hook. L. G. Ehmann. 2,381,531; Aug. 7.
Cargo tie-down. J. S. Martin. 2,372,967; Apr. 3.
Carotene, Concentrating. H. M. Barnett. Re. 22,629; Apr. 17.
Carpet, Making cemented pile. H. P. Faris and J. E. White. 2,389,657; Nov. 27.
Carriage, Baby. J. Bryant. 2,373,809; Apr. 17.
Carriage, Baby. L. Kiesow. 2,378,931; June 26.
Carriage, Baby. H. Tannenbaum. 2,390,671; Dec. 11.
Carriage, Baby. W. H. Thornhill. 2,391,658; Dec. 25.
Carriage control for accounting machines. W. A. Anderson. 2,382,195; Aug. 14.
Carriage drive mechanism. O. J. Sundstrand and O. W. Swanson. 2,366,368; Jan. 2.
Carriage for accounting machines, Paper. W. A. Anderson. 2,366,468; Jan. 2.
Carriage, Infant's. W. C. Troendle. 2,384,711; Sept. 11.
Carriage, Luggage. E. F. Alexander. 2,375,338; May 8.
Carriage, Marine. F. S. Newell. 2,371,461; Mar. 13.
Carriage, Reciprocable. H. E. Somes. 2,382,826; Aug. 14.
Carriage shift mechanism. H. T. Avery. 2,376,954; May 29.
Carriage, Work supporting. H. E. Somes. 2,382,825; Aug. 14.
Carrier: *See*—
Aeroplane carrier.
Bicycle carrier.
Bottle carrier.
Casket carrier.
Container carrier.
Desk with typewriter carrier.
Golf club carrier.
Gun carrier.
Infant carrier.
Log carrier.
Parcel carrier.
Partitioned bottle carrier.
Pull rod carrier.
Razor blade carrier.
Record carrier.
Simplified auxiliary wheel and tire carrier.
Suit cover and carrier.
Tire carrier.
Carrier. A. D. McKellar. 2,386,489; Oct. 9.
Carrier. P. J. Niemack. 2,377,712; June 5.
Carrier and applicator for the treatment of trees. F. R. Reevely. 2,389,870; Nov. 27.
Carrier and hoist, Spare tire. H. G. Heil. 2,377,149; May 29.
Carrier attachment for tractors, Stone. L. Gilbert. 2,379,797; July 3.
Carrier current apparatus. J. L. Woodworth. 2,372,539; Mar. 27.
Carrier-current protective-relaying and telemetering system. J. L. Blackburn and J. F. Chapman. 2,367,921; Jan. 23.
Carrier current system. E. W. Kenefake. 2,381,758; Aug. 7.
Carrier current system. J. L. Woodworth. 2,385,673; Sept. 25.
Carrier for bottles or the like. M. D. Gibson. 2,368,015; Jan. 23.
Carrier for containers. J. B. Slevin, Jr. 2,367,066; Jan. 9.
Carrier for glassware forming apparatus, Plunger. O. H. Samuelson and A. T. Zappia. 2,379,830; July 3.
Carrier for group of articles. N. A. Petter. 2,374,893; May 1.
Carrier for hearing aids and batteries, Halfvest. H. W. Moore. 2,372,971; Apr. 3.
Carrier fortress, Floating. J. Hundley. 2,374,938; May 1.
Carrier in cigar machines, Wrapper. K. E. Granstedt. 2,379,575; July 3.
Carrier means for artificial teeth. F. Tryfus and A. Mendel. 2,383,027; Aug. 21.
Carrier relay, Modified-impedance. S. L. Goldsborough. 2,386,209; Oct. 9.
Carrier relaying. S. L. Goldsborough. 2,372,078; Mar. 20.
Carrier unit. R. C. Strauss. 2,387,779; Oct. 30.

Carrier wave modulation. W. R. Bennett. 2,377,858; June 12.
Carrier wave signaling system. W. S. Halstead. 2,389,257; Nov. 20.
Carrousel. R. B. Franklin. 2,384,906; Sept. 18.
Carrying case. J. A. Obermaier. 2,379,031; June 26.
Cart. A. G. Ruff and A. P. Buer. 2,371,472; Mar. 13.
Cart, Agricultural. B. M. Peters. 2,377,959; June 12.
Cart and loader, Vegetable. J. W. Orendorff. 2,383,412; Aug. 21.
Cart, Basket carrying. H. I. and R. M. Sides. 2,377,815; June 5.
Cart for golf bags and the like. N. E. Boughton. 2,383,587; Aug. 28.
Cart, Ladder. E. J. Samuelson. 2,377,043; May 29.
Cart, Shopping. M. Faure. 2,372,372; Mar. 27.
Cart, Two-wheel. H. C. Fuerstenberg. 2,374,278; Apr. 24.
Cart, Utility. E. M. Hulquist. 2,389,574; Nov. 20.
Carton. E. L. Arneson. 2,388,243; Nov. 6.
Carton. A. H. Axberg. 2,390,412; Dec. 4.
Carton. P. Belden. 2,377,602–3–4; June 5.
Carton. J. W. Cox. 2,384,076; Sept. 4.
Carton. J. W. Cox. 2,387,314; Oct. 23.
Carton. B. J. Davidson. 2,367,717; Jan. 23.
Carton. W. G. Freel, J. E. Diver, and S. F. Jones. 2,374,006; Apr. 17.
Carton. W. H. Inman. 2,367,780; Jan. 23.
Carton. I. L. Lesavoy. 2,382,240; Aug. 14.
Carton. T. Meredith. 2,373,701; Apr. 17.
Carton. A. Molet. 2,368,864; Feb. 6.
Carton. G. Rottman. 2,386,407; Oct. 9.
Carton. R. Van Rosen. 2,389,703; Nov. 27.
Carton. J. E. Walsh. 2,389,222; Nov. 20.
Carton. J. A. Zinn, Jr. 2,390,909; Dec. 11.
Carton, Ammunition. H. K. Dickerman. 2,391,230; Dec. 18.
Carton and carton blank. A. Rous. 2,379,038; June 26.
Carton and carton blank. A. Rous. 2,390,392; Dec. 4.
Carton and carton blanks. C. J. Meitzen. 2,386,905; Oct. 16.
Carton and package. T. C. Gevaart. 2,382,308; Aug. 14.
Carton-blank handling apparatus for wire-stitching machines. G. H. Harred. 2,377,230; May 29.
Carton-blank handling apparatus for wire-stitching machines. G. H. Harred. 2,381,743; Aug. 7.
Carton, Carrier. W. B. Crane. 2,368,203; Jan. 30.
Carton, Cellular. R. E. Rutledge. 2,374,382; Apr. 24.
Carton closing device. W. C. Johnson and D. Kirk. 2,391,708; Dec. 25.
Carton closing mechanism. G. I. Hohl. 2,380,758; July 31.
Carton, Collapsible cellular. K. T. Buttery. 2,382,202; Aug. 14.
Carton, Collapsible shipping and display. H. A. Gottlieb. 2,375,843; May 15.
Carton corner construction. S. Lighter. 2,367,410; Jan. 16.
Carton, Dispensing. F. A. Marx. 2,388,168; Oct. 30.
Carton, Leakproof. E. C. Siewert. 2,374,458; Apr. 24.
Carton, Lined. W. H. Arthur. 2,381,026; Aug. 7.
Carton, Multicompartment. M. I. Williamson. 2,387,790; Oct. 30.
Carton or container. R. M. Glover. 2,377,472; June 5.
Carton partition means. W. H. Inman. 2,381,543; Aug. 7.
Carton with removable liner. R. M. Bergstein. 2,389,291; Nov. 20.
Cartons, Sealing. N. Hamilton and W. Stern. 2,368,214; Jan. 30.
Cartridge case. J. S. Shufflebotham. 2,381,083; Aug. 7.
Cartridge case. S. A. Snell. 2,388,094; Oct. 30.
Cartridge cases and the like, Making. S. A. Snell. 2,371,716; Mar. 20.
Cartridge container. A. G. Liebmann. 2,371,630; Mar. 20.
Cartridge, Electrically actuated. H. C. Grant, Jr. 2,386,211; Oct. 9.
Cartridge, Explosive. F. F. Chapman, N. G. Johnson, and G. H. Lov. 2,371,874; Mar. 20.
Cartridge, Explosive. J. B. Johnson. 2,378,223; June 12.
Cartridge feeding mechanism. C. D. Spagnolo. 2,380,083; July 10.
Cartridge feeding mechanism for automatic firearms. G. Webb. 2,372,462; Mar. 27.
Cartridge feeding mechanism for automatic guns. C. T. Hall. 2,366,395; Jan. 2.
Cartridge, Fertilizer. H. A. Brigdan. 2,380,721; July 31.
Cartridge firing apparatus for power generation. J. D. S. de Guerin. 2,367,012; Jan. 9.
Cartridge for contact printing and photographic paper dispensing, Convertible. C. E. Harper. 2,384,911; Sept. 18.
Cartridge, Gas pressure-generating. E. Whitworth and T. Thomson. 2,366,165; Jan. 2.
Cartridge loader. E. L. Smith and C. Wetsel. 2,384,140; Sept. 4.
Cartridge loader, Link belt. E. L. Smith and C. Wetsel. 2,372,399; Mar. 27.
Cartridge magazine, Drum type. A. Gazda. 2,367,572; Jan. 16.

Carving method and projector. H. L. Cooke. 2,374,981; May 1.
Case: *See*—
- Bottle case.
- Carrying case.
- Cartridge case.
- Cigarette case.
- Compact case.
- Cosmetic case.
- Metal carrying case.
- Modern food dispensing and display case.
- Open refrigerated display case.
- Projector utility case.
- Refrigerated display case.
- Safety razor case.
- Shirt case.
- Spectacle and eye-glass case.
- Spectacle case.
- Steel cartridge case.
- Thermometer case.
- Traveling case.
- Utility case.
- Vanity case.

Case. P. H. Waller. 2,378,267; June 12.
Case construction for books, Binder. F. S. Schade. 2,390,125; Dec. 4.
Case for cameras. H. Fitz. 2,390,932; Dec. 11.
Case for dial instruments. S. Kahn. 2,384,928; Sept. 18.
Case for measuring instruments. R. I. N. Weingart. 2,379,053; June 26.
Case for watches, Protective. C. Godin. 2,384,549; Sept. 11.
Casein component of water paints. W. H. and W. F. Fales. 2,367,108; Jan. 9.
Casein, Manufacture of. L. Schibler. 2,372,986; Apr. 3.
Casein or the like protein fibers, Treatment of. R. L. Wormell. 2,383,358; Aug. 21.
Casein, Precipitation of. E. J. Wendt. 2,369,095; Feb. 6
Casein, Production of. W. F. Oatman. 2,388,991; Nov. 13.
Casement window operator. G. Hagstrom. 2,366,613; Jan. 2.
Cases, Attachment for filing. A. J. Gore. 2,369,348; Feb. 13.
Casing for electrical devices. R. Mueller. 2,377,355; June 5.
Casing for food products, Reinforced artificial. L. A. Goodman. 2,384,462; Sept. 11.
Casing, Sausage. L. E. Dimond. 2,366,710; Jan. 9.
Casings for dipping and centrifuging, Mounting work in. F. M. Ronci. 2,387,300; Oct. 23.
Casings, Method and apparatus for forming tubular. K. Schultz. 2,382,504; Aug. 14.
Casket, Burial. H. R. Rick. 2,375,386; May 8.
Casket carrier. C. L. Berg. 2,372,927; Apr. 3.
Casket, Metal burial. W. E. Wallace. 2,372,412; Mar. 27.
Cassette. F. T. Powers. 2,381,556; Aug. 7.
Cast elongate bodies, Stretching.. F. J. Fielitz and B. M. Marks. 2,377,928; June 12.
Cast explosive charges, Preparing. C. O. Davis and W. E. Kirst. 2,384,730; Sept. 11.
Cast metal bodies, Method and apparatus for producing. R. K. Hopkins. 2,380,238; July 10.
Cast refractory, Producing. T. E. Field and H. T. Smyth. 2,381,945; Aug. 14.
Cast sheets, Production of. B. M. Marks and C. E. Ranck. 2,369,593; Feb. 13.
Cast squirrel cage rotor. S. J. Goran. 2,370,458; Feb. 27.
Cast structures of synthetic materials, Dry spun and dry. P. W. Morgan. 2,376,934; May 29.
Caster. E. H. Sandberg. 2,369,609; Feb. 13.
Caster, Self leveling. C. N. Raup. 2,386,005; Oct. 2.
Caster, Swiveling brake. W. H. Noelting and H. T. Prothero. 2,366,927; Jan. 9.
Caster table. R. S. Deans. 2,366,443; Jan. 2.
Caster wheel mechanism. J. P. Seaholm. 2,388,874; Nov. 13.
Casting. H. E. McWane and H. K. McGavock. 2,387,803; Oct. 30.
Casting apparatus. H. R. Berger. 2,375,463; May 8.
Casting apparatus and method. S. M. Shobert. 2,390,129; Dec. 4.
Casting apparatus and process, Continuous. C. W. Hazelett. 2,383,310; Aug. 21.
Casting apparatus, Centrifugal. B. L. Levinson. 2,385,631; Sept. 25.
Casting apparatus, Centrifugal. G. T. Pfleger. 2,381,616; Aug. 7.
Casting, Centrifugal. H. E. Bremer. 2,383,442; Aug. 28.
Casting, Centrifugal pot. E. C. Young. 2,386,028; Oct. 2.
Casting, Continuous. J. S. Smart, Jr., and A. A. Smith, Jr. 2,367,148; Jan. 9.
Casting device. L. E. Broyles and E. J. Pittenger. 2,390,054; Dec. 4.
Casting device. J. M. Tweit. 2,381,089; Aug. 7.
Casting machine, Centrifugal. H. Andrews. 2,377,917; June 12.
Casting machine, Centrifugal. H. Andrews. 2,385,250; Sept. 18.
Casting metal. N. S. Spence. 2,376,518; May 22.
Casting metal, Method and apparatus for. T. C. Poulter. 2,379,401; June 26.
Casting method. J. J. Nolan, Jr. 2,378,723; June 19.
Casting, Multiple centrifugal. C. E. Sorensen and R. H. McCarroll. 2,378,042; June 12.
Casting resins. W. R. Dial and C. Gould. 2,379,218; June 26.
Casting, Twin grid. H. D. Huntsberger. 2,378,221; June 12.
Castings, Forming and trimming die. L. H. Morin. 2,367,235; Jan. 16.

Castings, Manufacture of. P. T. Stroup and G. F. Sager. 2,380,201; July 10.
Castings, Trimming gates of die. L. H. Morin. 2,375,486; May 8.
Castor oil, Production of dehydrated. H. S. Bloch. 2,380,720; July 31.
Catalysis. J. R. Bates. 2,375,756; May 15.
Catalysis. J. R. Bates. 2,378,904–5; June 26.
Catalysis. J. A. Gibb, W. T. Hayward, and A. H. Schutte. 2,370,950; Mar. 6.
Catalysis. A. N. Sachanen and P. D. Caesar. 2,376,508; May 22.
Catalysis of organic reactions. J. M. Mavity. 2,388,428; Nov. 6.
Catalyst. C. C. Crawford and W. E. Ross. 2,379,687; July 3.
Catalyst. J. W. Teter. 2,381,473; Aug. 7.
Catalyst, Aluminum chloride. C. W. Montgomery and N. W. Franke. 2,380,703; July 31.
Catalyst and forming catalysts. F. J. Ewing, R. B. Secor, and J. G. Warner. 2,391,312; Dec. 18.
Catalyst and preparation thereof. R. F. Ruthruff. 2,377,577; June 5.
Catalyst and resulting product, Making a. H. Miller. 2,379,736; July 3.
Catalyst chamber. R. L. Huntington. 2,387,026; Oct. 16.
Catalyst chamber. G. G. Oberfell. 2,384,258; Sept. 4.
Catalyst chamber apparatus. J. W. Loy. 2,383,729; Aug. 28.
Catalyst chamber construction. W. W. Roach. 2,378,792; June 19.
Catalyst conversion, Powdered. A. L. Conn. 2,377,613; June 5.
Catalyst for polymerization reactions. W. D. Stewart and B. M. G. Zwicker. 2,380,618; July 31.
Catalyst from oil, Separation of. F. W. Schumacher and R. P. Ferguson. 2,384,967; Sept. 18.
Catalyst manufacture. L. Schmerling and V. N. Ipatieff. 2,369,691; Feb. 20.
Catalyst, Manufacture of. M. M. Marisic. 2,384,944; Sept. 18.
Catalyst, Polymerization. H. E. Drennan. 2,387,318; Oct. 23.
Catalyst preparation. G. R. Gilbert. 2,370,788; Mar. 6.
Catalyst preparation. E. T. Layng. 2,367,877; Jan. 23.
Catalyst, Preparing. W. E. Spicer and R. N. Watts. 2,391,358; Dec. 18.
Catalyst production. F. O. Haas. 2,384,737; Sept. 11.
Catalyst reactions, Carrying out. J. McAfee. 2,391,434; Dec. 25.
Catalyst, Reactivation of. L. E. Carlsmith and H. J. Ogorzaly. 2,382,382; Aug. 14.
Catalyst recovery process. T. W. Baker and J. Friedman. 2,373,803; Apr. 17.
Catalyst separation in hydrogen bromide catalyzed oxidation reactions. F. F. Rust and E. R. Bell. 2,380,675; July 31.
Catalysts and preparation thereof, Supported. J. D. Upham. 2,386,518; Oct. 9.
Catalysts and preparing same, Supported. J. R. Owen. 2,386,499; Oct. 9.
Catalysts and the manufacture thereof, Plastic metal. J. S. Streicher. 2,384,501; Sept. 11.
Catalysts, Desulphurization. A. C. Byrns. 2,369,432; Feb. 13.
Catalysts, Drying pelleted. W. W. Gary and R. B. Secor. 2,388,735; Nov. 13.
Catalysts for emulsion polymerization reactions, Heavy metal. W. D. Stewart and B. M. G. Zwicker. 2,380,617; July 31.
Catalysts for polymerization reaction. W. D. Stewart. 2,380,710; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,380,473–4; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,380,475; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,380,476–7; July 31.
Catalysts for the addition polymerization of unsaturated organic compounds. W. D. Stewart. 2,388,372–3; Nov. 6.
Catalysts, Hydrogenation over sulphur-sensitive. A. Voorhies, Jr., and E. E. Stahly. 2,377,116; May 29.
Catalysts in dehydrogenation of cymene, Oxide. W. Hull. 2,376,252; May 15.
Catalysts. Lead sulphide. R. O. Bender. 2,376,223; May 15.
Catalysts, Making. W. L. Semon. 2,380,614; July 31.
Catalysts, Manufacture of. J. E. Ahlberg and C. L. Thomas. 2,382,951; Aug. 21.
Catalysts, Manufacture of. H. Pines and V. N. Ipatieff. 2,384,337; Sept. 4.
Catalysts, Metal halide. E. Solomon, H. J. Passino, and L. C. Rubin. 2,382,586; Aug. 14.
Catalysts, Preparation of. R. F. Ruthruff. 2,371,069; Mar. 6.
Catalysts, Producing. H. Berg and H. Heim. 2,369,524; Feb. 13.
Catalysts, Reactivation of. J. P. Daugherty, Jr. 2,371,610; Mar. 20.
Catalysts, Recovery of. E. C. Hughes. 2,386,798; Oct. 16.
Catalysts, Regenerating of spent. E. B. Peck. 2,390,323; Dec. 4.
Catalysts, Regeneration of. R. E. Burk. 2,371,148; Mar. 13.
Catalysts, Regeneration of. F. E. Frey. 2,382,472; Aug. 14.
Catalysts, Regeneration of. A. B. Welty, Jr. 2,368,507; Jan. 30.
Catalysts, Regeneration of nickel alloy. J. Drew. 2,388,959; Nov. 13.
Catalysts, Restoration of. L. C. Drake, J. Herman and E. T. Scafe. 2,380,731; July 31.
Catalysts, Treating. M. P. Matuszak. 2,381,677; Aug. 7.
Catalytic activity, Regulation of. J. R. Bates. 2,375,757; May 15.
Catalytic agents. W. E. Ross, S. H. McAllister, and J. Anderson. 2,370,195; Feb. 27.
Catalytic alkylation. P. D. Caesar and A. N. Sachanen. 2,373,999; Apr. 17.
Catalytic alkylation, Method and apparatus for. S. T. Hadden. 2,386,681; Oct. 9.
Catalytic alkylation process. W. E. Ross, S. H. McAllister, and J. Anderson. 2,389,550; Nov. 20.
Catalytic and thermal cracking, Combination. J. M. Barron. 2,379,471; July 3.
Catalytic combination process. R. F. Ruthruff. 2,366,218; Jan. 2.
Catalytic conversion. M. H. Arveson. 2,371,599; Mar. 20.
Catalytic conversion. M. H. Arveson. 2,372,165; Mar. 20.
Catalytic conversion. M. J. See. 2,380,490; July 31.
Catalytic conversion. M. Souders, Jr., and A. J. Cherniavsky. 2,371,477; Mar. 13.
Catalytic conversion. R. S. Treseder. 2,382,753; Aug. 14.
Catalytic conversion. J. D. Upham and I. L. Wolk. 2,376,564; May 22.
Catalytic conversion and regeneration system. I. L. Wolk and J. D. Upham. 2,374,151; Apr. 17.
Catalytic conversion of hydrocarbon oil. L. C. Huff. 2,380,760; July 31.
Catalytic conversion of hydrocarbon oils. Du B. Eastman and C. Richker. 2,378,292; June 12.
Catalytic conversion of hydrocarbon oils. Du B. Eastman and C. Richker. 2,382,039; Aug. 14.
Catalytic conversion of hydrocarbon oils. C. E. Hemminger. 2,379,711; July 3.
Catalytic conversion of hydrocarbon oils. C. W. Tyson. 2,382,755; Aug. 14.
Catalytic conversion of hydrocarbons. A. Belchetz. 2,374,073; Apr. 17.
Catalytic conversion of hydrocarbons. J. W. Jewell, G. D. Creelman, and W. H. Borcherding. 2,385,446; Sept. 25.
Catalytic conversion of hydrocarbons. E. R. Kanhofer. 2,379,159; June 26.
Catalytic conversion of hydrocarbons and catalyst therefor. M. M. Marisic. 2,387,596; Oct. 23.
Catalytic conversion of hydrocarbons, Continuous. N. F. Kubicek and M. T. Carpenter. 2,387,798; Oct. 30.
Catalytic conversion of residual hydrocarbon oils. S. B. Becker. 2,378,531; June 19.
Catalytic conversion process. L. Heard. 2,369,734; Feb. 20.
Catalytic conversion process. E. C. Lee and J. E. Ahlberg. 2,381,825; Aug. 7.
Catalytic conversion process. I. L. Wolk. 2,387,378; Oct. 23.
Catalytic conversion system. M. H. Arveson. 2,379,408; July 3.
Catalytic conversion system. M. M. Marisic. 2,389,378; Nov. 20.
Catalytic conversion system. D. E. Payne. 2,389,236; Nov. 20.
Catalytic conversions with regenerative contact masses, Executing. I. I. Shultz. 2,366,567; Jan. 2.
Catalytic cracking. D. L. Campbell. 2,386,032; Oct. 2.
Catalytic cracking. D. Read, Jr. 2,377,716; June 5.
Catalytic cracking-isomerization alkylation process. A. L. Foster. 2,385,806; Oct. 2.
Catalytic cracking of petroleum oils. W. A. Bailey, Jr. 2,385,325; Sept. 25.
Catalytic dehydrogenation. M. W. Conn. 2,389,342; Nov. 20.
Catalytic dehydrogenation. S. C. Fulton and K. K. Kearby. 2,383,643; Aug. 28.
Catalytic dehydrogenation. W. F. Huppke and T. Verneulen. 2,379,081; June 26.
Catalytic dehydrogenation. K. K. Kearby. 2,377,083; May 29.
Catalytic dehydrogenation of paraffin hydrocarbons to diolefin, Two-stage. R. G. Boatright, Jr., and W. C. Hewitt. 2,376,323; May 22.
Catalytic dehydrogenation process. K. H. Hachmuth. 2,386,947; Oct. 16.
Catalytic dehydrogenation process. G. M. Webb and M. A. Smith. 2,371,087–8; Mar. 6.
Catalytic desulphurization process. M. W. Conn. 2,378,064; June 12.
Catalytic heater. G. P. Schmitt. 2,384,852; Sept. 18.

Catalytic hydrocarbon conversion process. R. H. Newton. 2,371,181; Mar. 13.
Catalytic hydrocarbon conversion system. A. G. Oblad and L. Heard. 2,387,088; Oct. 16.
Catalytic hydrocarbon conversion system. G. W. Watts. 2,377,657; June 5.
Catalytic hydrogenation processes. A. S. Richardson and J. E. Taylor. 2,375,495; May 8.
Catalytic hydroxylation of olefinic double bonds. I. Bergsteinsson. 2,373,942; Apr. 17.
Catalytic isomerization. A. N. Sachanen and P. D. Caesar. 2,376,509; May 22.
Catalytic lighter. G. P. Schmitt. 2,368,381; Jan. 30.
Catalytic masses, Reducing the carbon-forming tendency of. B. B. Corson and C. D. Maxutov. 2,375,402; May 8.
Catalytic material, Regeneration of. F. E. Frey. 2,381,659; Aug. 7.
Catalytic material, Revivifying. L. Carlson. 2,370,713; Mar. 6.
Catalytic plants, Operation of. E. J. Houdry. 2,387,267; Oct. 23.
Catalytic polymerization of unsaturated organic compounds. R. F. Ruthruff. 2,379,656; July 3.
Catalytic polymers from high boiling unsaturated products of petroleum pyrolysis. W. C. Ault. 2,387,237; Oct. 23.
Catalytic process. M. H. Gorin. 2,383,123; Aug. 21.
Catalytic process. M. P. Matuszak. 2,378,651; June 19.
Catalytic process. I. L. Wolk and T. H. Whaley. 2,374,518; Apr. 24.
Catalytic process and apparatus. J. D. Upham and I. L. Wolk. 2,373,358; Apr. 10.
Catalytic process for converting liquid and gaseous hydrocarbons into antiknock spirit and aromatic hydrocarbons. M. Nitescu. 2,375,940; May 15.
Catalytic processes for converting hydrocarbons. R. F. Ruthruff. 2,366,217; Jan. 2.
Catalytic processes, Method and apparatus for. W. C. Edmister. 2,378,542; June 19.
Catalytic production of hydrogenated polymers. R. A. Bannerot, A. H. Boultbee, and B. S. Greensfelder. 2,379,410; July 3.
Catalytic reaction of isocyanates with organic compounds. H. S. Rothrock. 2,374,136; Apr. 17.
Catalytic reactions. C. R. Milone. 2,391,261; Dec. 18.
Catalytic reactions, Conducting. M. M. Marisic. 2,387,454; Oct. 23.
Catalytic reactions, Effecting. J. D. Upham. 2,374,511; Apr. 24.
Catalytic reactor. V. O. Bowles. 2,385,189; Sept. 18.
Catalytic reforming. R. G. Gunness. 2,388,536; Nov. 6.
Catalytic reforming. W. J. Mattox. 2,373,254; Apr. 10.
Catalytic reforming. C. L. Thomas and J. E. Ahlberg. 2,371,079; Mar. 6.
Catalytic treatment of hydrocarbon oils. W. A. Bailey, Jr. 2,385,326; Sept. 25.
Catalytic treatment of hydrocarbons. W. A. Schulze. 2,380,875; July 31.
Catalyzed abnormal addition reactions. T. W. Evans, W. E. Vaughan, and F. F. Rust. 2,376,675; May 22.
Catamenial device. V. Calhoun. 2,386,590; Oct. 9.
Catch. E. Borchers. 2,376,325; May 22.
Catch and making the same, Safety. H. W. Peters. 2,378,496; June 19.
Catch, Safety. E. Morehouse. 2,383,012–13; Aug. 21.
Catch, Safety snap. J. J. Holland. 2,377,939; June 12.
Catcher and remover, Rock. J. B. Sevey. 2,369,863; Feb. 20.
Catheters and the like, Adhesion preventing agent for. J. M. Auzin. 2,390,070; Dec. 4.
Catheters, Method and machine for making. N. C. Jeckel. 2,388,693; Nov. 13.
Cathode. R. J. Bondley. 2,367,332; Jan. 16.
Cathode. J. Hirmann. 2,370,538; Feb. 27.
Cathode and manufacture, Filamentary. J. Hirmann. 2,380,525; July 31.
Cathode construction. R. J. Bondley. 2,367,331; Jan. 16.
Cathode ray beam deflecting circuits. O. H. Schade. 2,382,822; Aug. 14.
Cathode-ray deflecting means. S. Hensen. 2,383,308; Aug. 21.
Cathode ray television tube. J. S. Vansant. 2,378,875; June 19.
Cathode-ray tube. M. Messner and E. Schantl. 2,378,569; June 19.
Cathode ray tube. K. Ohl. 2,375,815; May 15.
Cathode ray tube. V. J. Schaefer. 2,374,311; Apr. 24.
Cathode-ray tube. A. F. Stanier. 2,372,455; Mar. 27.
Cathode ray tube. H. H. Wolff. 2,370,700; Mar. 6.
Cathode ray tube and circuit. C. W. Hansell. 2,390,250; Dec. 4.
Cathode structure. P. G. Chevigny. 2,367,669; Jan. 23.
Cationic active compounds. D. W. Jayne, Jr., and H. M. Day. 2,391,831; Dec. 25.
Cations from aqueous solutions, Exchanging. O. Liebknecht. 2,378,307; June 12.
Cations from liquid media, Removing. G. F. D'Alelio. 2,373,547–9; Apr. 10.
Caustic, Transportation of. D. Means. 2,384,111; Sept. 4.
Ceiling. S. R. Naysmith. 2,376,715; May 22.
Ceiling hanger. J. E. Schlenkert. 2,376,279; May 15.
Ceiling jack. J. W. Van Patten. 2,371,561; Mar. 13.
Celestial navigation instrument. F. Chamberlain. 2,378,981; June 26.
Cell, Blocking layer. C. de Lange and C. L. Boucher. 2,388,532; Nov. 6.
Cell, Electrolytic. D. R. Means. 2,368,861; Feb. 6.
Cell for field coils, Molded. J. S. Askey. 2,381,245; Aug. 7.
Cell, Fuel. R. Gunn and W. C. Hall. 2,394,463; Sept. 11.
Cellular paperboard container. E. J. Rau. 2,366,557; Jan. 2.
Cellulose containing structures, Disintegrating. M. J Stacom. 2,374,046; Apr. 17.
Cellulose derivative articles, Treatment of. R. W. Moncrieff and C. W. Sammons. 2,387,168; Oct. 16.
Cellulose derivative composition. F. E. Piech. 2,372,980; Apr. 3.
Cellulose derivative compositions, Gelable. W. F. Hunter, Jr., H. A. Tanner, and R. E. Gillmor. 2,367,503; Jan. 16.
Cellulose derivative extrusion process. C. R. Fordyce and G. J. Clarke. 2,367,493; Jan. 16.
Cellulose derivatives and preparing the same. J. A. Roux. 2,369,411; Feb. 13.
Cellulose derivatives and their production, Insoluble. C. Coolidge and J. S. Reese, IV. 2,375,838; May 15.
Cellulose derivatives, Production of. H. Dreyfus. 2,376,422; May 22.
Cellulose derivatives, Production of. H. Dreyfus. 2,380,157; July 10.
Cellulose derivatives with nitro dyes, Dyeing of. H. C. Olpin and C. S. Argyle. 2,368,723; Feb. 6.
Cellulose ester manufacture. F. P. Alles. 2,376,890–1; May 29.
Cellulose esters, Production of. G. W. Seymour, M. E. Martin, and R. D. Rowley. 2,373,786; Apr. 17.
Cellulose esters stabilized against discloration, Preparing high butyryl. C. J. Malm. 2,371,768; Mar. 20.
Cellulose ether composition. W. E. Gloor. 2,389,354; Nov. 20.
Cellulose ethers and producing the same. F. H. Reichel and R. T. K. Cornwell. 2,388,764; Nov. 13.
Cellulose for nitration, Preparation of wood pulp. W. E. Sillick. 2,384,853; Sept. 18.
Cellulose matter and resulting product, Processes for treating. C. Luckhaupt. 2,387,801; Oct. 30.
Cellulose nitrate, Manufacture of. R. H. McKee. 2,377,435; June 5.
Cellulose nitrate, Preparation of. W. E. Sillick. 2,367,533; Jan. 16.
Cellulose propionate and making, High viscosity. R. E. Fothergill. 2,372,565; Mar. 27.
Cellulose, Treatment of. R. B. Darling. 2,382,399; Aug. 14.
Cellulosic fabrics, Finishing. H. I. Huey and W. W. Russell. 2,378,360; June 12.
Cellulosic material. R. A. Bierwirth. 2,373,374; Apr. 10.
Cellulosic material and abrasive article and making the same, Sheeted. B. S. Cross. 2,386,780; Oct. 16.
Cellulosic material, Bleaching. C. A. Hampel. 2,367,771; Jan. 23.
Cellulosic materials, Treating. C. I. Haney and M. E. Martin. 2,391,569; Dec. 25.
Cellulosic pulp, Treatment of. S. M. Edelstein. 2,368,527; Jan. 30.
Cellulosic textile materials, Modifying the dyeing and other properties of. J. H. MacGregor. 2,375,124; May 1.
Cement and retarding the setting rate thereof, Portland. M. A. Swayze. 2,374,628; Apr. 24.
Cement composition and making same. E. W. Scripture, Jr. 2,383,891; Aug. 28.
Cement compositions, Treatment of hydraulic. C. A. Owens. 2,374,562; Apr. 24.
Cement container. E. B. Wagner. 2,374,397; Apr. 24.
Cement conveying can. H. A. Wagner and G. H. Wagner. 2,374,398; Apr. 24.
Cement, Manufacture of. L. R. Sherman and C. R. Bartels. 2,390,225; Dec. 4.
Cement, particularly useful as a coating, Silicate. C. L. Jewett. 2,378,927; June 26.
Cement, Plastic. H. Ford, R. A. Boyer, and P. J. Beyer. 2,376,133; May 15.
Cement product and the manufacture thereof, Coated. H. M. Marc. 2,372,284; Mar. 27.
Cement, Quick curing neoprene. L. S. Bake. 2,384,269; Sept. 4.
Cement, Quick setting. E. Wainer and A. Salomon. 2,391,493; Dec. 25.
Cement, Slow setting. L. S. Brown. 2,374,581; Apr. 24.
Cement softener and using the same. E. C. Pitman. 2,366,353; Jan. 2.
Cement, Tabbing. H. Zimmerman. 2,387,967; Oct. 30.
Cementing between multiple sands. A. Boynton. 2,374,169; Apr. 24.
Cementing process. R. E. Christ. 2,367,670; Jan. 23.
Cementing wells. C. A. Brokaw. 2,387,493; Oct. 23.
Cementitious anchorable hanger support. G. E. Moore. 2,385,296; Sept. 18.
Cementitiously casing submerged piling. H. Gast and F. W. Freeman. 2,373,885; Apr. 17.
Cements. S. G. Saunders and H. Morrison. 2,376,854; May 22.
Cements, Plastic sealing. J. D. Morgan and R. E. Lowe. 2,389,926; Nov. 27.
Center bearing. S. Bochonok. 2,390,493; Dec. 11.

Center finder for tunnel excavations and the like. J. J. Kinney. 2,376,700; May 22.
Center for lathes and grinders, Rotatable. E. L. Roofe. 2,366,806; Jan. 9.
Center-of-gravity location indicator. J. H. Hutton. 2,391,243; Dec. 18.
Center of gravity location indicator. C. R. McWhorter. 2,391,257; Dec. 18.
Centering attachment. R. C. Turner. 2,373,927; Apr. 17.
Centering device, Casing. M. C. Johnson. 2,388,416; Nov. 6.
Centering device for electron guns. S. J. Koch and J. H. Robillard. 2,379,488; July 3.
Centering means for boring machines. W. F. Mitchell. 2,391,183; Dec. 18.
Centering tool. C. B. Alvis. 2,379,406; July 3.
Central electrode support. S. A. Scherbatskoy. 2,390,965; Dec. 11.
Centralized traffic controlling system for railroads. S. N. Wight. 2,368,957; Feb. 6.
Centralizing device for brake shoes. S. Schnell. 2,380,796; July 31.
Centralizing mechanism. C. M. Friden and A. B. Machado. 2,380,642; July 31.
Centrifugal. G. M. Norman and J. Stuart II. 2,382,574; Aug. 14.
Centrifugal. A. H. Schutte. 2,379,993; July 10.
Centrifugal abrasive-sheet holding wheel. R. S. Gutsell. 2,377,880; June 12.
Centrifugal air compressor. A. L. Berger. 2,390,504; Dec. 11.
Centrifugal casting machine. L. Greenberg. 2,370,953; Mar. 6.
Centrifugal clutch. G. W. Hayter. 2,368,299; Jan. 30.
Centrifugal clutch. A. D. Pentz. 2,367,048; Jan. 9.
Centrifugal clutch. N. B. Wilson. 2,381,196; Aug. 7.
Centrifugal compressor. D. R. Shoults. 2,373,713; Apr. 17.
Centrifugal compressor entry vane construction. F. P. Sollinger. 2,384,265; Sept. 4.
Centrifugal cutting pump. A. C. Durdin, Jr. 2,371,681; Mar. 20.
Centrifugal device. R. W. Esarey. 2,372,064; Mar. 20.
Centrifugal dust separator. H. van Tongeren. 2,378,600; June 19.
Centrifugal machine. E. M. Shideler and H. L. Bloxom. 2,387,095; Oct. 16.
Centrifugal machine and driving system therefor. J. Hertrich. 2,380,595; July 31.
Centrifugal or rotary pump. T. A. Maroney. 2,371,250; Mar. 13.
Centrifugal pump. C. Blom. 2,368,962; Feb. 6.
Centrifugal pump. G. P. E. Howard. 2,366,964; Jan. 9.
Centrifugal pump. I. J. Karassik. 2,386,898; Oct. 16.
Centrifugal pump. F. Miess. 2,376,071; May 15.
Centrifugal pump. J. G. Read. 2,385,730; Sept. 25.
Centrifugal pump. G. F. Wislicenus. 2,376,528; May 22.
Centrifugal pump. C. E. Wuensch. 2,382,839; Aug. 14.
Centrifugal pump for liquid, Motor-driven. G. C. Meredew. 2,384,254; Sept. 4.
Centrifugal separating apparatus, Multistage. P. Pootjes. 2,372,514; Mar. 27.
Centrifugal separator. W. H. Bath. 2,380,014; July 10.
Centrifugal separator. L. D. Jones and W. H. Bath. 2,370,315; Feb. 27.
Centrifugal separator. J. F. Tholl. 2,384,784; Sept. 11.
Centrifugal separator pan. R. W. Muerle. 2,379,647; July 3.
Centrifugal separator pump. R. R. Curtis. 2,379,133; June 26.
Centrifugal spark control mechanism for flywheel magnetos. R. E. Phelon. 2,388,994; Nov. 13.
Centrifugal throwing wheel. C. E. Unger. 2,376,639; May 22.
Centrifuging machine. H. Crewdson. 2,383,240; Aug. 21.
Ceramic bodies. I. E. Sproat. 2,380,198; July 10.
Ceramic bodies and producing same. H. L. Crowley and A. M. Hossenlopp. 2,382,136; Aug. 14.
Ceramic color, Application of. E. Hardesty. 2,383,190–1; Aug. 21.
Ceramic combustion chamber, Prefabricated. F. Christenson. 2,370,008; Feb. 20.
Ceramic composition. W. H. Hicks. 2,388,060; Oct. 30.
Ceramic material. M. D. Rigterink. 2,386,633; Oct. 9.
Ceramic material, Preparing reinforced. J. R. Parsons. 2,371,353; Mar. 13.
Ceramic preparation. E. Wainer. 2,369,327; Feb. 13.
Ceramic wares, Manufacture of. H. R. Straight. 2,388,446; Nov. 6.
Ceramics, Glazed. R. Russell, Jr. 2,389,386; Nov. 20.
Ceramics, High dielectric constant. E. Wainer and A. N. Salomon. 2,377,910; June 12.
Cereal grains, Treating. A. K. Balls and W. S. Hale. 2,381,421; Aug. 7.
Cereal product, Making. F. A. Collatz. 2,388,904; Nov. 13.
Cereals, Treatment of. J. C. Baker. 2,379,335; June 26.
Chain: *See*—
Conveyer chain.
Cutter chain.
Nonskid chain.
Potato grader chain.
Roller chain.
Shouldered transfer chain.
Silent type chain.
Chain attachment. A. W. Lemmon. 2,377,253; May 24.
Chain bed motion for printing presses. W. M. Kelly, 2,371,693; Mar. 20.
Chain clamp. F. R. Harris. 2,387,509; Oct. 23.
Chain filling machine. F. Armbrust and A. G. Reibling. 2,371,141; Mar. 13.
Chain hoist. R. E. Nelles. 2,374,450; Apr. 24.
Chain intermediates, Making long. L. I. Smith and G. F. Rouault. 2,376,286; May 15.
Chain link blank, and making chain links. H. St. Pierre. 2,382,345; Aug. 14.
Chain links, Treatment of. H. St. Pierre. 2,374,392; Apr. 24.
Chain lock or fastener. E. W. Lowe. 2,379,014; June 26.
Chain saw machine. A. W. Mall. 2,370,556; Feb. 27.
Chain saw tooth setting device. E. E. Lambert. 2,385,868; Oct. 2.
Chain transmission more particularly for cycles. G. Lapeyre. 2,368,147; Jan. 30.
Chains, Compression resistant. K. Bender. 2,375,461; May 8.
Chains, Compression resistant group of flat link. K. Bender. 2,375,462; May 8.
Chair: *See*—
Adjustable chair.
Baby's bath chair.
Collapsible chair.
Convertible chair.
Folding chair.
Folding highchair.
Folding wheel chair.
Hospital chair.
Lawn chair.
Posture chair.
Reclining chair.
Revolving chair.
Swivel chair.
Wheeled invalid chair.
Chair. O. W. Bolick, Sr. 2,374,801; May 1.
Chair. E. C. Booth. 2,381,718; Aug. 7.
Chair. M. Greitzer. 2,390,878; Dec. 11.
Chair. E. L. Koenig. 2,369,580; Feb. 13.
Chair. H. P. Nordmark. 2,371,256; Mar. 13.
Chair. H. P. Nordmark. 2,378,495; June 19.
Chair and music stand unit. M. E. Shick. 2,375,696; May 8.
Chair arm attachment, Star-shaped ash tray. J. Liakopulos. 2,375,565; May 8.
Chamber door construction. E. Lodwig. 2,368,935; Feb. 6.
Chamber for aircraft, Supercharged. R. T. Hurley. 2,373,185; Apr. 10.
Chamber for conditioning air. O. C. Daiber. 2,376,345; May 22.
Chambers, Depressuring catalyst-containing. I. Mayer. 2,373,043; Apr. 3.
Chamfering gears, Method and machine for. J. E. Gleason. 2,369,963; Feb. 20.
Chamfering tool. D. Heyer. 2,373,474; Apr. 10.
Change speed device. J. M. Kenworthy. 2,377,697; June 5.
Changeable price sign. A. H. Pulver, Jr. 2,388,180; Oct. 30.
Channel, Circulating water. C. A. Lee. 2,382,999; Aug. 21.
Channel closing machine. L. E. Proulx. 2,390,616; Dec. 11.
Channel edges for welding, Upsetting. D. W. Sherman. 2,377,974; June 12.
Char, Carbonaceous. J. F. Rush. 2,378,246; June 12.
Charcoal grill. M. Gilbert. 2,375,913; May 15.
Charge feeding system for internal-combustion engines. A. P. E. Planiol. 2,374,130; Apr. 17.
Charge former. F. Gosslau, J. Schmidt, and G. Weiche. 2,369,665; Feb. 20.
Charge forming apparatus, Internal-combustion engine. R. M. Anderson. 2,375,883; May 15.
Charge forming device. M. E. Chandler. 2,372,356; Mar. 27.
Charge forming device. B. Drysdale. 2,386,388; Oct. 9.
Charge forming device. G. Gerson. 2,391,410; Dec. 25.
Charge forming device. F. C. Mock. 2,372,332; Mar. 27.
Charge forming device. F. P. Roumillat. 2,370,261; Feb. 27.
Charge forming device. H. W. Smith and D. D. Paxton. 2,385,112; Sept. 18.
Charge forming device for internal-combustion engines. R. C. Cone. 2,386,594; Oct. 9.
Charge, Gun. J. E. Chapman. 2,384,724–5; Sept. 11.
Charge preparation. I. D. Wagner, L. D. Fetterolf, R. K. Waring, and G. T. Mahler. 2,390,016; Nov. 27.
Charger, Battery. R. D. Amsden. 2,366,466; Jan. 2.
Charger motor. G. W. Pontius, III. 2,389,996; Nov. 27.
Charging apparatus for storing batteries. A. C. Fletcher. 2,366,505; Jan. 2.
Charging mechanism for automatic firearms. G. Webb. 2,372,463; Mar. 27.
Chart, B. H. Williams. 2,386,644; Oct. 9.
Chart, Child's growing record. N. P. Steckler. 2,369,988; Feb. 20.
Chart changer. J. A. Swindle. 2,381,188; Aug. 7.
Chaser adjusting means. D. R. Powell and W. L. Moore. 2,387,291; Oct. 23.
Chaser holding means. D. R. Powell and W. L. Moore. 2,378,431; June 19.
Chasers, Grinding. J. P. Gorman. 2,371,515; Mar. 13.
Chassis for tanks, Motor vehicle. H. C. Harbers. 2,374,196; Apr. 24.
Chassis, Motor vehicle. H. E. Willock. 2,366,166; Jan. 2.
Check and control system for molding machine, Operation. W. Strauss. 2,371,077; Mar. 6.

Check and control system for molding machines, Operation. W. Strauss. 2,391,362; Dec. 18.
Check board for games. W. C. Durkin. 2,382,005; Aug. 14.
Check controlled apparatus. W. W. Bowman. 2,386,191; Oct. 9.
Check, Door. H. Singer. 2,376,285; May 15.
Checking. C. E. Galley. 2,386,103; Oct. 2.
Checkstrap. L. J. Carter. 2,371,025; Mar. 6.
Check strap. H. J. Shivell. 2,374,042; Apr. 17.
Check valve. C. R. Flint. 2,390,527; Dec. 11.
Check valve. J. Hirshstein. 2,383,481–2; Aug. 28.
Check valve. H. B. Lee. 2,368,149; Jan. 30.
Check valve. C. R. Stewart. 2,372,456; Mar. 27.
Check valve device. J. D. Langdon. 2,372,726; Apr. 3.
Checker game. J. J. Vollmer. 2,379,465; July 3.
Checking machine. H. Spedding. 2,368,579; Jan. 30.
Cheese forming apparatus and method. T. Petersen. 2,366,553; Jan. 2.
Cheese, Making. Z. D. Roundy and H. L. Keil. 2,370,878–9; Mar. 6.
Cheese package. J. E. Snyder. 2,383,352; Aug. 21.
Chemical apparatus for the manufacture of explosives. H. O. Richardson. 2,385,162; Sept. 18.
Chemical coatings on metal, Expediting. R. R. Tanner. 2,373,433; Apr. 10.
Chemical composition. G. E. Phillips. 2,384,960; Sept. 18.
Chemical compound. J. G. Lichty. 2,386,694; Oct. 9.
Chemical compound and making same, New. M. De Groote and B. Keiser. 2,381,115; Aug. 7.
Chemical compound and producing same. A. F. Wirtel. 2,375,606; May 8.
Chemical compounds. F. J. Cahn and B. R. Harris. 2,371,097; Mar. 6.
Chemical compounds. W. L. Ruigh. 2,378,435; June 19.
Chemical compounds and preparing same. A. K. Epstein and M. Katzman. 2,368,208; Jan. 30.
Chemical compounds from materials of nature, Isolating. H. G. Petering and P. W. Morgal. 2,383,561; Aug. 28.
Chemical feeding pump. J. F. Singleton. 2,383,422; Aug. 21.
Chemical heating container. G. M. Babcock, F. B. Rethwisch, and V. E. Furnas. 2,384,720; Sept. 11.
Chemical immersion heater. W. A. Caldwell. 2,386,654; Oct. 9.
Chemical immersion heater. W. A. Caldwell. 2,388,466; Nov. 6.
Chemical manufacture. W. L. Finley. 2,379,290; June 26.
Chemical mixtures, Forming. C. T. Harding. 2,374,933; May 1.
Chemical process. H. R. Batchelder. 2,383,363; Aug. 21.
Chemical process. J. Harmon. 2,390,099; Dec. 4.
Chemical process. C. E. Hemminger. 2,376,139; May 15.
Chemical process. P. W. Janeway, Jr. 2,366,901; Jan. 9.
Chemical process. K. K. Kearby. 2,384,311; Sept. 4.
Chemical process. J. W. Robinson. 2,383,617; Aug. 28.
Chemical process. B. E. Roetheli and W. G. Scharmann. 2,376,190; May 15.
Chemical process. B. E. Roetheli and W. G. Scharmann. 2,376,191; May 15.
Chemical process. W. F. Rollman. 2,377,107; May 29.
Chemical process. M. Sveda. 2,383,752; Aug. 28.
Chemical process and product. F. W. Breuer. 2,366,311; Jan. 2.
Chemical process and product. H. S. Isbell. 2,380,444; July 31.
Chemical process and product. F. J. Soday. 2,376,396; May 22.
Chemical process and product. F. J. Soday. 2,384,855; Sept. 18.
Chemical process and product. F. J. Soday. 2,389,647; Nov. 27.
Chemical process and product. F. J. Soday. 2,390,190; Dec. 4.
Chemical process and product. A. L. Ward. 2,388,583–4; Nov. 6.
Chemical processes. H. R. Rosenberg. 2,386,635; Oct. 9.
Chemical processes and products. A. D. Johnson. 2,381,960; Aug. 14.
Chemical reactions. C. W. Tyson. 2,391,366; Dec. 18.
Chemical reactions and physical treatments, Process of and apparatus for facilitating and controlling. J. C. Hartley. 2,371,619; Mar. 20.
Chemical reactions or physical treatments, Facilitating and controlling. G. D. Dill. 2,381,119; Aug. 7.
Chemical sensitizing of emulsions. W. J. Weyerts. 2,380,280; July 10.
Chemicals, Nitrogen generating. E. T. Rainier and D. M. French. 2,371,707; Mar. 20.
Chest, Cedar. E. C. Crocker. 2,386,440; Oct. 9.
Chest construction, Steam. G. M. Mierley. 2,367,134; Jan. 9.
Chest protector. M. Morgan. 2,385,877; Oct. 2.
Chewing gum base. J. E. Moose. 2,383,145; Aug. 21.
Chewing gum base. G. B. Mustin. 2,366,672; Jan. 2.
Chewing gum material. G. Spiller. 2,367,380; Jan. 16.
Child's folding vehicle. D. R. Winslow. 2,377,198; May 29.
Child's vehicle. M. L. Shuler. 2,375,389; May 8.
Chilling cabinet. T. R. Paulson. 2,390,030; Nov. 27.
Chime and head, Drum. W. I. Hanrahan. 2,386,312; Oct. 9.
Chime signal. J. R. Corbett. 2,386,738; Oct. 9.
Chimney construction. R. W. McLaughlin. 2,381,548; Aug. 7.
Chimney liner extension. L. H. Munyon. 2,381,178; Aug. 7.
Chip breaker. H. R. Johnson. 2,375,367; May 8.
Chip breaking structure. E. J. Kingsbury. 2,391,463; Dec. 25.
Chipper knife assembly. S. D. Payzer and N. A. Gray. 2,388,799; Nov. 13.
Chiropractic adjustment table. J. G. Norris. 2,381,922; Aug. 14.
Chlor benzyl xanthates. E. S. Blake and K. L. Godfrey. 2,381,483; Aug. 7.
Chlorcarbonates and preparation, Unsaturated. F. E. Küng. 2,377,085; May 29.
Chlorhydrins and polyhydric alcohols from olefins, Preparation of. C. F. Reed. 2,378,104; June 12.
Chloride and products thereof, Producing anhydrous pure para acetylamine benzene sulphonyl chloride and product thereof. H. W. Coward and L. M. Shafer. 2,369,023; Feb. 6.
Chloride, Anhydrous magnesium, Production of. R. Lepsoe, G. S. Ortner, and J. H. Salter. 2,384,479; Sept. 11.
Chloride, Cellular rubber. G. R. Cuthbertson. 2,371,382; Mar. 13.
Chloride compositions, Porous polyvinyl. H. Berg and M. Doriat. 2,371,868; Mar. 20.
Chloride compositions, Stabilizer for polyvinyl. G. H. Taft. 2,378,739; June 19.
Chloride compositions, Vinylidene. E. C. Britton. 2,384,886; Sept. 18.
Chloride compositions, Vinylidene. E. C. Britton and H. W. Moll. 2,384,880–5; Sept. 18.
Chloride compositions, Vinylidene. E. C. Britton and H. W. Moll. 2,385,256; Sept. 18.
Chloride compositions, Vinylidene. A. W. Hanson and W. C. Goggin. 2,384,910; Sept. 18.
Chloride compositions, Vinylidene. F. B. Smith. 2,384,973; Sept. 18.
Chloride, Fabricating polymeric vinylidene. R. M. Wiley. 2,385,318; Sept. 18.
Chloride fibers, Crinkled polymeric vinylidene. W. B. Robbins. 2,377,810; June 5.
Chloride, Preparation of trimethylsilicon. R. R. McGregor and E. L. Warrick. 2,386,488; Oct. 9.
Chloride, Producing ferrous. T. C. Oliver, R. D. Long, and L. H. Crosson. 2,374,453; Apr. 24.
Chloride, Production of hydroylammonium. P. F. Tryon. 2,377,193; May 29.
Chloride, Production of refined cyanogen. J. T. Thurston and R. L. Sperry. 2,391,490; Dec. 25.
Chloride, Purifying anhydrous aluminum. P. M. Arnold. 2,387,228; Oct. 23.
Chlorides of chromium, Treatment of. A. Pechukas. 2,368,323; Jan. 30.
Chlorides of neohexane, Secondary. A. W. Horton. 2,385,444; Sept. 25.
Chlorinated aliphatic hydrocarbons, Production of. J. S. Sconce, J. T. Rucker, S. E. Whitmire, and W. R. Schoonover. 2,385,475; Sept. 25.
Chlorinated synthetic rubber. G. F. D'Alelio. 2,380,726; July 31.
Chlorinating apparatus. W. Loewenstern. 2,389,524; Nov. 20.
Chlorinating polymeric materials. R. G. R. Bacon and W. J. R. Evans. 2,379,409; July 3.
Chlorination of pyrazine. J. M. Sayward. 2,391,745; Dec. 25.
Chlorination of tertiary olefins, Substitution. H. E. Bue and C. W. Muessig. 2,380,500; July 31.
Chlorine and sodium sulphate, Manufacture of. R. K. Iler. 2,375,001; May 1.
Chlorine and sulphur dioxide, Separation of. J. K. Farrell and W. C. Eichelberger. 2,377,138; May 29.
Chlorine by distillation, Separating sulphur dioxide. H. C. Carlson. 2,381,876. Aug. 14.
Chlorine compositions, Vinylidene. L. A. Matheson. 2,384,947; Sept. 18.
Chlorine detection by electrode depolarization. H. C. Marks. 2,370,871; Mar. 6.
Chlorine dioxide and nitrogen oxides, Preparation of. C. H. Evans. 2,390,432; Dec. 4.
Chlorine dioxide manufacture. S. H. Persson. 2,376,935; May 29.
Chlorine dioxide, Producing. T. G. Holst. 2,373,830; Apr. 17.
Chlorine, Manufacture of. F. J. McAdam. 2,375,011; May 1.
Chlorine, Production of. F. P. Kerschbaum. 2,369,301; Feb. 13.
Chloroaniline antifoggants. G. E. Fallesen. 2,384,613; Sept. 11.
Chlorobutadienes from butane, Manufacture of. A. S. Carter and F. W. Johnson. 2,381,037; Aug. 7.
Chloroindanthrones, Preparing. D. X. Klein. 2,377,158; May 29.
Chloroprene by pyrolysis, Production of. G. W. Hearne and M. L. Adams. 2,391,827; Dec. 25.
Chloroprene compositions, Polymerized. A. D. Macdonald and J. H. Rishton. 2,386,403; Oct. 9.
Cholesterol, Preparation of. J. D. Porsche. 2,371,467; Mar. 13.

Chopper or blocker apparatus. J. H. Yates and M. Thomas. 2,382,689; Aug. 14.
Chopper, Revolving. L. W. Leeper. 2,389,790; Nov. 27.
Chorionic gonadotropic hormone, Obtaining. E. A. Doisy and P. A. Katzman. 2,375,979; May 15.
Chromans and intermediates and producing same. L. I. Smith and H. C. Miller. 2,372,132; Mar. 20.
Chromates, Producing. L. M. Kebrich. 2,382,157; Aug. 14.
Chromic chloride, Condensation of. I. E. Muskat. 2,368,319; Jan. 30.
Chromito-chromate pigment and making, Basic alkaline earth. G. D. Patterson and C. K. Sloan. 2,387,528; Oct. 23.
Chromium, Electrolytic disposition of. C. G. Harford. 2,377,229; May 29.
Chromium oxide pigments, Manufacture of composite. C. Slonim. 2,369,261; Feb. 13.
Chromium recovery. M. J. Udy. 2,381,236; Aug. 7.
Chromium recovery. M. J. Udy. 2,381,565; Aug. 7.
Chuck. H. H. Blake, Jr. 2,374,725; May 1.
Chuck. E. C. Clarke. 2,378,188; June 12.
Chuck. W. W. Eitel. 2,385,971; Oct. 2.
Chuck. N. A. Harrison. 2,384,302; Sept. 4.
Chuck. N. H. Iversen. 2,386,469; Oct. 9.
Chuck. A. J. Jones. 2,389,366; Nov. 20.
Chuck. A. C. Koett. 2,372,006; Mar. 20.
Chuck. R. G. Le Tourneau. 2,379,091; June 26.
Chuck. E. R. Lowe. 2,373,321; Apr. 10.
Chuck. M. J. McCombs. 2,368,858; Feb. 6.
Chuck. G. J. Meyer. 2,387,339; Oct. 23.
Chuck. T. Nelson. 2,378,720; June 19.
Chuck. C. A. Palmgren. 2,389,536; Nov. 20.
Chuck. A. M. Stoner. 2,372,691; Apr. 3.
Chuck and electrode. H. V. Harding. 2,374,348; Apr. 24.
Chuck attachment. C. P. Stewart. 2,381,087; Aug. 7.
Chuck, Centrifugal. V. Grey. 2,367,863; Jan. 23.
Chuck, Collet. W. C. Cope. 2,391,550; Dec. 25.
Chuck, Collet. C. W. Hoppe. 2,370,729; Mar. 6.
Chuck, Collet. E. B. Phillips. 2,383,156; Aug. 21.
Chuck, Collet. F. M. Shaw. 2,376,093; May 15.
Chuck device, Automatic. G. Jellinek. 2,386,960; Oct. 16.
Chuck, Drill. H. H. Talboys and H. E. Erickson. 2,389,749; Nov. 27.
Chuck, Expansion. M. C. Alyea. 2,379,210; June 26.
Chuck for drills, reamers, milling cutters, and like tools. C. H. Clare. 2,381,335; Aug. 7.
Chuck for frazing machines. E. E. Calhoun. 2,385,346; Sept. 25.
Chuck for small drills. T. L. Stalker. 2,369,321; Feb. 13.
Chuck for winding machines. J. W. Miller. 2,370,563; Feb. 27.
Chuck handling device. C. M. Carr. 2,369,280; Feb. 13.
Chuck mechanism. J. C. Curtis. 2,385,349; Sept. 25.
Chuckoperating mechanism, Collet. O. Kylin. 2,375,115; May 1.
Chuck or holder. F. H. Clarkson. 2,367,998; Jan. 23.
Chuck, Quick change drill. H. F. Poutie. 2,370,487; Feb. 27.
Chuck spindle, Fluid actuated double ended. J. E. Lovely. 2,372,592; Mar. 27.
Chuck, Tool. A. Olchvary, Jr. 2,369,751; Feb. 20.
Chucking means for drill bits. J. F. McCarthy, Jr. 2,368,077; Jan. 23.
Chute. S. C. Hurley, Jr. 2,377,154; May 29.
Chute, Fire escape. H. D. Elwood. 2,381,809; Aug. 7.
Chute, Flexible. W. H. Nobles and J. E. Mills. 2,378,652; June 19.
Chute for hay balers, Discharge. S. H. Hunziker. 2,390,306; Dec. 4.
Chute for weft replenishing looms, Bobbin. R. G. Turner. 2,376,738; May 22.
Chute, Spark and slug catching. E. G. O'Connor. 2,380,188; July 10.
Cigar binders and the like, Paster for. S. Clausen. 2,391,294; Dec. 18.
Cigar bunches, Continuous process for forming. F. H. Wells. 2,367,911; Jan. 23.
Cigar header mechanism. J. P. Durning. 2,369,777; Feb. 20.
Cigar machine locking mechanism. J. F. Halstead. 2,376,355; May 22.
Cigar machine trimming and knurling mechanism. C. Olsson. 2,366,211; Jan. 2.
Cigars, Packing. K. E. Granstedt. 2,370,791; Mar. 6.
Cigarette and cigar holder. R. J. Cloutier. 2,371,426; Mar. 13.
Cigarette and safety match holder. M. Mayer. 2,369,364; Feb. 13.
Cigarette case. H. A. Husted. 2,378,774; June 19.
Cigarette container and lighter, Combination. R. Mayer. 2,373,772; Apr. 17.
Cigarette dispenser. C. Friesch. 2,370,398; Feb. 27.
Cigarette dispenser. N. Testi. 2,382,350; Aug. 14.
Cigarette dispenser and ash tray, Combination. E. R. Loudermilk. 2,390,657; Dec. 11.
Cigarette dispensing apparatus. E. King. 2,373,476; Apr. 10.
Cigarette holder. W. A. Olson. 2,385,227; Sept. 18.
Cigarette-making machine. J. C. Wahl. 2,376,103; May 15.
Cigarette or the like, Multiple. H. R. Bauer and W. A. Bogg. 2,389,104; Nov. 13.
Cigarette package cover. L. V. Bell. 2,388,519; Nov. 6.
Cinder draining and disposal plant. W. C. Richardson. 2,380,264; July 10.
Cinematograph apparatus. A. Redler. 2,390,389; Dec. 4.
Cipher machine. E. H. Hebern. 2,373,890; Apr. 17.
Circle cutting tool. W. F. Hubbell. 2,390,938; Dec. 11.
Circuit; *See*—
Amplifier circuit.
Antihunting circuit.
Arc decreasing circuit.
Audio frequency compensator circuit.
Automatic tuning control circuit.
Automatic volume control circuit.
Balanced cathode ray sweep circuit.
Cathode ray tube and circuit.
Control circuit.
Crystal oscillator circuit.
Delayed trigger circuit.
Discharge lamp circuit.
Electric circuit.
Electric control circuit.
Electric valve circuit.
Electrical circuit.
Electrical timing circuit.
Electron beam rotation synchronizing circuit.
Electron tube circuit.
Electronic control circuit.
Electronic tube circuit.
Feed-back circuit.
Fluorescent circuit.
Frequency control circuit.
Frequency discriminator circuit.
Headlight circuit.
High frequency coupling circuit.
Hydraulic circuit.
Keystone correction circuit.
Line usage recorder circuit.
Magnetic polarity changing circuit.
Microphone circuit.
Modulation circuit.
Oscillator circuit.
Oscillator-modulator circuit.
Oscillator stabilizing circuit.
Phase inverter circuit.
Photoelectric safety circuit.
Power output amplifier circuit.
Pulse-integrating circuit.
Range quadrant identification circuit.
Reactance control circuit.
Reactance tube circuit.
Receiver desensitizing circuit.
Rectifier battery charger circuit.
Reflex converter circuit.
Relay control circuit.
Remote control circuit.
Resonant circuit.
Selective control circuit.
Selective null transmission circuit.
Self-balancing inverter circuit.
Self-compensating amplifier tube circuit.
Self-pulsing circuit.
Substation circuit.
Telephone station circuit.
Telephone substation circuit.
Television amplifier circuit.
Temperature compensated tuned circuit.
Thermionic valve circuit.
Thermoelectric control circuit.
Thermostat control circuit.
Ultra-high frequency converter circuit.
Ultra high frequency vacuum tube circuit.
Variable grid circuit.
Voltage changing circuit.
Voltage limiting circuit.
Voltage modifying circuit.
Voltage regulator circuit.
Volume limiter circuit.
Wave control circuit.
Circuit and control system, Pulsating. P. Glass. 2,386,677; Oct. 9.
Circuit arrangement, Amplifier. T. H. Price. 2,383,888; Aug. 28.
Circuit arrangement for resistance elements having a high resistance-temperature coefficient. C. T. Scully. 2,375,497; May 8.
Circuit breaker. A. H. Baylis. 2,367,920; Jan. 23.
Circuit breaker. S. H. Boden and H. L. Peek. 2,383,288; Aug. 21.
Circuit breaker. J. D. Bolesky. 2,371,672; Mar. 20.
Circuit breaker. A. A. Bolsterli. 2,378,124; June 12.
Circuit breaker. T. M. Cole. 2,370,448; Feb. 27.
Circuit breaker. J. M. Cumming and H. L. Peek. 2,384,801; Sept. 18.
Circuit breaker. J. M. Cunningham. 2,384,802; Sept. 18.
Circuit breaker. L. W. Dyer. 2,370,024; Feb. 20.
Circuit breaker. L. W. Dyer and H. D. Dorfman. 2,376,759; May 22.
Circuit breaker. A. Estienne. 2,382,703; Aug. 14.
Circuit breaker. H. C. Graves, Jr. 2,372,778; Apr. 3.
Circuit breaker. E. A. Ileman. 2,386,611; Oct. 9.
Circuit breaker. O. S. Jennings. 2,385,001; Sept. 18.
Circuit breaker. F. Kesselring, F. Gieffers, and W. Kaufmann. 2,387,589; Oct. 23.
Circuit breaker. H. Langstroth. 2,381,294; Aug. 7.
Circuit breaker. T. Lindstrom and J. W. May. 2,370,054; Feb. 20.
Circuit breaker. J. W. May, W. H. Stuellein, and M. E. Horn. 2,383,403; Aug. 21.
Circuit breaker. S. J. Mitchell. 2,387,925; Oct. 30.
Circuit breaker. H. L. Peek. 2,379,178; June 26.
Circuit breaker. H. L. Peek and J. M. Cumming 2,381,307; Aug. 7.
Circuit breaker. A. B. Rypinski. 2,389,999; Nov. 27.
Circuit breaker. E. H. Taylor. 2,367,382; Jan. 16.
Circuit breaker. E. H. Taylor. 2,370,206; Feb. 27.
Circuit breaker. H. J. Webb, B. P. Baker, and A. M. Wahl. 2,374,058; Apr. 17.
Circuit breaker. H. M. Wilcox, B. P. Baker, and H. J. Webb. 2,374,062; Apr. 17.
Circuit breaker. M. B. Wood. 2,370,340; Feb. 27.
Circuit breaker. J. J. Zeller. 2,375,881; May 15.
Circuit breaker, Air blast. C. V. Foulds. 2,382,786; Aug. 14.

Circuit breaker and control therefor, Air blast. W. M. Scott, Jr. 2,390,128; Dec. 4.
Circuit breaker and control therefor, Air blast. W. M. Scott, Jr. 2,390,333; Dec. 4.
Circuit breaker and control therefor, Air blast. W. M. Scott, Jr. 2,390,966; Dec. 11.
Circuit breaker and ignition timing device. W. Ochsenbein. 2,386,136; Oct. 2.
Circuit breaker control. R. O. Bonine. 2,381,254; Aug. 7.
Circuit breaker control system. W. A. Derr. 2,390,782; Dec. 11.
Circuit breaker control system. W. R. Taliaferro. 2,385,042; Sept. 18.
Circuit breaker, Enclosed. H. D. Dorfman. 2,383,296; Aug. 21.
Circuit breaker, Fluid blast. C. H. Flurscheim. 2,391,826; Dec. 25.
Circuit breaker-movable contact. W. M. Scott, Jr. 2,375,328; May 8.
Circuit breaker, Multiple automatic. P. M. Christensen. 2,374,273; Apr. 24.
Circuit breaker operating mechanism. F. J. Pokorny. 2,390,735; Dec. 11.
Circuit breaker operating system. C. Thumim, E. J. Frank, and A. C. Boisseau. 2,389,942; Nov. 27.
Circuit breaker, Synchronously tripped. R. C. Van Sickle. 2,372,139; Mar. 20.
Circuit breaker system, Automatic reclosing. A. E. Anderson. 2,384,362; Sept. 4.
Circuit control and connection therefor. L. V. Lucia. 2,373,248; Apr. 10.
Circuit control device. L. D. Norton and V. L. Frykman. 2,374,561; Apr. 24.
Circuit control system. G. W. Nagel. 2,372,106; Mar. 20.
Circuit controller, Electromagnetic. L. Beeman. 2,371,601; Mar. 20.
Circuit controller, Electromagnetic. C. T. Evans. 2,385,779; Oct. 2.
Circuit-controlling apparatus. K. A. Oplinger. 2,390,809; Dec. 11.
Circuit controlling device. F. E. Finlayson. 2,367,014; Jan. 9.
Circuit controlling device. V. N. Reiff. 2,381,688; Aug. 7.
Circuit controlling device. C. F. Robbins. 2,375,387; May 8.
Circuit controlling device. C. F. Robbins. 2,376,506; May 22.
Circuit for cathode ray tubes, Sweep. V. E. Milward 2,383,333; Aug. 21.
Circuit for combustion motors, Electrical. O. H. Hasselbaum. 2,376,691; May 22.
Circuit for frequency modulation receivers, Limiter. C. E. Atkins. 2,390,502–3; Dec. 11.
Circuit for gaseous discharge devices, Nonstroboscopic. D. W. Abernathy. 2,368,090; Jan. 30.
Circuit for inductive heating, Oscillator. J. A. Hutcheson. 2,381,057; Aug. 7.
Circuit for oscilloscope, Expansion. H. A. Thompson. 2,375,709; May 8.
Circuit for oscilloscopes, Expander. E. D. Cook. 2,368,448–9; Jan. 30.
Circuit for presses, Hydraulic. G. W. Wacker. 2,379,668; July 3.
Circuit for railroads, Coded track. F. X. Rees. 2,366,988; Jan. 9.
Circuit for rectifiers, Protective. J. Dyson. 2,371,035; Mar. 6.
Circuit for sound recording apparatuses, Control. L. Thompson. Re. 22,606; Feb. 20.
Circuit for transformer-rectifier systems, Protective. R. O. Whitesell and P. B. Freeman. 2,386,526; Oct. 9.
Circuit including a thermo-responsive impedance element, Electric oscillation generating. H. S. Black. 2,375,273; May 8.
Circuit interrupter. E. E. Arnold. 2,381,244; Aug. 7.
Circuit interrupter. C. L. Denault. 2,389,346; Nov. 20.
Circuit interrupter. H. S. Gates. 2,367,937; Jan. 23.
Circuit interrupter. E. H. Hall. 2,381,353; Aug. 7.
Circuit interrupter. P. R. Lee. 2,374,022; Apr. 17.
Circuit interrupter. W. M. Leeds. 2,372,094; Mar. 20.
Circuit interrupter. W. M. Leeds and B. P. Baker; 2,372,859; Mar. 27.
Circuit interrupter. W. M. Leeds and B. P. Baker. 2,385,008; Sept. 18.
Circuit interrupter. H. L. Rawlins and J. M. Wallace. 2,376,809; May 22.
Circuit interrupter. C. L. Schuck. 2,391,748; Dec. 25.
Circuit interrupter. A. P. Strom. 2,389,392; Nov. 20.
Circuit interrupter, High voltage. R. H. Earle and R. H. Amundson. 2,386,886; Oct. 16.
Circuit interrupting apparatus. H. A. Triplett. 2,379,200; June 26.
Circuit-interrupting device. H. E. Strang, G. M. Reed, and L. J. Linde. 2,385,658; Sept. 25.
Circuit-interrupting device, Reclosing. G. F. Lincks. 2,380,769; July 31.
Circuit maker and breaker. J. X. Mathieu. 2,366,542; Jan. 2.
Circuit protective device. R. D. Nelson. 2,374,560; Apr. 24.
Circuit signaling system, Coded track. M. A. Scheg. 2,366,983; Jan. 9.
Circuit structure, High frequency. W. Hotine. 2,379,439; July 3.
Circuits. V. G. Vaughan. 2,375,967; May 15.
Circuits, Coded track. A. L. Jerome. 2,376,967; May 29.
Circuits, Combined discriminator and carrier filter. M. G. Crosby. 2,374,735; May 1.
Circuits, Constant current electrical. L. W. Houghton. 2,369,675; Feb. 20.
Circuits, Deflecting. T. T. Eaton. 2,373,748; Apr. 17.
Circuits, Discriminator. M. G. Crosby. 2,374,734; May 1.
Circuits, Electric control. D. P. Faulk. 2,372,068. Mar. 20.
Circuits, Electric control. G. L. Rogers. 2,372,017; Mar. 20.
Circuits, Electric wave. H. L. Barney. 2,370,221; Feb. 27.
Circuits, Feedback. C. J. Madsen. 2,372,101; Mar. 20.
Circuits for carrier systems. Gain control. A. M. Thornton and W. F. Baly. 2,382,588; Aug. 14.
Circuits for railroads, Coded track. M. A. Scheg and G. F. Wall. 2,366,984; Jan. 9.
Circuits, Frequency modulation detector. W. van B. Roberts. 2,379,748; July 3.
Circuits, Frequency modulation receiver. M. G. Crosby. 2,379,688; July 3.
Circuits, Manometer. C. J. Calbick. 2,375,280; May 8.
Circuits, Noise suppression. C. M. Campbell. 2,372,934; Apr. 3.
Circuits, Noise suppression. J. A. Worcester, Jr. 2,370,216; Feb. 27.
Circuits, Phase modulation detector. M. G. Crosby. 2,373,546; Apr. 10.
Circuits, Radio frequency. A. J. Maddock. 2,369,589; Feb. 13.
Circuits, Receiver feed-back. J. D. Booth. 2,367,923; Jan. 23.
Circuits, Supervision of electric power supply. E. M. S. McWhirter and R. H. Dunn. 2,377,506; June 5.
Circuits, Thermionic valve. P. K. Chatterjea and C. T. Scully. 2,383,710; Aug. 28.
Circuits, Thermionic valve receiving. P. K. Chatterjea and C. T. Scully. 2,391,130; Dec. 18.
Circuits, Time delay. A. J. Winchester, Jr. 2,389,396; Nov. 20.
Circular electric lamp. W. J. Geiger. 2,366,252; Jan. 2.
Circular knit hosiery and making same. H. N. Sheppard. 2,388,649; Nov. 6.
Circular knitting machine. T. C. Bromley and A. Short land. 2,385,056; Sept. 18.
Circular knitting machine provided with pattern means. H. Diem. 2,370,619; Mar. 6.
Circular objects, Machine for rolling. A. W. Doderer. 2,368,008; Jan. 23.
Circular tool. D. H. Montgomery. 2,374,879; May 1.
Circular unit heater. W. J. Hartwig. 2,370,309; Feb. 27.
Circulating means for refrigerator cars, Air. A. F. O'Conner. 2,386,002; Oct. 2.
Circulating system and heating means therefor, Liquid. P. G. Caldwell. 2,367,197; Jan. 16.
Circulating system, Lubricant. F. B. Hunter. 2,379,579; July 3.
Circulator for furnaces, Forced air. D. F. Jones. 2,370,795; Mar. 6.
Circumciser. A. J. Baker. 2,376,893–4; May 29.
Citrus juice powder and making same. H. T. Leo and C. C. Taylor. 2,367,131; Jan. 9.
Citrus oil flavoring materials. C. H. Epstein and N. R. Gotthoffer. 2,367,269; Jan. 16.
Clamp: *See*—
- Adjustable cable splicing clamp.
- Adjustable end hose clamp
- Battery terminal clamp.
- Bean clamp.
- Bimetallic clamp.
- C clamp.
- Cable clamp.
- Cable splicing clamp.
- Chain clamp.
- Conductor tap-off clamp.
- Conduit clamp.
- Cord clamp.
- Eccentric type steel plate lifting clamp.
- Fender shield attaching clamp.
- Guardrail clamp.
- Hinged clamp.
- Hold-down clamp.
- Hose clamp.
- Jig clamp.
- Orthodontic band clamp.
- Pincer lifting clamp.
- Plate clamp.
- Printing plate clamp.
- Quick-coupling clamp.
- Radio tube clamp.
- Rope clamp.
- Scaffold clamp.
- Separable handle and band clamp.
- Skin clamp.
- Stop leak pipe joint clamp.
- Tail stock clamp.
- Turret slide clamp.
- Twin claw battery clamp.
- Universal indicator clamp.
- Welder's clamp.
- Work-holding clamp.

Clamp. M. L. Albrecht and J. G. Birn. 2,381,480; Aug. 7.
Clamp. W. C. Bryant. 2,372,548; Mar. 27.
Clamp. E. E. Hagen and H. E. Muench. 2,381,349; Aug. 7.
Clamp. E. F. Joyce. 2,385,209; Sept. 18.
Clamp. M. C. Kees. 2,368,843; Feb. 6.
Clamp. E. D. Paul. 2,380,990; Aug. 7.
Clamp. F. J. Pringle. 2,383,078; Aug. 21.
Clamp. A. M. Sasgen. 2,374,899; May 1.
Clamp. T. Van Tuyl and C. B. Hale. 2,375,507; May 8.
Clamp. A. Venditty. 2,390,232; Dec. 4.
Clamp. F. C. Wallace. 2,370,336; Feb. 27.
Clamp. F. C. Wallace. 2,387,371; Oct. 23.

Clamp. F. C. Wallace. 2,391,604; Dec. 25.
Clamp. J. W. Wohlhieter. 2,388,201; Oct. 30.
Clamp applier, Hose. G. Gustafson. 2,371,439; Mar. 13.
Clamp applying tool. S. I. Petrie. 2,386,570; Oct. 9.
Clamp device. M. W. Askin. 2,374,263; Apr. 24.
Clamp for clothesline poles. R. B. Riegel. 2,379,377; June 26.
Clamp for draw benches or the like. W. A. Weightman. 2,380,277; July 10.
Clamp for electric welding machines, Ground cable. C. M. Blough. 2,374,324; Apr. 24.
Clamp for food choppers or the like, Adjustable. D. Papkin. 2,382,811; Aug. 14.
Clamp for mail pouches, Spring tensioned. F. M. Nevitt. 2,368,941; Feb. 6.
Clamp for master sheets of printing machines. L. H. Morse. 2,381,461; Aug. 7.
Clamp for packing jars, Closure hold-down spring. H. W. Ingle. 2,380,443; July 31.
Clamp for retaining the edges of a wound in apposition. R. G. Perham. 2,371,978; Mar. 20.
Clamp for spherical joints. C. M. De Woody. 2,388,633; Nov. 6.
Clamp or similar device, Locating. J. Atkinson. 2,375,746; May 15.
Clamp wrench. W. Scheck. 2,379,107; June 26.
Clamping and securing device. J. P. Cooke. 2,389,184; Nov. 20.
Clamping device. J. G. Britcliffe. 2,377,479; June 5.
Clamping device. H. Eastman. 2,381,340; Aug. 7.
Clamping device. E. L. Jacob. 2,383,435; Aug. 21.
Clamping device. B. Leuvelink. 2,382,428; Aug. 14.
Clamping device. L. L. Reidenbach. 2,383,683. Aug. 28.
Clamping device. P. F. Rossmann. 2,371,470; Mar. 13.
Clamping device. D. L. Shaver. 2,372,987; Apr. 3.
Clamping device, Automatic. T. J. C. Chapman. 2,366,666; Jan. 2.
Clamping device for planers and the like, Rail. C. W. Berthiez. 2,382,392; Aug. 14.
Clamping device, Toggled. J. Olson. 2,386,567; Oct. 9.
Clamping mechanism for machine tools. C. E. Linden and R. H. McClellan. 2,375,169; May 1.
Clamping mechanism for machine tools. C. E. Linden and R. H. McClellan. 2,380,055; July 10.
Clamping mechanism, Work. C. L. Eksergian and J. H. Coombes. 2,381,657; Aug. 7.
Clarifier, Compound. W. E. Geissler. 2,377,875; June 12.
Clarifying apparatus. S. W. Briggs and W. C. Bauer. 2,390,494; Dec. 11.
Clarifying device. S. W. Briggs, W. C. Bauer, and W. J. Ewbank. 2,374,976; May 1.
Clarinet attachment. C. A. Runyon, Jr. 2,390,275; Dec. 4.
Clasp. C. A. Domler. 2,369,724; Feb. 20.
Clasp. E. D. Hallock. 2,380,430; July 31.
Clasp. L. Oliver. 2,382,658; Aug. 14.
Clasp brake. R. G. Aurien. 2,385,909; Oct. 2.
Clasp for envelopes and the like. W. P. Cameron.
Clasp for split cylinders, Spring. S. V. Haas, Jr., and K. G. Strunk. 2,385,202; Sept. 18.
2,373,380; Apr. 10.
Clasp, Necktie and collar. J. H. Longenecker. 2,379,533; July 3.
Clasp, Pen and pencil. H. Singer. 2,384,703; Sept. 11.
Clasping device for bags, portfolios, envelopes, and the like. J. I. L. Israel. 2,385,576; Sept. 25.
Classifier, Liquid-operated. J. D. B. Phipps. 2,373,051; Apr. 3.
Classifying system for pulverized materials. H. Hardinge. 2,381,954; Aug. 14.
Clay to molds, Method and apparatus for feeding. W. J. Miller. 2,374,553; Apr. 24.
Clay working machine. J. Turner. 2,366,297; Jan. 2.
Clays, Treatment of. A. D. Garrison. 2,375,641; May 8.
Cleaner: *See*—
Air cleaner.
Automatic electrical air cleaner.
Beet cleaner.
Boiler cleaner.
Cotton cleaner.
Glass cleaner.
Loom grate cleaner.
Noiseless vacuum cleaner.
Oil washed air cleaner.
Paper machine cleaner.
Railroad track cleaner.
Smut remover and grain cleaner.
Solvent emulsion cleaner.
Spark plug cleaner.
Spray cleaner.
Suction cleaner.
Tube cleaner.
Vacuum cleaner.
Windshield cleaner.
Cleaner. F. Sebok. 2,378,506; June 19.
Cleaner and baffle element therefor, Air. G. E. Lundberg and A. R. Crawford. 2,387,080; Oct. 16.
Cleaner and purifier, Air. B. Sonntag. 2,369,375; Feb. 13.
Cleaner for type-casting machines, Knife. H. W. Michalke. 2,391,259; Dec. 18.
Cleaning and coating glass, plastics, and other surfaces. W. H. Colbert and A. R. Weinrich. 2,383,469; Aug. 28.
Cleaning and sizing machine, Berry. E. Rivers. 2,371,067; Mar. 6.
Cleaning and surface-coating glass and the like, Method of and apparatus for. W. L. Morgan. 2,383,470; Aug. 28.
Cleaning apparatus. E. J. McGuinness. 2,382,892; Aug. 14.
Cleaning apparatus. H. M. Weaver. 2,367,842; Jan. 23.
Cleaning apparatus for oil coolers. C. C. Melton. 2,380,604; July 31.
Cleaning apparatus, Suction. C. H. Taylor. 2,372,404; Mar. 27.
Cleaning apparatus, Suction. C. H. Taylor. 2,375,331; May 8.
Cleaning composition. J. D. Morgan and R. E. Lowe. 2,379,851; July 3.
Cleaning composition. G. W. Gregg. 2,386,789; Oct. 16.
Cleaning composition, Dry. L. H. Flett. 2,388,962; Nov. 13.
Cleaning composition, Hand. J. D. Morgan and R. E. Lowe. 2,383,610; Aug. 28.
Cleaning composition, Skin. S. O. Fiedler. 2,380,830; July 31.
Cleaning device. M. B. Herbrick. 2,367,774; Jan. 23.
Cleaning device. A. G. Smith. 2,388,016; Oct. 30.
Cleaning device, Chamber. A. C. Butts. 2,386,193; Oct. 9.
Cleaning device, Window. N. E. Miller. 2,387,926; Oct. 30.
Cleaning ferrous metal articles. J. H. Young. 2,380,284; July 10.
Cleaning heat exchanger surfaces. J. Simpson. 2,380,340; July 10.
Cleaning machine. M. J. A. Zinty. 2,375,723; May 8.
Cleaning machine, Dry. L. E. Berry. 2,387,823; Oct. 30.
Cleaning machine, Fur. N. Root. 2,388,619; Nov. 6.
Cleaning machine, Drawing roll. H. G. Steinmetz. 2,385,039; Sept. 18.
Cleaning machine, Wool. E. L. and R. R. Fanton. 2,373,238; Apr. 10.
Cleaning process and composition, Metal. H. N. Gilbert. 2,377,876; June 12.
Cleaning the mouth contact area of drinking glasses, Method and apparatus for. M. P. Reilly. 2,368,041; Jan. 23.
Cleaning tool. W. F. Hoerle. 2,379,962; July 10.
Cleansing composition. F. E. Pierce. 2,380,259; July 10.
Cleansing compositions. W. Baird, A. Hill, J. E. G. Harris, S. H. Oakeshott, and W. J. Wilson. 2,377,066; May 29.
Cleansing compositions. M. Katzman. 2,374,213; Apr. 24.
Cleansing mass and producing the same. D. C. Luse. 2,372,838; Apr. 3.
Clearer as used in combing machine or other machine for the treatment of textile fibers. D. Pierrepont. 2,389,684; Nov. 27.
Clearer for roving or spinning frames. W. J. Dunleavy. 2,382,214; Aug. 14.
Clearing mechanism for the work-support of fastening-inserting machines. J. F. Standish. 2,387,305; Oct. 23.
Clearing or excavating ditches, Means or machinery for. D. R. Bomford. 2,378,280; June 12.
Cleat attachment. F. A. McDunnah. 2,374,444; Apr. 24.
Cleat, Shoe. N. B. Parsons. 2,367,736; Jan. 23.
Cleat turner and grading table. J. D. McIntyre. 2,387,674; Oct. 23.
Clevis, Spring. C. W. Holtman. 2,371,171; Mar. 13.
Climbing device, Safety. J. C. Cox. 2,381,114; Aug. 7.
Clinker cooling. R. C. Newhouse. 2,375,487; May 8.
Clip: *See*—
Arch bar clip.
Box wrench clip.
Collar clip.
Conduit clip.
Conduit supporting clip.
Earring clip.
Film clip.
Film holding clip.
Floor clip.
Fluid cleaner.
Fuse terminal clip.
Hair curler clip.
Insulation clip.
Interlocking clip.
Light gauge securing clip.
Luggage handle clip.
Safety clip.
Supporting clip.
Tie clip.
Umbilical clip.
Wire supporting clip.
Wrap-around wire supporting clip.
Clip. O. C. Eckel. 2,389,964–5; Nov. 27.
Clip. C. Wulstein. 2,373,070; Apr. 3.
Clip and securing means, Conduit. H. R. Ellinwood. 2,379,893; July 10.
Clip for carton closure flaps, Hold-down. W. H. Lepp. 2,375,374; May 8.
Clip for ear ornaments, Attaching. C. A. Buick. 2,383,237; Aug. 21.
Clip for hose and like. R. C. S. Jamie. 2,384,094; Sept. 4.
Clip for venetian blind slats. M. J. Byer. 2,367,095; Jan. 9.
Clip or fastener. A. E. Cox. 2,385,565; Sept. 25.
Clipper attachment, Dry shaver. B. F. Flegel. 2,391,695; Dec. 25.
Clipper for sheet material. T. R. Robinson and J. R. Robinson. 2,369,253; Feb. 13.
Clipper, Hair. H. Aaron. 2,381,867; Aug. 14.
Clock. L. Prins. Re. 22,640; May 1.
Clock, Electric. O. H. Dicke and R. H. Dicke. 2,377,618; June 5.
Clock, Electric. J. Fink. 2,371,387; Mar. 13.
Clock, Electric. A. B. Sperry, N. Nazar, and W. C. Erwin. 2,377,276; May 29.
Clock, Fluid. P. McAuliffe. 2,375,568; May 8.
Clock hand remover. E. A. Slagle. 2,391,521; Dec. 25.
Clock system, Master. P. Vannini and P. Hungerbühler. 2,369,812; Feb. 20.
Closet, Collapsible. H. Derman. 2,371,680; Mar. 20.
Closet, Knockdown collapsible. C. Rosenthal. 2,383,512; Aug. 28.
Closet pole, Clothes. B. Cones. 2,382,003; Aug. 14.

Closet, Water. G. E. Hoffman. 2,379,400; June 26.
Closing die. W. M. Koppel. 2,379,088; June 26.
Closing for garments. J. Lane. 2,381,601; Aug. 7.
Closing machine. N. Geertsen. 2,386,787; Oct. 16.
Closing machine. S. S. Jacobs. 2,370,169; Feb. 27.
Closing means for rapid firing guns. B. S. Albertson, Jr. 2,376,321; May 22.
Closure. P. G. Coleman. 2,381,207; Aug. 7.
Closure. S. J. Genei. 2,372,482; Mar. 27.
Closure. R. B. Le Roy. 2,376,790; May 22.
Closure. C. Mackintosh. 2,367,881; Jan. 23.
Closure. R. C. Pratt. 2,383,015; Aug. 21.
Closure. H. W. Sanford. 2,372,227; Mar. 27.
Closure. J. W. Thomas. 2,367,317; Jan. 16.
Closure and air hose dummy, Combined. S. L. Joiner. 2,387,448; Oct. 23.
Closure attachment means. C. F. Sievers. 2,367,896; Jan. 23.
Closure, Bag. P. S. Coghill. 2,373,744; Apr. 17.
Closure band, Press button. J. Persin. 2,382,907; Aug. 14.
Closure, Bottle. N. P. Steckler. 2,385,114; Sept. 18.
Closure cap. F. W. Livermont. 2,371,900; Mar. 20.
Closure construction for metallic containers. W. I. Hanrahan. 2,369,895; Feb. 20.
Closure, Container. A. Burgeni. 2,389,761; Nov. 27.
Closure, Container. A. Gudheim. 2,388,738; Nov. 13.
Closure cleaning device. C. C. Green. 2,367,393; Jan. 16.
Closure device for rendering bottles nonrefillable. M. Diaz y Diaz. 2,382,864; Aug. 14.
Closure fastener device. J. E. Lundholm. 2,369,584; Feb. 13.
Closure, Foldable. W. A. Shearer. 2,373,146; Apr. 10.
Closure for aircraft, Sliding. I. M. Laddon and E. Berger. 2,378,856; June 19.
Closure for bottles and like containers, Nonrefillable. M. D. Diaz. 2,380,825; July 31.
Closure for cans. L. O. Grice. 2,375,221; May 8.
Closure for coin-receiving receptacles. W. Von Stoeser. 2,371,114; Mar. 6.
Closure for containers. A. Limbach. 2,390,889; Dec. 11.
Closure for handbags. G. Green. 2,378,767; June 19.
Closure for lubricators. B. E. Folke. 2,374,478; Apr. 24.
Closure for paper bags, Handle defining. H. G. Allen. 2,385,597; Sept. 25.
Closure for pressure vessels. E. H. Smith. 2,387,360; Oct. 23.
Closure for spirituous beverage bottles, Secondary. L. P. Weiner. 2,371,372; Mar. 13.
Closure for steam sterilizers. M. Bramson. 2,379,473; July 3.
Closure for vessels. T. B. Casey. 2,387,978; Oct. 30.
Closure head welded for pressure vessels. A. W. Harris. 2,366,617; Jan. 2.
Closure, Joint. P. M. Gilfillan. 2,380,427; July 31.
Closure means for container filling openings. G. R. Godber. 2,385,624; Sept. 25.
Closure means for cylinders. G. V. Woodling. 2,376,566; May 22.
Closure means for electric wiring units, End. J. F. O'Brien. 2,384,487; Sept. 11.
Closure means for fiber containers. J. Coyle. 2,391,296; Dec. 18.
Closure member. J. E. Sharp. 2,383,747; Aug. 28.
Closure members, Making. T. W. Warner, Jr. 2,388,375; Nov. 6.
Closure operating mechanism. W. D. Ferris. 2,390,086; Dec. 4.
Closure or shutter, Headlamp. C. H. Kuschel and H. C. Brill. 2,388,787–8; Nov. 13.
Closure plug wrench. F. J. Tomsek. 2,383,573; Aug. 28.
Closure retainer, Bottle. W. W. Mays. 2,390,724; Dec. 11.
Closure, Sealing. C. P. Krupp. 2,385,816; Oct. 2.
Closure, Screw. J. C. Ford. 2,376,909; May 20.
Closure setting mechanism for containers. I. F. Mandell. 2,372,385; Mar. 27.
Closure, Shot shell. C. M. Langkammerer. 2,387,665; Oct. 23.
Closure system for vacuum driers. A. H. Heineman. 2,373,891; Apr. 17.
Closure, Tamperproof. D. H. Tilson. 2,387,955–6; Oct. 30.
Closure, Transparent. D. W. Dunipace. 2,375,352; May 8.
Closure, Transparent. M. Knight, R. W. Wampler, and W. J. Arner. 2,375,369; May 8.
Closure, Transparent. M. Knight and C. D. Lowry. 2,388,786; Nov. 13.
Closures, Method and apparatus for making. H. E. Stover and J. G. Kosar. 2,369,763; Feb. 20.
Closures to containers, Application of. J. F. Price and I. L. Wilcox. 2,373,708; Apr. 17.
Cloth pinning device. I. Kruger. 2,384,554; Sept. 11.
Cloth, Pressing. A. T. Smith. 2,389,216; Nov. 20.
Cloth take-up. J. Sirmay. 2,366,462; Jan. 2.
Clothesbrush, Suction. A. L. Schmidt. 2,374,461; Apr. 24.
Clothes-drying machine. J. R. Moore. 2,385,222–3; Sept. 18.
Clothes drying rack. K. E. Luger. 2,379,975; July 10.
Clothes hanger. S. F. Better. 2,380,143; July 10.
Clothes hanger. A. E. Watkins and W. H. Easterford. 2,391,661; Dec. 25.

Clothesline reel. J. Bondel. 2,370,520; Feb. 27.
Clothesline reel. W. L. Gray. 2,385,570; Sept. 25.
Clothesline shield issuing pulley. J. Budner. 2,372,057; Mar. 20.
Clothespin. C. A. Stapleton. 2,366,816; Jan. 9.
Clothes post. E. M. Anderson and D. H. Morris. 2,391,536; Dec. 25.
Clothes reel. J. C. Michaud. 2,378,150; June 12.
Clothing, Ventilated. J. Zelano. 2,391,535; Dec. 25.
Clutch: *See*—

Balking ring clutch.	One-way clutch.
Bearing clutch.	One-way rotary clutch.
Centrifugal clutch.	Pneumatic clutch.
Combination fluid and friction clutch.	Power operated clutch.
Constant torque clutch.	Pressure fluid clutch.
Disengageable slip clutch.	Slip clutch.
Face clutch.	Synchronizing clutch.
Fluid clutch.	Two-way clutch.
Friction clutch.	Two-way overrunning clutch.
Impact clutch.	Variable-speed clutch.

Clutch. J. T. Barron. 2,380,571; July 31.
Clutch. R. A. Carlson. 2,391,124; Dec. 18.
Clutch. L. P. Crosman. 2,387,648; Oct. 23.
Clutch. A. Y. Dodge. Re. 22,682; Oct. 16.
Clutch. A. Y. Dodge. 2,383,295; Aug. 21.
Clutch. T. L. Fawick. 2,375,909; May 15.
Clutch. D. Firth and M. L. Fast. 2,367,390; Jan. 16.
Clutch. F. E. Fisher. 2,382,869; Aug. 14.
Clutch. P. E. Frantz. 2,380,590; July 31.
Clutch. S. Gilbert. 2,389,772; Nov. 27.
Clutch. T. G. Hare. 2,379,901; July 10.
Clutch. W. H. Harstick. 2,380,308; July 10.
Clutch. W. B. Hausman. 2,374,542; Apr. 24.
Clutch. E. R. Henschker. 2,368,987; Feb. 6.
Clutch. G. Hunt. 2,385,517; Sept. 25.
Clutch. L. E. La Brie. 2,374,688; May 1.
Clutch. W. E. Moffitt. 2,382,088; Aug. 14.
Clutch. C. D. Ryan. 2,374,839; May 1.
Clutch. C. W. Sadler. 2,372,123; Mar. 20.
Clutch. J. M. Schuckers. 2,370,199; Feb. 27.
Clutch. J. M. Schuckers. 2,371,653; Mar. 20.
Clutch adjustment. V. von K. Sundt. 2,387,418; Oct. 23.
Clutch and bearing, Combined one-way. A. Y. Dodge and C. E. Swenson. 2,366,842; Jan. 9.
Clutch and bearing construction. A. Y. Dodge. 2,383,595; Aug. 28.
Clutch and brake assembly. E. H. Erickson. 2,386,099; Oct. 2.
Clutch and brake assembly. H. M. Stueland. 2,381,318; Aug. 7.
Clutch and control. E. A. Thompson. 2,380,680; July 31.
Clutch assembly, Multiple. P. Orr. 2,382,438; Aug. 14.
Clutch clasp for studded buttons, etc. F. Winters. 2,372,922; Apr. 3.
Clutch construction. H. M. Stephenson. 2,386,071; Oct. 2.
Clutch construction, Overrunning. C. D. Peterson and A. H. Deimel. 2,382,331; Aug. 14.
Clutch control. E. J. Panish. 2,387,343; Oct. 23.
Clutch control. G. R. Pennington. 2,387,346; Oct. 23.
Clutch control mechanism. H. W. Price. 2,391,192; Dec. 18.
Clutch controlled power transmission mechanism for machine tools. H. R. Bagley. 2,370,282; Feb. 27.
Clutch device. J. L. Herold. 2,371,993; Mar. 20.
Clutch device. A. L. Johnson and S. A. Kraft. 2,380,445; July 31.
Clutch, Electromagnetic multiple-disk. A. Ryba. 2,378,108; June 12.
Clutch, especially for motor cars with control change mechanism. H. Kattwinkel. 2,368,304; Jan. 30.
Clutch linkage. S. C. Varblow. 2,367,076; Jan. 9.
Clutch mechanism. E. S. Cooke. 2,371,804; Mar. 20.
Clutch mechanism. W. H. Edmondson. 2,384,418; Sept. 4.
Clutch mechanism. P. F. Skoog. 2,368,892; Feb. 6.
Clutch mechanism. T. W. Sprake. 2,379,320; June 26.
Clutch mechanism, Power operated. T. J. Zeller. Re. 22,669; Aug. 21.
Clutch mechanism, Toothed. H. H. Hansen. 2,388,407; Nov. 6.
Clutch operating means. F. G. Silva and W. S. Seymour. 2,385,734; Sept. 25.
Clutch operating mechanism. L. H. Smith. 2,386,512; Oct. 9.
Clutch operating mechanism for phonographs. J. M. Lucarelle. 2,367,413; Jan. 16.
Clutch plate. W. V. Thelander. Re. 22,635; Apr. 17.
Clutch structure. C. Gerst. 2,376,136; May 15.
Clutch throwout mechanism. C. B. Spase. 2,369,417; Feb. 13.
Clutching device, Frictional. H. T. Kraft. 2,382,570; Aug. 14.
Coagula of rubber and similar materials, Washing and drying. F. W., Wanderer. 2,371,722; Mar. 20.
Coagulant for synthetic rubber latices. C. F. Fryling. 2,378,693; June 19.
Coagulant method. G. T. Buchanan. 2,381,865; Aug. 14.
Coagulating dispersions. W. L. Semon. 2,366,460; Jan. 2.
Coal and composition therefor, Treating. L. P. Crecelius. 2,369,024; Feb. 6.

Coal, Coking expanding. C. Otto. 2,382,809; Aug. 14.
Coal, Combustion of. E. S. Hammond. 2,385,508; Sept. 25.
Coal, Composition for dustproofing. J. F. Miller. 2,371,344; Mar. 13.
Coal, Mining. K. L. Storrs. 2,390,562; Dec. 11.
Coal paint. A. L. Stillman. 2,370,428; Feb. 27.
Coal particularly poor in ash content, Obtaining. F. L. Kühlwein. 2,376,703; May 22.
Coat. M. D. Schwartz. 2,391,352; Dec. 18.
Coat, cape and hood, Combination trench. L. O. Grice and I. L. Freedman. 2,370,158; Feb. 27.
Coat front structure. Y. A. Fridlund and S. R. Hedman. 2,368,460; Jan. 30.
Coat garment. J. Federman. 2,379,511; July 3.
Coat hanger. E. S. Schneider. 2,385,588; Sept. 25.
Coat hanger. A. L. Tewell. 2,372,458; Mar. 27.
Coated article. T. K. Cox. 2,387,498; Oct. 23.
Coated compound and making the same, Interstitially. W. E. Stokes and W. E. Barch. 2,372,402; Mar. 27.
Coated object and making the same. F. J. Soday. 2,378,445–6; June 19.
Coated sheet product. H. M. Magid. 2,372,679; Apr. 3.
Coating. L. Gold. 2,373,823; Apr. 17.
Coating. H. J. Thielker. 2,378,598; June 19.
Coating and coating methods. J. L. Krieger. 2,390,217; Dec. 4.
Coating and preparing same. O. Carmichael. 2,375,195; May 8.
Coating and treating material. R. L. Melton. 2,366,926; Jan. 9.
Coating and wrapping machine, Pipeline. A. O. Mickelson. 2,370,254; Feb. 27.
Coating apparatus. Y. A. Bouget. 2,386,090; Oct. 2.
Coating apparatus. M. H. Bouton. 2,372,248; Mar. 27.
Coating apparatus. R. O. Crisdale. 2,369,561; Feb. 13.
Coating apparatus. G. E. Guellich. 2,378,476; June 19.
Coating apparatus. A. L. Kronquest. 2,387,273; Oct. 23.
Coating apparatus. R. L. Melton and A. J. Thompson. 2,378,025; June 12.
Coating apparatus T. J. Radcliffe. 2,372,118; Mar. 20.
Coating apparatus. E. H. Rand. 2,376,184; May 15.
Coating apparatus, Spray. F. A. Bailey and G. A. Miller. 2,388,517; Nov. 6.
Coating apparatus, Strand. G. H. Frank. 2,380,422; July 31.
Coating, Applying. F. W. Hyman. 2,380,047; July 10.
Coating articles with an impermeable cloth, felt, or the like. J. F. Strable. 2,377,979; June 12.
Coating composition. I. C. Clare. 2,375,752–3; May 15.
Coating composition. C. B. Hemming. 2,383,548; Aug. 28.
Coating composition. J. G. Little. 2,379,812; July 3.
Coating composition. L. L. Rector and C. L. Cron. 2,367,376; Jan. 16.
Coating composition. W. A. Waldie. 2,387,424; Oct. 23.
Coating composition and making same. W. J. Rice. 2,373,709; Apr. 17.
Coating composition and producing. P. H. Scrutchfield. 2,376,823; May 22.
Coating composition, Corrosion resistant. I. E. Muskat. 2,379,246; June 26.
Coating composition for bituminous surfaces, Adhesive and adherent. M. H. Hecht. 2,388,846; Nov. 13.
Coating composition, Gelatin. D. R. Swan. 2,388,881; Nov. 13.
Coating composition, Hot-melt. M. Salo and H. F. Vivian. 2,387,773–4; Oct. 30.
Coating composition, Liquid. A. L. Ward. 2,373,866. Apr. 17.
Coating composition, Preparing a. W. L. Craig. 2,388,526; Nov. 6.
Coating composition, Producing a. C. M. Carson 2,390,422; Dec. 4.
Coating compositions. E. G. Almy. 2,372,643; Apr. 3.
Coating compositions. J. W. Raynolds. 2,384,132; Sept. 4.
Coating compositions. F. Rostler and L. Bornstein. 2,371,652; Mar. 20.
Coating compositions. H. A. Scholz, J. K. Wise, J. W. Gill, and M. T. Schmidt. 2,379,402; June 26.
Coating compositions. J. J. Zolad. 2,389,708; Nov. 27.
Coating compositions and preparing same. L. Balassa. 2,384,270; Sept. 4.
Coating compositions and processes, Bituminous. B. Weetman. 2,383,097; Aug. 21.
Coating compositions and the like. J. E. Fratis. 2,384,671; Sept. 11.
Coating compositions, Benzyl cellulose. R. C. Swain and P. Adams. 2,379,605; July 3.
Coating compositions, Cellulose triacetate. C. Bogin. 2,368,062; Jan. 23.
Coating compositions, coated objects, and making same, Liquid. A. L. Ward. 2,387,626; Oct. 23.
Coating compositions containing benzyl cellulose. R. C. Swain and P. Adams. 2,379,604; July 3.
Coating compositions containing benzylated melamine-formaldehyde resins. R. C. Swain and P. Adams. 2,379,612; July 3.
Coating compositions containing coumarone-indene polymers. R. C. Swain and P. Adams. 2,379,609; July 3.
Coating compositions containing cycloparaffin type polymers. R. C. Swain and P. Adams. 2,379,607; July 3.
Coating compositions containing cycloparaffin type polymers and octylated melamine-formaldehyde resins. R. C. Swain. 2,379,608; July 3.
Coating compositions containing hydrocarbon polymers. R. C. Swain and P. Adams. 2,379,610; July 3.
Coating compositions containing methyl methacrylate. R. C. Swain and P. Adams. 2,378,365; June 12.
Coating compositions, Cycloparaffin polymer. R. C. Swain and P. Adams. 2,379,606; July 3.
Coating compositions, Emulsion. A. R. Trist. 2,389,011; Nov. 13.
Coating compositions, Hydrocarbon polymer-containing. R. C. Swain and P. Adams. 2,379,611; July 3.
Coating compositions, Nonfogging. R. C. Wood and H. R. Young. 2,371,094; Mar. 6.
Coating compositions, Pigmented. H. E. Woodward. 2,370,341; Feb. 27.
Coating compositions, Producing rapid drying. F. E. Drummond. 2,381,653; Aug. 7.
Coating device. R. C. Adams. 2,378,900; June 26.
Coating, Enteric. R. A. Kuever and P. V. Maney. 2,373,763; Apr. 17.
Coating, Fire-retarding. A. Van Kleeck. 2,387,865; Oct. 30.
Coating for and method of scale formation control on slabs and the like. A. N. Swanson. 2,378,338; June 12.
Coating for paper. B. K. Green. 2,374,862; May 1.
Coating from nonconjugated oils, Wrinkle. E. L. Luaces. 2,389,794–5; Nov. 27.
Coating, Lead. E. J. Kalil. 2,390,440; Dec. 4.
Coating machine. H. L. Davis. 2,379,951; July 10.
Coating machine. J. Ettl. 2,367,856; Jan. 23.
Coating machine. R. C. Lang. 2,381,502; Aug. 7.
Coating machine. C. M. McVey. 2,375,805; May 15.
Coating machine. J. H. Murch. 2,390,118; Dec. 4.
Coating machine. J. H. Murch, R. E. J. Nordquist, and E. Nordstrom. 2,366,210; Jan. 2.
Coating machine. E. Nordstrom and V. T. Grover. 2,375,812; May 15.
Coating machine, Stencil. C. F. Schaefer. 2,382,920; Aug. 14.
Coating material. S. M. Kolar and A. G. Sternberg. 2,374,603; Apr. 24.
Coating material. L. H. Metzger. 2,376,163; May 15.
Coating material, Luminescent. S. Isenberg. 2,389,781; Nov. 27.
Coating material recovery medium and process. S. G Saunders and H. Morrison. Re. 22,615; Mar. 6.
Coating material, Refractory. H. H. York and W. M. Dummett. 2,390,765; Dec. 11.
Coating materials, Prolamine. S. Quisling. 2,383,990; Sept. 4.
Coating metal articles. R. A. Schaefer. 2,391,039; Dec. 18.
Coating method and apparatus. W. F. Grupe. 2,383,964; Sept. 4.
Coating method and apparatus. F. R. Seavey. 2,386,818; Oct. 16.
Coating mixture, Electrophoretic. R. H. George and W. M. Hesselberth. 2,376,047; May 15.
Coating of metals, Phosphate. W. J. Clifford and H. H. Adams. 2,375,468; May 8.
Coating, particularly for manufacture of abrasives. R. P. Carlton and T. J. Miller. 2,371,605; Mar. 20.
Coating, Producing a simulated metallic. E. C. Wahlberg. 2,390,758; Dec. 11.
Coating, Protective. E. D. Bayley, Jr. 2,366,477; Jan. 2.
Coating, Protective transparent. G. W. Jernstedt. 2,390,791; Dec. 11.
Coating strips, Method of and apparatus for. W. P. Osgood. 2,388,494; Nov. 6.
Coating surfaces with quartz. J. C. Ogle, Jr., and A. R. Weinrich. 2,386,876; Oct. 16.
Coating with quartz vapor. W. L. Morgan. 2,386,875; Oct. 16.
Coating with tin or other metals. C. G. Fink. 2,374,926; May 1.
Coatings, Antihalation. E. K. Carver. 2,391,127; Dec. 18.
Coatings, Protective. H. K. Patch. 2,382,742; Aug. 14.
Coatings, Surface plate. A. W. Buck and J. W. Miller. 2,387,056; Oct. 16.
Coaxial impedance element. A. R. D'heedene. 2,379,952; July 10.
Cobalt ores, Refining of. R. B. Schaal. 2,379,659; July 3.
Cobalt precipitates containing iron and other impurities, Purification of. L. S. Renzoni. 2,367,239; Jan. 16.
Cobaltic hydroxide, Precipitation of. A. E. Wallis and De W. H. West. 2,377,832; June 5.
Cock, Ball. H. B. Lewis and G. M. Larson. 2,367,951; Jan. 23.
Cock, Blow off. D. A. Kelly. 2,387,912; Oct. 30.
Cock, Plug. G. E. Franck. 2,383,054; Aug. 21.
Cock, Plural-way. G. W. Wolcott. 2,377,473; June 5.
Cocking device for automatic firearms, Mechanical. F. Brunner and C. Haury. 2,384,887; Sept. 18.
Cockpit enclosure and release mechanism. T. Ulmer and C. E. Sowle. 2,367,075; Jan. 9.
Cockroach capturing device. F. J. Sullivan. 2,372,747; Apr. 3.
Cocoa extract, Preparing a. H. K. Durrenmatt and J. de Schoulepnikow. 2,380,158; July 10.
Code calling signal. C. S. Rhoads. 2,389,082; Nov. 13.

Code-controlled apparatus. A. C. Winter. 2,384,513–14; Sept. 11.
Code detecting means. C. Volz. 2,391,369; Dec. 18.
Code translator. H. P. Luhn. 2,369,474; Feb. 13.
Coffee and tea maker. F. E Wolcott 2,381,151; Aug. 7.
Coffee brewer or maker, Automatic. R. C. Baumann. 2,387,871; Oct. 30.
Coffee maker. G. B. Davis, Jr. 2,385,694; Sept. 25.
Coffee maker. P. J. McCullough. 2,388,335; Nov. 6.
Coffee maker. R. H. Moore. 2,383,144; Aug. 21.
Coffee maker. F. P. Strother. 2,386,278; Oct. 9.
Coffee maker. E. Walder and J. W. Myers. 2,370,096; Feb. 20.
Coffee maker. F. E. Wolcott. 2,386,532; Oct. 9.
Coffee maker and filter therefor. F. E. Wolcott. 2,382,594; Aug. 14.
Coffee-making apparatus. M. Cavicchioli. 2,366,384; Jan. 2.
Coffee, Manufacture of dehydrated. W. R. Fetzer. 2,379,427; July 3.
Coffee or the like, Roasting. W. R. Goldfine. 2,381,493; Aug. 7.
Coffee product. M. Weisberg. 2,380,092; July 10.
Coffee substitute, Preparing a. P. O. Scow. 2,371,320; Mar. 13.
Coil. T. Tognola. 2,380,203; July 10.
Coil and resistor shield, Combination. A. Hallett. 2,367,396; Jan. 16.
Coil assembly. J. F. Furry. 2,386,889; Oct. 16.
Coil, Electrical. M. L. Hill. 2,377,420; June 5.
Coil expander. H. D. Paxson. 2,366,352; Jan. 2.
Coil handling apparatus. E. L. Lyle. 2,389,443; Nov. 20.
Coil, High frequency. S. Goldberg. 2,391,563; Dec. 25.
Coil, Ignition. E. E. Robinson and E. W. J. Barrington. 2,378,791; June 19.
Coil, Inductive. H. G. Frostick and E. M. Sollie. 2,381,274; Aug. 7.
Coil spring appliance. T. G. Stoudt. 2,370,111; Feb. 20.
Coil support and armature guide. D. Ellis and O. L. Taylor. 2,387,892; Oct. 30.
Coil supporting apparatus. W. Morgan. 2,372,730; Apr. 3.
Coil supporting reel. F. M. Littell. 2,391,321; Dec. 18.
Coil winding. H. E. Johnson. 2,374,018; Apr. 17.
Coil winding apparatus. W. P. Hunsdorf. 2,381,750; Aug. 7.
Coil winding machine and making wire coils. A. G. Swartz and F. K. Moore. 2,379,666; July 3.
Coiling machine and coiling rods. A. J. Anderson. 2,374,520; Apr. 24.
Coiling machine for fine wire. F. B. Iden. 2,372,082; Mar. 20.
Coils, Making. H. G. Cahill. 2,388,598; Nov. 6.
Coin-actuated device. J. Petersen. 2,371,260; Mar. 13.
Coin control apparatus. C. F. Pease. 2,370,684; Mar. 6.
Coin controlled locking device for typewriters. M. C. Ford. 2,374,927; May 1.
Coin-controlled mechanism. H. L. Neer, C. H. Wasson, and R. L. Neer. 2,370,370; Feb. 27.
Coin controlled mechanism. H. L. Neer, C. H. Wasson, and R. L. Neer. 2,386,974; Oct. 16.
Coin control mechanism for vending machines, Multiple. B. A. Andalikiewicz, D. T. Carlson and J. E. Hagstrom. 2,383,438; Aug. 28.
Coin-controlled liquid dispensing apparatus. J. M. Alexander. 2,384,585; Sept. 11.
Coin display holder. C. R. Honza. 2,389,312; Nov. 20.
Coin device. O. A. Hokanson. 2,376,357; May 22.
Coin device, Multiple. O. A. Hokanson. 2,386,741; Oct. 9.
Coin dispensing device. B. E. Mills. 2,376,880; May 29.
Coinholder. M. Cooper. 2,390,057; Dec. 4.
Coin holder. A. H. Emery. 2,379,695; July 3.
Coin operated device. L. J. Andres. 2,366,469; Jan. 2.
Coin-operated voice recording machine. E. M. Squire. 2,379,548; July 3.
Coin receptacle. C. R. Sutherland. 2,370,204; Feb. 27.
Coin return system, Automatic. R. C. Avery. 2,375,066; May 1.
Coin separator. B. W. Fry. 2,374,007; Apr. 17.
Coke deposits from high-temperature oil lines, Removing. J. J. Guichet. 2,366,521; Jan. 2.
Coke ovens, Removal of deposits from the interior surfaces of. A. L. Bruton. 2,391,443; Dec. 25.
Coke, Removing. V. Voorhees and G. W. Watts. 2,390,197; Dec. 4.
Coke-tree breaker. A. K. Knudsen and A. V. Sampsel. 2,370,175; Feb. 27.
Cold cathode fluorescent lamps or the like, Method of and apparatus for making. C. Herzog. 2,391,573; Dec. 25.
Collapsible box. R. S. McConnell. 2,375,123; May 1.
Collapsible chair. C. H. Korte. 2,388,552; Nov. 6.
Collapsible clothes drier. P. Berman. 2,384,878; Sept. 18.
Collapsible container. W. E. Amberg. 2,374,796; May 1.
Collapsible container. Z. P. Cordwell. 2,366,770; Jan. 9.
Collapsible drilling tool. C. L. Walker. 2,375,335; May 8.
Collapsible form. F. J. Manson. 2,367,831; Jan. 23.
Collapsible mold. H. Pfleumer. 2,374,233; Apr. 24.
Collapsible receptacle. C. A. Van Wagner and C. M. Andrews. 2,379,202; June 26.
Collapsible tube. B. Bogoslowsky. 2,387,738; Oct. 30.
Collapsible tube. R. K. Ostrander. 2,386,498; Oct. 9.
Collapsible tube and supporting bracket therefor. R. R. Vale. 2,368,952; Feb. 6.
Collapsible tubes, Fabricating. H. F. Waters. 2,377,532; June 5.
Collapsible vehicle. T. R. Black. 2,380,016; July 10.
Collapsible wardrobe cabinet. I. Blechman. 2,391,614; Dec. 25.
Collar and cuff starching machinery. G. L. Campf. 2,370,617; Mar. 6.
Collarband construction for shirts. D. Norwood. 2,385,638; Sept. 25.
Collar, Bottle. C. D. Painter. 2,367,371; Jan. 16.
Collar can collar mounting. J. Coyle and W. F. Punte. 2,391,772; Dec. 25.
Collar, Cervical. F. Schreiber. 2,389,690; Nov. 27.
Collar clip. D. Bakerman. 2,384,788; Sept. 18.
Collar stiffener. G. M. M. Vaccarella. 2,372,752; Apr. 3.
Collar support. L. E. Shaw. 2,373,855; Apr. 17.
Collating machine and assembling sheets. J. C. Mendes. 2,371,179; Mar. 13.
Collating machine, Paper. C. L. Leifer. 2,389,066; Nov. 13.
Collator. A. Dager. 2,373,746; Apr. 17.
Collector, Cinder. R. L. Lincoln. 2,371,583; Mar. 13.
Collector for electric vehicles, Current. F. Szalay. 2,382,751; Aug. 14.
Collector head and trolley pole harp, Current. E. A. Larsson. 2,385,582; Sept. 25.
Collector, Refuse. C. W. Mott. 2,371,540; Mar. 13.
Collet. S. B. Martin. 2,383,508; Aug. 28.
Collet. A. M. Stoner. 2,374,245; Apr. 24.
Collet chuck. W. C. Henry and A. B. Maxam. 2,387,511; Oct. 23.
Collet, Hairspring. W. O. Bennett, Jr. 2,391,816; Dec. 25.
Collet holder. W. C. Lea. 2,389,372; Nov. 20.
Collet jaw protector. J. L. Hite. 2,380,648; July 31.
Collet or collet pad. E. C. Godfrey. 2,374,192; Apr. 24.
Collet, Pot chuck. L. M. Odom and J. H. Lambert. 2,389,633; Nov. 27.
Collet type pulling head. A. S. Mullgardt. 2,384,690; Sept. 11.
Collet with removable pads. J. Ingalls. 2,382,060; Aug. 14.
Collinear reflector. A. F. Eckel. 2,374,003; Apr. 17.
Colloidal dispersions, Concentrating. P. Stamberger. 2,375,957; May 15.
Colloidal dispersions of materials. A. R. Trist. 2,389,012; Nov. 13.
Color compositions containing dicyandiamide, Ice. P. P. McClellan and W. P. Ericks. 2,375,012; May 1.
Color compositions, Stabilized ice. P. P. McClellan and W. P. Ericks. 2,369,308–9; Feb. 13.
Color control. L. R. Paul. 2,374,640; Apr. 24.
Color couplers for color development. P. Bruylants and P. L. J. R. Merckx. 2,375,344; May 8.
Color-forming compounds having six-membered rings. I. F. Salminen, P. W. Vittum, and A. Weissberger. 2,376,192; May 15.
Color grading apparatus. W. O. Benning. 2,375,889; May 15.
Color grading apparatus and method. R. H. Osborn. 2,382,439; Aug. 14.
Color paste composition. T. F. Murphy. 2,377,172; May 29.
Color photographic images, Production of. A. Frohlich and W. Schneider. 2,373,821; Apr. 17.
Color photography. G. L. Dorough and D. M. McQueen. 2,380,032; July 10.
Color photography. P. W. Vittum. 2,384,658; Sept. 11.
Color photography. L. S. Wilder. 2,376,217; May 15.
Color pictures, Direct method of producing. M. W. Seymour and R. V. Young. 2,382,671; Aug. 14.
Color printing. W. T. Hanson, Jr., and R. M. Evans. 2,369,457; Feb. 13.
Color printing system. W. T. Hanson, Jr. 2,388,842; Nov. 13.
Color reproduction. J. A. C. Yule. 2,382,690; Aug. 14.
Color reproduction, Spectral shift. W. A. Shurcliff. 2,369,317; Feb. 13.
Color television system. G. L. Beers. 2,378,746; June 19.
Color to coated paperboard, Imparting. H. C. Fisher. 2,370,344; Feb. 27.
Colored material. E. Stanley, C. S. Argyle, and H. C. Olpin. 2,383,995; Sept. 4.
Colorimetric method for testing for available chlorine. H. Scharer. 2,385,471; Sept. 25.
Coloring compositions, containing diazoniom salts, Stabilization of. F. H. Adams and W. B. Hardy. 2,378,276; June 12.
Coloring compositions containing diazonium salts, Stabilization of. F. H. Adams, H. Z. Lecher, and W. B. Hardy. 2,386,646; Oct. 9.
Coloring compositions containing diazonium salts, Stabilization of. H. Z. Lecher, W. B. Hardy, and F. H. Adams. 2,378,305; June 12.
Coloring matters, Manufacture of new. E. P. Goodings and M. A. T. Rogers. 2,385,855; Oct. 2.
Coloring matters, New. M. A. T. Rogers. 2,382,914; Aug. 14.
Colostomy apparatus. G. Moorhead. 2,385,876; Oct. 2.

Column for tanks and the like, Supporting. L. Albrecht. 2,387,969; Oct. 30.
Column head for batch fractionating columns. N. Evans and P. Docksey. 2,383,377; Aug. 21.
Comb. A. Caldora. 2,384,013; Sept. 4.
Comb. A. A. Dapolito. 2,383,713; Aug. 28.
Comb. G. Demyanovich. 2,380,730; July 31.
Comb. W. Huppert. Re. 22,617; Mar. 13.
Comb. F. Kuszyk. 2,376,065; May 15.
Comb and brush, Combination. D. Hernon. 2,383,967; Sept. 4.
Comb and cleaner, Combination. J. W. Brockman, Sr. 2,369,712; Feb. 20.
Comb attachment for hair clippers. A. Giorgi. 2,381,046; Aug. 7.
Comb, Barber. W. F. Black. 2,384,152; Sept. 4.
Comb, Fountain-type. C. A. McClure. 2,387,924; Oct. 30.
Comb, Lady's tuck. H. V. Hahn, and D. E. Phillips. 2,372,080; Mar. 20.
Comb lock assembly. C. O. Bruestle. 2,370,774; Mar. 6.
Comb, Pinch type. F. A. Stuhlman and L. B. Berg. 2,369,990; Feb. 20.
Combat vehicle. J. D. Langdon. 2,375,240; May 8.
Combat vehicle. M. C. Schwab. 2,388,873; Nov. 13.
Combination aerial and turn indicator. A. F. Pfingsten. 2,366,871; Jan. 9.
Combination booster pump. R. R. Curtis. 2,390,204; Dec. 4.
Combination coke oven door-handling, pushing, and leveling machine. L. Wilputte. 2,391,214; Dec. 18.
Combination combat and construction vehicle. M. C. Schwab. 2,384,646; Sept. 11.
Combination display and drain stand. I. J. Richards. 2,369,982; Feb. 20.
Combination fluid and friction clutch. W. W. Schulz. 2,383,824; Aug. 28.
Combination garment and carrying bag. D. M. Jackson. 2,380,909; July 31.
Combination hanger support. J. J. Derho. 2,369,217; Feb. 13.
Combination lock. O. Hage. 2,380,645; July 31.
Combination rubber die. L. E. Walton. 2,375,599; May 8.
Combination science table. B. T. Collins. 2,377,539; June 5.
Combination steaming and pressing iron. L. V. Lucia. 2,369,677; Feb. 20.
Combination steaming and pressing iron. F. E. Wolcott and L. V. Lucia. 2,371,569; Mar. 13.
Combination tool. H. Folkers. 2,371,043; Mar. 6.
Combination tool. C. H. Pearce. 2,371,977; Mar. 20.
Combination tool. T. S. and P. S. Vosbikian. 2,377,730; June 5.
Combine. J. F. Curran. 2,374,334; Apr. 24.
Combine. H. W. Pilcher. 2,380,547; July 31.
Combine steering mechanism. M. Ronning and K. M. Keith. 2,390,273; Dec. 4.
Combined check valve and vacuum breaker. J. D. Langdon. 2,390,108; Dec. 4.
Combined coat and skirt hanger. E. Hall. 2,381,159; Aug. 7.
Combined flame arrester and vent valve. J. J. Duggan. 2,388,395; Nov. 6
Combined stop and float valve. J. D. Langdon. 2,371,830; Mar. 20.
Combustible mixture for internal-combustion engines, Regulation of the. P. L'Orange. 2,387,277; Oct. 23.
Combustible preparing device. G. B. Crisp. 2,369,216; Feb. 13.
Combustion apparatus. L. F. Conway. 2,375,625; May 8.
Combustion apparatus. G. M. Dreher. 2,382,301; Aug. 14.
Combustion apparatus. J. W. Miller and W. G. Smith. 2,374,693; May 1.
Combustion apparatus. D. J. Mosshart. 2,386,336; Oct. 9.
Combustion apparatus. D. J. Mosshart. 2,387,600; Oct. 23.
Combustion apparatus. L. S. Reagan and J. C. Wallis. 2,386,882; Oct. 16.
Combustion chamber. R. H. Sheppard. 2,380,615; July 31.
Combustion control. J. J. Klinker. 2,376,701; May 22.
Combustion control. W. R. Miller. 2,377,356; June 5.
Combustion control device. W. J. Willenborg. 2,369,698; Feb. 20.
Combustion engine. A. Schröder. 2,381,465; Aug. 7.
Combustion heater. G. A. Page, Jr., J. Jerger, R. Rugge, and P. R. Watson. 2,388,364; Nov. 6.
Combustion regulation. J. J. Klinker. 2,379,008; June 26.
Comestibles in freezing, Framed. H. A. Noyes. 2,374,452; Apr. 24.
Comminuting apparatus. J. F. Pagendarm. 2,368,870; Feb. 6.
Comminuting method and apparatus. A. C. Durdin, III. 2,378,757; June 19.
Comminutor, Sewage. W. H. Green. 2,389,306; Nov. 20.
Commode, Collapsible. L. Cotton. 2,376,036; May 15.
Communicating apparatus. L. R. Paust. 2,366,552; Jan. 2.
Communication and posting system. J. C. Marshall and H. F. May. 2,391,469; Dec. 25.
Communication and posting system. H. F. May and J. C. Marshall. 2,386,743; Oct. 9.
Communication apparatus. O. A. Shann. 2,381,986; Aug. 14.
Communication method and system. C. W. Hansell. 2,388,053; Oct. 30.
Communication system. W. M. Bacon and F. S. Kinkead. 2,374,264; Apr. 24.
Communication system. W. M. Bacon, F. S. Kinkead, and J. A. Krecek. 2,381,871; Aug. 14.
Communication system. C. W. Baird. 2,370,388; Feb. 27.
Communication system. R. H. Campbell. 2,377,672; June 5.
Communication system. R. H. Campbell. 2,390,203; Dec. 4.
Communication system. A. B. Clark. 2,385,061; Sept. 18.
Communication system. R. C. Corderman. 2,388,906; Nov. 13.
Communication system. L. Espenschied. 2,379,221; June 26.
Communication system. R. V. L. Hartley. 2,387,018; Oct. 16.
Communication system. W. Hasenberg. 2,387,443; Oct. 23.
Communication system. R. H. Herrick. 2,383,312; Aug. 21.
Communication system. R. H. Herrick. 2,384,913; Sept. 18.
Communication system. T. W. W. Holden. 2,387,906; Oct. 30.
Communication system. F. A. Hubbard. 2,379,715; July 3.
Communication system. J. A. Krecek and C. R. Walker. 2,366,733; Jan. 9.
Communication system. F. Massa. 2,381,174; Aug. 7.
Communication system. R. S. Pitkin, Jr. 2,374,129; Apr. 17.
Communication system. K. J. Way. 2,377,912; June 12.
Communication system by pulses through the earth. C. W. Hansell. 2,389,432; Nov. 20.
Communication system, Multichannel carrier. P. K. Chatterjea and L. W. Houghton. 2,390,641; Dec. 11.
Communication, System of. H. D. Colman. 2,380,894; July 31.
Commutation means for rotary rectifiers. K. L. Hansen. 2,389,507; Nov. 20.
Commutator and brush type switch. R. S. Curry, Jr. 2,368,644; Feb. 6.
Commutator device. F. Koppelmann and W. Leukert. 2,378,561; June 19.
Commutator processing. H. W. Graybrook. 2,379,145; June 26.
Commutator-seasoning apparatus. W. H. Eunson and H. W. Graybrook. 2,383,300; Aug. 21.
Commutator slotting device. A. R. Volzka. 2,372,304; Mar. 27.
Commutator structure and manufacture thereof. G. L. Moeller. 2,388,006; Oct. 30.
Compact. A. F. Reilly. 2,377,717; June 5.
Compact and the like. M. Rappaport. 2,373,852; Apr. 17.
Compact case. E. S. Michals. 2,372,969; Apr. 3.
Compact, Dental. E. E. Smith. 2,379,600; July 3.
Compact, Dental. E. E. and W. O. Smith. 2,391,651; Dec. 25.
Compacting and packaging milk powder and compacted mass of milk powder and the like. H. L. Griffin. 2,379,230; June 26.
Compacting material. D. Ray. 2,380,903; July 31.
Comparator. K. R. Wood and C. W. Ahmer. 2,387,210; Oct. 16.
Comparator device. M. Yawitz and I. F. Suwa. 2,380,567; July 31.
Comparator gauge. C. B. Moore. 2,374,154; Apr. 17.
Comparator gauge. P. B. Sirvent. 2,378,334; June 12.
Comparing device. B. R. Vent. 2,388,352; Nov. 6.
Comparison apparatus, Frequency. A. H. Bartels. 2,389,948; Nov. 27.
Compartment for aircraft, Releasable load. T. P. Hall. 2,370,307; Feb. 27.
Compartment measure. J. B. Miner. 2,389,530; Nov. 20.
Compass and inertia means, Master. F. E. Best. 2,370,000; Feb. 20.
Compass attachment. G. R. Hunt. 2,367,584; Jan. 16.
Compass, Dynamic earth inductor. A. S. Riggs and H. H. Thompson. 2,376,883; May 29.
Compass for aircraft trainers, Directional. C. I. Baker. 2,379,869; July 10.
Compass, Gyro-magnetic. M. F. Bates. 2,380,932; Aug. 7.
Compass, Gyromagnetic. L. F. Beach. 2,391,442; Dec. 25.
Compass, Magnetic. G. M. Giannini. 2,389,664; Nov. 27.
Compass, Magnetic. B. E. Sherrill. 2,375,329; May 8.
Compass, Magnetic. A. A. Stuart, Jr. Re. 22,699; Nov. 27.
Compass, Static earth inductor. A. S. Riggs. 2,370,194; Feb. 27.
Compasses, Quadrantal correctors for magnetic. A. G. McNish. 2,390,844; Dec. 11.
Compeller for looms, Filling stop motion. G. A. Geeraert. 2,368,707; Feb. 6.
Compensating apparatus for contour turning. D. I. Wilson. 2,368,793; Feb. 6.
Compensating arrangement for television tubes. U. Knick. 2,371,897; Mar. 20.
Compensating means, Jacquard. J. Robinson. 2,386,574; Oct. 9.

Compensating poppet valve. W. R. Peck. 2,386,003; Oct. 2.
Compensating system for condition responsive measuring instruments. R. I. N. Weingart. 2,379,328; June 26.
Compensator, Altitude. W. A. Marshall, Jr. 2,381,358; Aug. 7.
Compensator, Dynamic torque. R. Deane. 2,375,404. May 8.
Compensator, Electric. R. J. Jasse. 2,378,555; June 19.
Compensator for aircraft, Drift. B. A. Wittkuhns. 2,372,185; Mar. 27.
Compensator for brakes, Wear. C. A. Sawtelle. 2,386,913; Oct. 16.
Compensator, Hydraulic fluid volume. H. R. Ellinwood. 2,383,180; Aug. 21.
Compensator, Mechanical. W. C. Howard, Jr. 2,372,206; Mar. 27.
Complex compounds containing a side isopropyl group and products therefrom, Treating. T. Hasselstrom. 2,386,606; Oct. 9.
Composing and distributing machine, Typographical. J. C. Plastaras. 2,383,158; Aug. 21.
Composite aluminum-alloy sheets and making same. R. S. Reynolds. 2,383,511; Aug. 28.
Composite article. N. J. Rakas. 2,367,800; Jan. 23.
Composite article and method of bonding rubber to a corrodible material. T. R. Griffith. 2,386,212; Oct. 9.
Composite article including extruded sections. C. E. Slaughter. 2,388,297; Nov. 6.
Composite ceramic and metal structure and making the same. S. H. Stupakoff. 2,373,720; Apr. 17.
Composite fabric and making same. R. C. Amidon. 2,369,651; Feb. 20.
Composite material, Forming. A. K. Doolittle. 2,391,619; Dec. 25.
Composite metal, Corrosion-resisting. P. G. Chace. 2,366,178; Jan. 2.
Composite metal stock, Producing. W. A. Mudge. 2,390,452; Dec. 4.
Composite mine car. R. E. Dendler and R. C. Kepner. 2,367,761; Jan. 23.
Composite-modulation radio service system. R. A. Hilferty. 2,378,298; June 12.
Composite roll. E. Peterson and A. B. Merrill. 2,367,796; Jan. 23.
Composite siding and roofing, Making. F. W. Adams. 2,390,045; Dec. 4.
Composite structure. G. W. Blessing. 2,372,929; Apr. 3.
Composite structure, Prestressed. C. P. Cueni. 2,382,139; Aug. 14.
Composition and an oil cloth made therefrom, Flat coating. C. M. Lent. 2,381,915; Aug. 14.
Composition and article for electric use. E. Wainer. 2,371,660; Mar. 20.
Composition and compounds utilizing the same. J. D. De Vine. 2,375,978; May 15.
Composition and method for marking base materials. G. Rubner. 2,368,161; Jan. 30.
Composition, Antifouling. G. H. Young. 2,390,408; Dec. 4.
Composition comprising an organo-lithium product. W. F. Luckenbach, Jr. 2,388,166; Oct. 30.
Composition comprising solid ethylene polymers. G. H. Latham. 2,369,471; Feb. 13.
Composition containing palmetto pith, Light-weight nonmetallic. C. Schuh. 2,382,448; Aug. 14.
Composition for cleaning and pickling ferrous metals. P. S. Pinkney and H. B. Stevenson. 2,383,681; Aug. 28.
Composition for cleaning metal such as aluminum and magnesium. J. F. Hart. 2,381,124; Aug. 7.
Composition for counteracting microorganisms. R. S. Shelton. 2,380,877; July 31.
Composition for lining can ends. J. E. Robinson, F. H. Bopp, and P. W. Millelot, Jr. 2,382,443; Aug. 14.
Composition for nail polish, Drying. R. C. Hickey. 2,366,260; Jan. 2.
Composition for printing flexible materials. R. H. Kienle and A. L. Peiker. 2,383,937; Sept. 4.
Composition for producing a dark colored brew from grasses. W. R. Graham, Jr., and C. W. McCarty. 2,369,042; Feb. 6.
Composition for producing a dark colored brew from legumes. W. R. Graham, Jr., and C. W. McCarty. 2,369,041; Feb. 6.
Composition for storage battery plates and preparing same. A. Stewart and A. R. Pitrot. 2,389,465; Nov. 20.
Composition for surgical and medical preparations. C. W. Patton. 2,385,879; Oct. 2.
Composition for treating fibrous materials. A. Szegvari and A. H. Feikert. 2,373,613; Apr. 10.
Composition for use in welding. G. W. Smith. 2,377,048; May 29.
Composition of matter. G. Allen. 2,372,641; Apr. 3.
Composition of matter. M. De Groote and B. Keiser. 2,386,445–6; Oct. 9.
Composition of matter. R. W. Lawrence. 2,368,765; Feb. 6.
Composition of matter. R. F. McCleary and J. R. Morris. 2,380,658; July 31.
Composition of matter. I. E. Muskat and F. Strain. 2,379,251; June 26.
Composition of matter. I. E. Muskat and F. Strain. 2,384,118; Sept. 4.
Composition of matter. I. E. Muskat and F. Strain. 2,387,932; Oct. 30.
Composition of matter. F. T. Peters. 2,374,126; Apr. 17.
Composition of matter. O. M. Reiff. 2,366,874; Jan. 9.
Composition of matter. O. M. Reiff. 2,376,313; May 15.
Composition of matter. O. M. Reiff. 2,385,301; Sept. 18.
Composition of matter. R. S. Shelton and M. G. Van Campen, Jr. 2,379,381; June 26.
Composition of matter. W. E. Tann. 2,381,388; Aug. 7.
Composition of matter. G. F. Zellhoefer, C. S. Marvel, and M. J. Copley. 2,390,766; Dec. 11.
Composition of matter and making. E. Hirsch. 2,372,577; Mar. 27.
Composition of matter and making same. M. De Groote. 2,375,540; May 8.
Composition of matter and making same. M. De Groote and B. Keiser. 2,372,364–6; Mar. 27.
Composition of matter and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,373,228; Apr. 10.
Composition of matter and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,375,530; May 8.
Composition of matter and making same. M. De Groote, B. Keiser, and A. F. Wirtel. 2,375,531; May 8.
Composition of matter and methods and steps of making and using the same. M. T. Harvey and W. F. Schaufelberger. 2,366,525; Jan. 2.
Composition of matter and methods and steps of making and using the same. W. F. Schaufelberger and M. T. Harvey. 2,366,526; Jan. 2.
Composition of matter and polymerization products thereof. I. E. Muskat and F. Strain. 2,387,934; Oct. 30.
Composition of matter and preparation thereof. A. E. Chester and F. F. Reisinger. 2,390,511; Dec. 11.
Composition of matter and producing. W. P. Campbell. 2,367,002; Jan. 9.
Composition of matter for flameproofing cellulosic media and making the same. F. W. Hochstetter. 2,368,660; Feb. 6.
Composition of matter, New. M. De Groote and B. Keiser. 2,366,498; Jan. 2.
Composition of matter suitable for use as a lubricant and lubricant comprising the same. J. M. Musselman. 2,385,832; Oct. 2.
Composition sole and making. J. E. L. Ryan. 2,386,269; Oct. 9.
Compositions and processes. R. W. Kingerley, Jr. 2,391,631; Dec. 25.
Compositions, Coating. A. L. Kling. 2,390,887; Dec. 11.
Compositions containing resinous polymers of cyclopentadiene. F. J. Soday. 2,384,141; Sept. 4.
Compositions for parasiticidal use. K. R. Brown. 2,374,918; May 1.
Compositions for the prevention of the formation or accretion of ice on exposed surfaces. H. L. West and A. R. Ogston. 2,373,727; Apr. 17.
Compositions for the treatment of fibrous materials. M. H. Roth. 2,372,985; Apr. 3.
Compositions for use in agriculture or horticulture. M. H. M. Arnold. 2,372,046; Mar. 20.
Compositions from vulcanizable gums and making same. G. D. Martin. 2,376,264; May 15.
Compositions, Insecticidal. E. C. Britton, G. H. Coleman, and W. D. Schroeder. 2,368,195; Jan. 30.
Compositions obtained by reaction of a chlorinated acetamide with a benzyl sulphonamide-modified urea resin, Synthetic. G. F. D'Alelio. 2,366,494; Jan. 2.
Compositions of matter and methods and steps of making and using the same. M. T. Harvey. 2,377,552; June 5.
Compositions of matter and pyrolytic methods of synthesizing them. F. B. Downing, A. F. Benning, and R. C. McHarness. 2,387,247; Oct. 23.
Compositions of polymerized chloroprene. A. D. Macdonald. 2,387,338; Oct. 23.
Compounded mineral oil. B. B Farrington, J. O. Clayton, and J. T. Rutherford. 2,382,043; Aug. 14.
Compounding system, Fluid pressure. S. Schnell. 2,381,930; Aug. 14.
Compounding systems, Fluid pressure. S. Schnell. 2,377,813; June 5.
Compounds. H. C. Miller and R. S. Schreiber. 2,379,821; July 3.
Compounds, Anthraquinone. J. B. Dickey and J. R. Byers, Jr. 2,391,011; Dec. 18.
Compounds containing both sulphur and nitrogen, Organic. E. S. Blake. 2,368,515; Jan. 30.
Compounds, Crystalline ternary addition. R. C. Lyon. 2,368,255; Jan. 30.
Compounds, Dibenzanthrone. E. G. Beckett. 2,388,665; Nov. 13.
Compounds of the cyclopentanopolyhydrophenanthrene series and making same. T. Reichstein. 2,387,706; Oct. 23.
Compounds of the cyclopentanopolyhydrophenanthrene series and their production. W. M. Hoehn. 2,374,680; May 1.
Compounds of the cyclopentano-polyhydrophenanthrene series, Manufacture of. W. Logemann. 2,372,410; Mar. 27.
Compounds of 2-sulphanilamido-5-carboxythiazole with vasoconstrictors and their solutions. P. S. Winnek and E. R. Bockstahler. 2,389,582; Nov. 20.
Compounds produced from salts of sulphamic acids and their preparation. G. F. D'Alelio. 2,389,416; Nov. 20.

Compounds to produce drying products, Treating organic. I. M. Colbeth. 2,388,122; Oct. 30.
Compressed air operated rotary tool. W. H. Warren. 2,382,591; Aug. 14.
Compresses, Preparing. J. H. Emerson. 2,381,974; Aug. 14.
Compressing air and the like, Method of and apparatus for. A. M. Thomsen. 2,366,160; Jan. 2.
Compressing apparatus. F. Martindell. 2,366,976; Jan. 9.
Compression fitting. C. E. Laue. 2,377,891; June 12.
Compression indicator. L. V. Robinson. 2,376,814; May 22.
Compression mold. C. F. Marschner. 2,368,717; Feb. 6.
Compressor. H. A. Andresen. 2,382,598; Aug. 14.
Compressor. W. Felzer and S. Weinberg. 2,387,505; Oct. 23.
Compressor. W. R. Freeman. 2,366,186; Jan. 2.
Compressor. W. R. Freeman. 2,384,293; Sept. 4.
Compressor. F. K. Gruss. 2,377,879; June 12.
Compressor. N. Herzmark. 2,382,716; Aug. 14.
Compressor. C. F. Rocheville. 2,374,897; May 1.
Compressor and cooler, Combined centrifugal. A. J. Larrecq. 2,367,223; Jan. 16.
Compressor, Balanced. M. F. and F. A. Hill, 2nd. 2,386,896; Oct. 16.
Compressor, Centrifugal. J. S. Alford. 2,377,740; June 5.
Compressor, Centrifugal. K. D. McMahon. 2,380,772; July 31.
Compressor, Centrifugal. M. G. Robinson. 2,382,913; Aug. 14.
Compressor, Centrifugal type. M. G. Robinson. 2,372,518; Mar. 27.
Compressor, Fluid. A. E. Roy. 2,374,235; Apr. 24.
Compressor for shoes, Sole. C. J. Simonetti. 2,382,112; Aug. 14.
Compressor for warp drawing machines, Drop wire. R. P. Drake. 2,386,600; Oct. 9.
Compressor, Free piston motor. F. Neugebauer and L. Wagenseil. 2,387,603; Oct. 23.
Compressor head and governor assembly. E. E. Hewitt. 2,383,251; Aug. 21.
Compressor lubricant. E. W. Davis. 2,377,677; June 5.
Compressor, Lubricant. E. W. Davis. 2,390,781; Dec. 11.
Compressor, Lubricant. M. Garancher and C. F. Raisch. 2,378,998; June 26.
Compressor, Multistage. H. R. Ricardo. 2,373,779–80; Apr. 17.
Compressor or motor, Rotary. R. Beckman. 2,367,326; Jan. 16.
Compressor throttling apparatus. E. E. Hewitt. 2,383,250; Aug. 21.
Compressor with opposed pistons. E. Waeber. 2,375,395; May 8.
Computer. A. L. Thurston and B. Sweeney. 2,369,420; Feb. 13.
Computer, Balance. L. W. Imm. 2,373,566; Apr. 10.
Computer, Fire control. G. A. Crowther. 2,382,776; Aug. 14.
Computing and listing machine. L. M. Llorens. 2,368,311; Jan. 30.
Computing machine, Record controlled. A. H. Dickinson. 2,390,427; Dec. 4.
Computing system. H. G. Johnstone. 2,366,193; Jan. 2.
Concentrated toxoids and product produced thereby, Preparing. J. Hoffmann. 2,385,443; Sept. 25.
Concentration cell and temperature compensator. J. L. Wilson and E. E. Mendenhall. 2,370,609; Feb. 27.
Concentration mirror for airplanes. A. Ptáček. 2,375,134; May 1.
Concentrator. A. B. Bouwer and L. Dorfman. 2,373,452; Apr. 10.
Concentrator and amalgamator, Clay settling, centripetal reaction. F. E. Maynard. 2,385,094; Sept. 18.
Concrete arch construction. C. S. Whitney. 2,370,763; Mar. 6.
Concrete beam for use in building construction, Half-tubular reinforced. P. W. Abeles. 2,375,744; May 15.
Concrete block and tile mold. W. W. Denham. 2,367,486; Jan. 16.
Concrete buildings, Making reinforced. A. W. Hedgren. 2,379,636; July 3.
Concrete consistency meter. G. Maxon, Jr. 2,372,595; Mar. 27.
Concrete construction. R. D. Yankee. 2,372,042; Mar. 20.
Concrete form clamp. G. H. Stroben. Re. 22,644; May 22.
Concrete grading machine. G. F. Crock. 2,378,065; June 12.
Concrete reinforcing bar. C. A. Menzel. 2,374,827; May 1.
Concrete rodding machine, Portable. M. E. Whiteman. 2,372,163; Mar. 20.
Concrete, Staining. E. H. Swift. 2,379,502; July 3.
Concrete structure, Precast. H. B. Hayes. 2,372,200; Mar. 27.
Concrete structures, Making. K. P. Billner and R. W. Carlson. 2,376,414; May 22.
Concrete wall building block. E. B. Johnson and A. A. Kaehler. 2,383,317; Aug. 21.
Condensation device for retorts. D. L. Newkirk and E. E. Ensign. 2,383,209; Aug. 21.
Condensation of nitroalkanes with ketones. M. S. Larrison and H. B. Hass. 2,383,603; Aug. 28.
Condensation product of acylated hydroxyaromatic acid. O. M. Reiff. 2,368,599; Jan. 30.
Condensation product of nuclear alkyl-substituted hydroxyaromatic compound. O. M. Reiff. 2,368,598; Jan. 30.
Condensation products. G. F. D'Alelio. 2,377,867; June 12.
Condensation products. W. Hentrich and W. Gündel. 2,378,551; June 19.
Condensation products. E. Segessemann and W. L. Abramowitz. 2,372,797; Apr. 3.
Condensation products, Alkoxypropylamine. L. C. Jones and W. P. Ericks. 2,375,659; May 8.
Condensation products and derivatives thereof, Guanidine. W. P. Ericks and M. C. Whitaker. 2,389,723; Nov. 27.
Condensation products and preparing and using same. E. Lieber. 2,384,107; Sept. 4.
Condensation products and preparing and using same. E. Lieber and M. E. Thorner. 2,381,457; Aug. 7.
Condensation products and preparing and using the same. E. Lieber. 2,377,433; June 5.
Condensation products and preparing and using the same. E. Lieber. 2,384,935; Sept. 18.
Condensation products and preparing and using the same. E. Lieber and M. E. Thorner. 2,383,606; Aug. 28.
Condensation products and producing same. R. Kern. 2,390,153; Dec. 4.
Condensation products and their production. W. J. Burke and J. H. Werntz. 2,370,839; Mar. 6.
Condensation products of acetylene, Production of. H. P. Staudinger and K. H. W. Tuerck. 2,377,585; June 5.
Condensation products of heteromonocyclic urea derivatives. W. J. Burke and F. W. Hoover. 2,374,647; May 1.
Condensation products of N,N′-bis (alkoxymethyl) urea and their production. W. J. Burke and J. H. Werntz. 2,374,648; May 1.
Condensation products of pseudothiohydantoin′ protein and producing same. O. Huppert. 2,384,421; Sept. 4.
Condensation products of the modified urea-aldehyde type. G. F. D'Alelio. 2,389,415; Nov. 20.
Condensation products of triazines and substitute triazines with alkylene oxides. W. P. Ericks. 2,381,121; Aug. 7.
Condensation products, Preparing. L. Mack. 2,366,452; Jan. 2.
Condenser: *See*—
Electric condenser.
Electrostatic condenser.
Electrostatic vapor condenser.
Metallized paper electrical condenser.
Trimmer condenser.
Vacuum condenser.
Variable condenser.
Zinc condenser.
Condenser. A. R. Muirhead. 2,385,297; Sept. 18.
Condenser. J. F. Sebald. 2,389,005; Nov. 13.
Condenser apparatus. F. A. Meyer. 2,368,421; Jan. 30.
Condenser construction, Evaporator. F. D. Peltier. 2,387,465; Oct. 23.
Condenser-discharge electric system. H. E. Edgerton. Re. 22,611; Mar. 6.
Condenser material and making same. H. F. Fruth. 2,384,541; Sept. 11.
Condenser winding machine. F. Weiss. 2,384,983; Sept. 18.
Condensing sliver. J. G. Kershaw and H. Fisher. 2,385,448; Sept. 25.
Condensing unit. C. P. Russell. 2,367,801; Jan. 23.
Condition control system. A. W. Brunot. 2,387,562; Oct. 23.
Condition control system. J. P. Kreichbaum. 2,389,439; Nov. 20.
Condition responsive control. G. M. Hausler. 2,372,491; Mar. 27.
Condition responsive switch. G. W. Crise. 2,368,005; Jan. 23.
Conditioner, Keylock. A. C. McGrath. 2,371,534; Mar. 13.
Conditioning apparatus. H. F. Taylor and C. H. Robinson. 2,386,368; Oct. 9.
Conditioning of organic pigments. M. Scalera. 2,369,414; Feb. 13.
Conductive plastic. B. H. Maddock. 2,379,976; July 10.
Conductor and cable, Insulated electrical. J. Shield. 2,386,753; Oct. 16.
Conductor and insulation therefor, Insulated. J. F. Hyde. 2,386,466; Oct. 9.
Conductor, Bridging. A. B. Thomas. 2,379,047; June 26.
Conductor, Insulator electric. O. A. J. van Lin and J. Hoekstra. 2,382,275; Aug. 14.
Conductor structure, Armored. C. S. Gordon. 2,372,323; Mar. 27.
Conductor tap-off clamp. E. A. Link. 2,391,428; Dec. 25.
Conduit. A. S. Pitre and E. Wilson. 2,377,899; June 12.
Conduit clamp. R. A. Hartman. 2,374,541; Apr. 24.
Conduit clip. H. R. Ellinwood. 2,373,300; Apr. 10.
Conduit closure. C. H. Chapman and C. P Griffith. 2,380,217; July 10.
Conduit, Collapsible air. W. L. Steffens and L. E. Whitaker. 2,371,556; Mar. 13.
Conduit connector for fluid pressure control. A. W. Gardes. 2,372,820; Apr. 3.
Conduit coupling means. C. G. Cooper. 2,371,805; Mar. 20.

Conduit, Exhaust. P. E. Mercier. 2,370,062; Feb. 20.
Conduit for tank water heaters, Heat-absorbing water. C. H. Morrow. 2,371,346; Mar. 13.
Conduit, Hose. J. Berger and P. Hirsch. 2,375,614; May 8.
Conduit housing, Removable. G. J. Soderberg. 2,368,619; Feb. 6.
Conduit, Metal. D. Ingalls. 2,367,944; Jan. 23.
Conduit or pipe support. L. H. Peevey. 2,382,577; Aug. 14.
Conduit, Sectional surface drain. F. S. Wendelken. 2,386,020; Oct. 2.
Conduit supporting clip. H. R. Ellinwood. 2,379,568; July 3.
Conduit supporting device. R. C. Jordan. 2,372,674; Apr. 3.
Conduit, Underground. F. W. Gay. 2,384,246; Sept. 4.
Cone jacket applying machine. J. Balton. 2,371,668. Mar. 20.
Cones, Manufacturing pyrometric. G. A. Bole, M. C. Shaw, and H. E. Co Van. 2,377,666; June 5.
Confection. B. Atkinson. 2,388,815; Nov. 13.
Confection and making. P. L. Julian, E. W. Meyer, and H. T. Iveson. 2,373,687; Apr. 17.
Confection handling apparatus. C. R. Taylor. 2,366,941; Jan. 9.
Connecting a race-way member to the stationary frame of a machine, Detachably. L. P. Crosman. 2,375,975; May 15.
Connecting companion pieces of luggage. H. B. Nelson. 2,372,845; Apr. 3.
Connecting device for aircraft catapults. A. Grause. 2,369,455; Feb. 13.
Connecting device for electrical instruments on aircraft. J. H. Jalbert. 2,369,570; Feb. 13.
Connecting devices. A. J. Lombardi. 2,376,370; May 22.
Connecting means for conveyer troughs. E. R. Bergmann. 2,381,252; Aug. 7.
Connecting pin holder. C. W. Mott. 2,391,100; Dec. 18.
Connecting rods, Manufacturing of radial master. H. O. Eiane. 2,377,769; June 5.
Connection. R. M. Smith and B. C. Webster. 2,381,315; Aug. 7.
Connection for containers. E. R. Koppel. 2,382,489; Aug. 14.
Connection for electric motors, Delayed-start. D. E. Fritz. 2,383,303; Aug. 21.
Connection for electrical machines, Conductor. G. R. Anderson. 2,391,115; Dec. 18.
Connection for lined tanks. W. E. Crawford. 2,374,733; May 1.
Connection for use with spark plugs, Elbow. B. W. Hulfish. 2,381,595; Aug. 7.
Connection means. W. J. Brown and A. L. W. Williams. 2,368,198; Jan. 30.
Connector: *See*—
- Cable connector.
- Electrical connector.
- Fish line assembly connector.
- Flight and link connector.
- Hose connector.
- Pressure operated tool connector.
- Self-wiping electric plug connector.
- Spoke connector.
- Structural connector.
- Terminal connector.
- Timber connector.
- Wire connector.

Connector. R. H. Corliss. 2,388,954; Nov. 13.
Connector. R. C. Graham. 2,389,255; Nov. 20.
Connector. H. V. Harding. 2,383,124; Aug. 21.
Connector and making the same, Pressure type. T. W. Langford; 2,374,107; Apr. 17.
Connector for binding posts. P. H. Robar. 2,376,812; May 22.
Connector for loud-speakers and the like, Electrical. E. Stanko. 2,379,664; July 3.
Connector for selectors, Spring. R. Rivers. 2,391,479; Dec. 25.
Connector for telephone instruments, Cord. E. S. McLarn. 2,367,298; Jan. 16.
Connector or clamp, Wire or rod. L. Frank. 2,387,436; Oct. 23.
Connector wrench. K. Stanley. 2,386,011; Oct. 2.
Conoscope and using the same. W. L. Bond. 2,387,825; Oct. 30.
Constant current regulator. E. H. Haug. 2,386,458; Oct. 9.
Constant multiplier control. A. B. Machado. 2,388,211; Oct. 30.
Constant torque clutch. O. O. Sunderland. 2,371,855; Mar. 20.
Constituents of gaseous mixtures by liquefaction and rectification, Separation of the. W. Dennis. 2,386,297; Oct. 9.
Constituents of tall oil, Separating and recovering. J. F. Loughlin. 2,382,890; Aug. 14.
Constructing shell-form structures, Method and apparatus for. W. Neff. 2,388,701; Nov. 13.
Construction design and shrink joint for ships. F. A. Rydberg. 2,390,330; Dec. 4.
Construction for firearms, Front-band. R. E. Clarkson. 2,371,282; Mar. 13.
Construction for firearms, Front-band. W. C. Roemer. 2,368,160; Jan. 30.
Construction for glass melting tanks. G. D. Campbell. 2,387,880; Oct. 30.
Construction method. W. S. Simonson. 2,366,156; Jan. 2.
Construction unit, Building. R. W. McLaughlin, Jr. 2,389,863; Nov. 27.
Construction units, Assembling. L. F. Urbain. 2,389,171; Nov. 20.
Construction with a comparatively large base into the soil, Lowering a. B. H. H. Zweers. 2,382,768; Aug. 14.
Contact and terminal for electric switches, Combination. E. N. Jacobi. 2,382,996; Aug. 21.
Contact apparatus. C. H. Rodgers and G. C. Neureuther. 2,384,424; Sept. 4.
Contact for copper oxide rectifiers. C. C. Hein. 2,383,311; Aug. 21.
Contact lenses, Manufacturing. G. J. Sheldon. 2,369,758; Feb. 20.
Contact masses. W. I. Patnode. 2,380,997; Aug. 7.
Contact material, Regenerative. C. E. Hemminger. 2,390,708; Dec. 11.
Contact materials. H. C. Graves, Jr. 2,370,400; Feb. 27.
Contact materials, Regeneration of. R. W. McOmie. 2,386,491; Oct. 9.
Contacting apparatus, Countercurrent. W. C. Rousseau. 2,378,952; June 26.
Contacting device. C. F. Spahn, Jr. 2,369,616; Feb. 13.
Contacting element. F. R. Hensel. 2,387,903; Oct. 30.
Contacting finely divided solid particles with fluids, Method and apparatus for. J. G. Alther. 2,389,399; Nov. 20.
Contacting process. M. M. Marisic. 2,384,942; Sept. 18.
Contactor. F. C. Iglehart and R. B. Immel. 2,374,017; Apr. 17.
Contactor, Direct-current energized. R. B. Immel and R. T. Kintzing. 2,380,442; July 31.
Contactor, Solenoid. M. G. Nelsen. 2,381,075; Aug. 7.
Container: *See*—
- Adjustable closed or sealed container.
- Aerial delivery container.
- Automatic release aerial delivery container.
- Blade dispensing container.
- Box or container.
- Carboy container.
- Cartridge container.
- Cellular paperboard container.
- Cement container.
- Chemical heating container.
- Collapsible container.
- Cosmetic container.
- Crown capped container.
- Cylindrical container.
- Dental plate container
- Dentifrice and toothbrush container.
- Dispensing container.
- Double container.
- Easy opening, reclosable container.
- Extensible dispensing container.
- Fiber container.
- Fibrous container.
- Folding container.
- Fuel container.
- Fuel tank or container.
- Gasproof container.
- Hair spring container.
- Heated food container.
- Hinged cover container.
- Insulated record container.
- Interlocking container.
- Key container.
- Knockdown container.
- Metal container.
- Moistureproof container.
- Nonrefillable container.
- Oil container.
- Ornamental container.
- Package container.
- Paper container.
- Perfume dispensing container.
- Portable container.
- Reclosable metal container.
- Reinforced container.
- Self-heating container.
- Self-locking container.
- Shipping container.
- Snap-down bottom, flat-folded paperboard container.
- Sterilizing container.
- Submersible container.
- Tape message container.
- Tubular container.
- Unit container.
- Valved container.
- Welding rod container.
- Wire container.

Container. N. C. R. Azpiazu. 2,373,444; Apr. 10.
Container. C. A. Baer. 2,373,285; Apr. 10.
Container. C. H. Barr. 2,372,181–2; Mar. 27.
Container. C. H. Barr. 2,372,352; Mar. 27.
Container. T. Begg. 2,370,132; Feb. 27.
Container. G. W. Blair. 2,378,126; June 12.
Container. J. E. Borah. 2,389,890; Nov. 27.
Container. A. and E. A. Calleson. 2,384,810; Sept. 18.
Container. H. L. Carpenter. 2,382,858; Aug. 14.
Container. J. S. Cates. 2,378,128; June 12.
Container. S. W. Conner, J. R. Neil, and P. A. Nemoede 2,374,177; Apr. 24.
Container. H. A. Eggerss. 2,391,774; Dec. 25.
Container. N. Geertsen. 2,390,094; Dec. 4.
Container. C. W. Gibbs. 2,375,101; May 1.
Container. E. D. Gillam. 2,385,268; Sept. 18.
Container. A. J. Godshalk. 2,374,481; Apr. 24.
Container. C. H. Goodyear. 2,387,325; Oct. 23.
Container. R. J. Greenleaf, II. 2,367,675; Jan. 23.
Container. R. Guyer. 2,383,853; Aug. 28.
Container. M. Habif. 2,374,346; Apr. 24.
Container. J. M. Hothersall. 2,371,173; Mar. 13.
Container. W. B. Johnson. 2,387,270; Oct. 23.
Container. J. Leshin. 2,383,726; Aug. 28.
Container. R. E. Lowey. 2,381,067; Aug. 7.
Container. R. Meller. 2,391,639; Dec. 25.
Container. G. A. Moore. 2,375,809; May 15.
Container. G. A. Moore. 2,382,573; Aug. 14.
Container. J. R. C. Quilter. 2,372,981; Apr. 3.
Container. J. R. Richards and C. W. Evert. 2,382,819; Aug. 14.
Container. F. A. Sawyer. 2,378,161; June 12.
Container. J. E. Socke and G. E. Eckman. 2,371,194; Mar. 13.

Container. A. F. Stagmeier. 2,379,043; June 26.
Container. E. O. Then. 2,369,188; Feb. 13.
Container. G. Waggoner and R. Miller. 2,366,819; Jan. 9.
Container. P. H. Waller and E. B. Nottingham. 2,371,369; Mar. 13.
Container. A. H. Warth and W. C. Rainer. 2,378,521; June 19.
Container. H. F. Waters. 2,377,533; June 5.
Container. I. L. Wilcox and R. Horning. 2,382,035; Aug. 14.
Container. B. M. Williams and F. L. Rushing. 2,366,304; Jan. 2.
Container. M. I. Williamson. 2,377,471; June 5.
Container and applicator for wax or the like. A. T. Rogovin. 2,389,276; Nov. 20.
Container and closure cap. E. E. Holwick. 2,368,836; Feb. 6.
Container and closure seal therefor, Sheet metal. M. Schwartz. 2,371,586; Mar. 13.
Container and closure therefor. P. V. Di Cosmo. 2,370,018; Feb. 20.
Container and closure therefor. F. J. Williams and M. Kaplan. 2,391,212; Dec. 18.
Container and closure with opening means therefor. P. V. Di Cosmo. 2,375,632; May 8.
Container and dispenser for soda straws or the like, Shipping. W. E. Amberg. 2,382,597; Aug. 14.
Container and forming the same. G. A. Moore. 2,377,358; June 5.
Container and forming the same. A. B. Wilson. 2,378,878; June 19.
Container and iron. A. C. Hoecker. 2,387,757; Oct. 30.
Container and making same. G. A. Moore. 2,370,680; Mar. 6.
Container and making the same. H. E. Braloff. 2,369,012–13; Feb. 6.
Container and measure, Coffee. A. M. Jess. 2,372,278; Mar. 27.
Container and sealing same. P. V. di Cosmo. 2,378,470; June 19.
Container blowing and cooling apparatus. O. H. Samuelson and A. T. Zappia. 2,382,028; Aug. 14.
Container carrier. T. H. Firks and W. E. Mackelfresh, Jr. 2,386,101; Oct. 2.
Container cleaning machine. A. C. Everett. 2,386,043; Oct. 2.
Container closure. E. Pick. 2,372,391; Mar. 27.
Container closure. F. V. Severin. 2,380,797; July 31.
Container cover and attachment therefor. R. D. Anderson. 2,370,927; Mar. 6.
Container-drum. J. J. Schumacher. 2,383,745; Aug. 28.
Container end closure. R. W. Hoag. 2,373,397; Apr. 10.
Container fabricating machine. C. Z. Monroe. 2,367,884; Jan. 23.
Container fabricating machine. R. Spurr. 2,370,757; Mar. 6.
Container fastening means. P. Zalkind. 2,372,805; Apr. 3.
Container filling system. W. McK. Martin. 2,383,507; Aug. 28.
Container for aircraft, Ammunition. H. Hertel. 2,382,715; Aug. 14.
Container for aseptic filling and dispensing of sterile liquids. C. M. De Woody. 2,388,634; Nov. 6.
Container for assemblies to be bonded. R. L. Beasecker. Re. 22,636; Apr. 24.
Container for blasing caps. A. R. Ely and R. B. Smith. 2,386,546; Oct. 9.
Container for compressed gases, Portable. S. W. Alderfer. 2,380,372; July 31.
Container for corrective substances. P. E. Knudsen. 2,384,099; Sept. 4.
Container for corrosive liquids and other substances. D. T. Downes. 2,384,084; Sept. 4.
Container for dynamite, Paper. E. A. Godfrey. 2,383,542; Aug. 28.
Container for fluids, Storage. W. G. Laird. 2,388,163; Oct. 30.
Container for highpressure fluids. D. Mapes. 2,370,677; Mar. 6.
Container for perishable products. G. P. Kuehner. 2,386,866; Oct. 2.
Container for sterile compresses, Dispensing. M. McI. Dukehart. Jr. 2,391,301; Dec. 18.
Container for use with aircraft, Refrigerated shipping. L. F. Clerc. 2,382,859; Aug. 14.
Container for water bottles, Cup. H. E. Weideman. 2,378,608; June 19.
Container from paper pulp and apparatus therefor, Making R. E. MacDonald. 2,385,145; Sept. 18.
Container gauge. H. C. Grant, Jr., and W. A. V. Thomsen. 2,376,353; May 22.
Container handle. J. C. Morris. 2,373,408; Apr. 10.
Container handle. R. H. Van Saun. 2,378,340; June 12.
Container handling means. E. Roy Alling and J. C. Knepflar. 2,371,140; Mar. 13.
Container holder. W. O. Demuth. 2,387,982; Oct. 30.
Container holder. A. Taurman and L. H. Hyneman. 2,370,822; Mar. 6.
Container lifter. A. S. Krueger. 2,369,902; Feb. 20.
Container, Manufacture of liquid. L. Shakesby. 2,374,386; Apr. 24.
Container-opening tool. C. E. Stafford. 2,389,648; Nov. 27.
Container parts, Making fiber. J. M. Hothersall. 2,380,440; July 31.
Container sealing device. C. C. Grotnes. 2,368,758; Feb. 6.
Container sealing means. G. T. Derby. 2,372,885; Apr. 3.
Container vacuumizing and closing machine. A. L. Kronquest. 2,391,319; Dec. 18.
Container vent. W. B. Johnson. 2,373,118; Apr. 10.
Container with handle. A. C. Jacobs. 2,387,329; Oct. 23.
Containers. D. Mapes. 2,386,246; Oct. 9.
Containers and products thereof, Making. H. F. Waters. 2,367,477; Jan. 16.
Containers, Closure for. H. Gräbener. 2,382,051; Aug. 14.
Containers, Closure for paper. F. J. O'Brien. 2,389,534; Nov. 20.
Containers, Closure of collapsible. W. J. Randall. 2,376,185; May 15.
Containers, Constructing. R. Guyer and R. J. Hennessey. 2,387,392; Oct. 23.
Containers, Constructing M. O. Kuhn. 2,381,385; Aug. 7.
Containers, Covering. H. J. Arena and J. J. Virgona. 2,371,667; Mar. 20.
Containers, Fabricating. W. F. Pittman. 2,377,103; May 29.
Containers, Filling. M. J. M. de Milleville. 2,382,696; Aug. 14.
Containers, Flake aluminum finishes for lining food. M. G. Gardner. 2,366,850; Jan. 9.
Containers for corrosive substances, Glass-lined. P. E. Knudsen. 2,385,924; Oct. 2.
Containers for liquified gases, Spherical type insulated. J. O. Jackson. 2,386,958; Oct. 16.
Containers, Forming. J. Geier. 2,385,071; Sept. 18.
Containers, Forming plastic coated. L. M. Wiley. 2,377,393; June 5.
Containers, Loading ammunition. C. H. A. Hartley. 2,386,894; Oct. 16.
Containers, Making. C. Barbieri. 2,367,749; Jan. 23.
Containers, Making. M. O. Kuhn. 2,381,386; Aug. 7.
Containers, Making. J. C. Morrell. 2,367,419; Jan. 16.
Containers, Manufacture of liquid. L. Shakesby. 2,377,722; June 5.
Containers, Molding. W. Y. Stocking. 2,387,778; Oct. 30.
Containers, Opening and closing pressure. A. H. Heineman. 2,370,660; Mar. 6.
Containers, Preparing, Water resistant. I. McHenry. 2,391,791; Dec. 25.
Containers, Sealing. A. P. Grabus, Jr., and A. H. Warth. 2,387,439; Oct. 23.
Containers, Stoppering and opening fluid. A. Mathisen. 2,385,826; Oct. 2.
Containers with explosive mixtures, Filling. N. M. Hopkins. 2,385,810; Oct. 2.
Contents gauge for deep tanks. C. A. De Giers. 2,369,027; Feb. 6.
Continuous centrifugal separator. E. Puig y Terradas. 2,368,876; Feb. 6.
Continuous diffusion process. H. F. Silver. 2,390,131; Dec. 4.
Continuous drier. L. R. Christie. 2,373,382; Apr. 10.
Continuous fusion reactions, Carrying out. S. P. Miller. 2,378,314; June 12.
Continuous industrial filter. C. M. Stanley. 2,377,189; May 29.
Continuous press. R. B. Haines, 3d. 2,367,677; Jan. 23.
Continuous strip-handling reel. J. M. Andreas. 2,388,591; Nov. 6.
Continuous tube rolling mill. B. Bannister. 2,378,278; June 12.
Continuous vulcanization process and apparatus. D. R. De Roche and D. D. Jones. 2,373,816; Apr. 17.
Contour finder. T. Abrams, M. B. Moore, and C. B. Van Kirk. 2,369,634; Feb. 20.
Contour for rotor teeth, Elliptical. M. F. Hill. 2,389,728; Nov. 27.
Contra-angle attachment for dental handpieces. J. H. Blair. 2,370,632; Mar. 6.
Contraction joint for concrete. A. C. Fischer. 2,370,153; Feb. 27.
Control. F. S. Clark. 2,371,378; Mar. 13.
Control and indicating apparatus. O. H. Petersen. 2,370,576; Feb. 27.
Control apparatus. D. M. Borden. 2,390,043; Dec. 4.
Control apparatus. T. A. Cohen. 2,374,652; May 1.
Control apparatus. S. Crum. 2,390,425; Dec. 4.
Control apparatus. W. H. Gille and J. V. Sigford. 2,375,988; May 15.
Control apparatus. M. Gottlieb. 2,389,040; Nov. 13.
Control apparatus. T. R. Harrison. 2,367,349; Jan. 16.
Control apparatus. E. E. Hewitt. 2,388,357; Nov. 6.
Control apparatus. H. S. Jones. 2,376,488; May 22.
Control apparatus. H. S. Jones. 2,377,869; Jan. 23.
Control apparatus. H. S. Jones. 2,390,793; Dec. 11.
Control apparatus. A. G. Larson and C. S. Kelley. 2,379,306; June 26.
Control apparatus. A. J. Loepsinger. 2,387,668; Oct. 23.
Control apparatus. F. B. MacLaren, Jr. 2,374,610; Apr. 24.

Control apparatus. H. E. Malone and P. G. Frerer. 2,375,234; May 8.
Control apparatus. J. B. McMahon. 2,380,858; July 31.
Control apparatus. A. W. Plensler. Re. 22,634; Apr. 17.
Control apparatus. W. A. Ray. 2,381,926; Aug. 14.
Control apparatus. A. F. Schwendner. 2,383,219; Aug. 21.
Control apparatus. W. L. Shaffer. 2,376,513; May 22.
Control apparatus. C. C. Smith. 2,387,810; Oct. 30.
Control apparatus. R. R. Stevens. 2,383,277; Aug. 21.
Control apparatus. D. G. Taylor. 2,388,350; Nov. 6.
Control apparatus. R. H. Whempner. 2,367,162; Jan. 9.
Control apparatus. R. F. Wyer. 2,379,774; July 3.
Control apparatus, Burner. O. W. Hahn. 2,381,215; Aug. 7.
Control apparatus, Fluid fuel burner. S. G. Isserstedt. 2,372,276; Mar. 27.
Control apparatus, Fluid pressure. A. J. Bent. 2,389,020; Nov. 13.
Control apparatus for aircraft. V. E. Stevens. 2,373,065; Apr. 3.
Control apparatus for engines. C. L. Baumann, Jr. 2,382,847; Aug. 14.
Control apparatus for fuel burning appliances. R. Martin. 2,367,038; Jan. 9.
Control apparatus for starting internal-combustion engines, Remote. F. P. Parfitt. 2,367,960; Jan. 23.
Control circuit. G. H. Pohm. 2,377,180; May 29.
Control circuit for telephone extension signals and the like. J. H. Wheelock. 2,377,059; May 29.
Control device. F. B. Aubert. 2,386,648; Oct. 9.
Control device. M. O. Bassett. 2,376,652; May 22.
Control device. E. W. Batterson. 2,373,739; Apr. 17.
Control device. J. D. Bolesky. 2,370,519; Feb. 27.
Control device. J. D. Bolesky. 2,388,113; Oct. 30.
Control device. E. J. Dillman. 2,377,765; June 5.
Control device. C. C. Farmer. 2,379,289; June 26.
Control device. W. A. Gigger. 2,387,254; Oct. 23.
Control device. W. H. Gille. 2,390,581; Dec. 11.
Control device. W. H. Gille and H. A. Petsch. 2,371,236; Mar. 13.
Control device. H. C. May. 2,381,222; Aug. 7.
Control device. P. S. Russel. 2,378,883; June 19.
Control device. C. K. Strobel. 2,381,784; Aug. 7.
Control device. W. R. Weeks. 2,367,985; Jan. 23.
Control device, Compression. D. F. Foster. 2,381,895; Aug. 14.
Control device for aircraft, Lateral. M. C. Boyd. 2,379,274; June 26.
Control device for automotive vehicles. R. K. Lee. 2,366,413; Jan. 2.
Control device for compressed air brakes. H. Gallusser. 2,376,680; May 22.
Control device for electrical equipment. L. H. Matthias. 2,369,363; Feb. 13.
Control device for phonographs, Automatic. H. Noren and F. Kylemo. 2,373,494; Apr. 10.
Control device for radio receivers. J. Matt. 2,367,363; Jan. 16.
Control device for rotor blades, Pitch. D. W. Main. 2,389,798; Nov. 27.
Control device for scavenged ignition-type internal-combustion engines. A. Büchi. 2,376,115; May 15.
Control device for the automatic pilotage of airplanes. R. Annen. 2,378,744; June 19.
Control device for the filling of turbo transmission circuits. F. Kugel and H. Benz. 2,374,941; May 1.
Control device, Hydraulic. H. E. Balsiger and R. E. Price. 2,386,184; Oct. 9.
Control device, Ignition timing. J. S. Hasbrouck. 2,390,146; Dec. 4.
Control device, Motor. R. S. Elberty, Jr. 2,386,304; Oct. 9.
Control device, Selecting. E. A. Derungs. 2,388,043; Oct. 30.
Control exchange for heat exchange systems. W. L. Hand. 2,380,839; July 31.
Control for aircraft superchargers. D. R. Shoults. 2,376,199; May 15.
Control for airplanes, Trimmer tab. J. Martin. 2,379,977; July 10.
Control for electric discharge devices, Starting. R. N. Thayer. 2,379,115; June 26.
Control for electric fuel pumps. A. C. Korte and K. Lannert. 2,370,249; Feb. 27.
Control for electrol motors, System of. W. Schaechlin and E. Frisch. 2,370,078; Feb. 20.
Control for engines, Speed. W. P. Cousino. 2,387,236; Oct. 23.
Control for engines, Speed. D. A. Wallace, R. E. Hewlett, and W. T. Wilbur. 2,387,370; Oct. 23.
Control for fish lines, Leader. G. N. Thomas. 2,382,677; Aug. 14.
Control for floor furnaces. V. R. Pawelsky. 2,385,536; Sept. 25.
Control for fluid operated motors. C. J. Kopp. 2,380,973; Aug. 7.
Control for fluid operated motors. T. F. Stacy. 2,367,241; Jan. 16.
Control for fluid operated pistons, Automatic. C. J. Kopp. 2,380,975; Aug. 7.
Control for fuel burners, Safety. C. K. Strobel. 2,379,113; June 26.
Control for gaseous fuel burners. Safety. S. G. Eskin and C. K. Strobel. 2,382,216; Aug. 14.
Control for heating systems, Automatic. W. F. Miller. 2,381,223; Aug. 7.
Control for hydraulic transmissions. A. R. Grad. 2,368,017; Jan. 23.
Control for lathes, Carriage. E. C. Brooking. 2,368,408; Jan. 30.
Control for let-off mechanism of looms, Automatic tension. Y. H. Kurkjian. 2,381,670; Aug. 7.
Control for locked oscillators, Automatic. W. A. McCool. 2,377,894; June 12.
Control for machine tools. G. Davenport. 2,374,255; Apr. 24.
Control for machine tools, Electric. S. H. Caldwell, J. J. Jaeger, and R. Taylor. 2,389,594; Nov. 27.
Control for oil burners. W. A. Bulger. 2,369,530; Feb. 13.
Control for percussive tools, Bit. A. G. Decker, Jr. 2,391,553; Dec. 25.
Control for photographs, Remote. H. G. Jensen and M. G. Nelsen. 2,378,557; June 19.
Control for platens. F. A. Stuhlman. 2,379,840; July 3.
Control for pressing machines. F. C. Lornitzo. 2,381,917; Aug. 14.
Control for pressing machines, Latch. F. C. Lornitzo. 2,382,323; Aug. 14.
Control for pressing machines, Safety. F. C. Lornitzo. 2,382,322; Aug. 14.
Control for record handling and copying apparatus. A. E. Schubert, H. P. Hintz, and H. J. Stettner. 2,391,274; Dec. 18.
Control for refrigerating apparatus. A. B. Newton. 2,367,306; Jan. 16.
Control for refrigerating systems. A. C. Hollatz and R. G. Thomas. 2,390,650; Dec. 11.
Control for refrigerator cars, Temperature. C. A. de Giers and A. Wickesser. 2,390,993; Dec. 18.
Control for seismograph amplifiers, Gain. E. M. Shook. 2,383,571; Aug. 28.
Control for selective automatic phonographs, Remote. H. J. Oyler. 2,378,653; June 19.
Control for servomotors, Two-hand. W. F. Gayring. 2,383,851; Aug. 28.
Control for steam heating systems. W. W. Smith. 2,367,741; Jan. 23.
Control for toilet tanks, Water. B. Svirsky. 2,376,402; May 22.
Control for universal resonant type fatigue testing machines. J. C. Sims, Jr. 2,373,351; Apr. 10.
Control for wound rotor induction motors. S. B. Griscom and J. D. Pierce. 2,379,146; June 26.
Control for writing machines, Record and carbon strip. R. P. Willard. 2,391,760; Dec. 25.
Control handle. C. A. Schallis. 2,367,892; Jan. 23.
Control head. H. C. Grant, Jr. 2,386,210; Oct. 9.
Control instrument. E. C. Burdick. 2,376,572; May 22.
Control instrument. N. I. Cockley. 2,376,573; May 22.
Control instrument, Two stage. G. I. Holmes. 2,374,097; Apr. 17.
Control means. E. J. Dillman. 2,389,111; Nov. 13.
Control means. G. J. Hyde. 2,367,280; Jan. 16.
Control means. B. A. Schwarz. 2,371,267; Mar. 13.
Control means for Diesel engines. D. F. Alexander. 2,373,735; Apr. 17.
Control means for draft regulators. M. W. Crew and G. A. Short. 2,381,437; Aug. 7.
Control means for photo-composing machines, Pneumatic. S. N. Wekeman. 2,374,469; Apr. 24.
Control means for power operated machinery. M. T. Knutzen. 2,378,304; June 12.
Control mechanism. C. A. Arens. 2,384,805; Sept. 18.
Control mechanism. C. A. Arens. 2,386,767; Oct. 16.
Control mechanism. C. A. Arens. 2,390,069; Dec. 4.
Control mechanism. J. W. Bridwell and J. E. Jass. 2,366,433; Jan. 2.
Control mechanism. J. B. Brown. 2,372,311; Mar. 27.
Control mechanism. W. W. Criley. 2,388,832; Nov. 13.
Control mechanism. D. P. Eckman. 2,369,887; Feb. 20.
Control mechanism. J. O. Hunt. 2,368,546; Jan. 30.
Control mechanism. S. G. Isserstedt. 2,384,380; Sept. 4.
Control mechanism. C. B. Kurtz. 2,377,700; June 5.
Control mechanism. H. E. Malone. 2,383,982; Sept. 4.
Control mechanism. C. E. Mason. 2,382,895; Aug. 14.
Control mechanism. G. Muffle. 2,375,319; May 8.
Control mechanism. W. Pechy. 2,370,187; Feb. 27.
Control mechanism. V. F. Zahodiakin. 2,369,512–14; Feb. 13.
Control mechanism. V. F. Zahodiakin. 2,382,765–6; Aug. 14.
Control mechanism, Circuit breaker. H. E. Pearson. 2,376,503; May 22.
Control mechanism, Circuit breaker. H. E. Pearson. 2,388,934; Nov. 13.
Control mechanism, Differential. C. Moon. 2,375,938; May 15.
Control mechanism, Fluid pressure. W. A. Eaton. 2,380,507; July 31.
Control mechanism, Fluid pressure. W. A. Eaton. 2,388,045; Oct. 30.
Control mechanism, Fluid pressure. R. R. Stevens. 2,383,278; Aug. 21.

Control mechanism, Fluid pressure. T. J. Turak. 2,380,558; July 31.
Control mechanism for aircraft. C. R. Lemonier. 2,373,575; Apr. 10.
Control mechanism for airplanes. M. Le R. Stoner. 2,376,731; May 22.
Control mechanism for change-speed gearing. G. T. Randol. 2,383,616; Aug. 28.
Control mechanism for concrete mixers. A. McMillan. 2,375,014; May 1.
Control mechanism for fluid operated parts of machine tools. H. R. Bagley. 2,388,460; Nov. 6.
Control mechanism for honing machines. H. J. Caldwell. 2,381,572; Aug. 7.
Control mechanism for honing machines. H. J. Caldwell. 2,390,495; Dec. 11.
Control mechanism for honing machines. H. J. Caldwell and E. Y. Seborg. 2,377,310; June 5.
Control mechanism for mail treating machines. F. P. Sager and C. D. Ryan. 2,373,503; Apr. 10.
Control mechanism for mining apparatus. C. P. Baldwin and H. H. Vanderzee. 2,384,447; Sept. 11.
Control mechanism for pressing machines. O. H. Pearson. 2,371,466; Mar. 13.
Control mechanism for refrigerating devices. L. F. Clerc. 2,367,097; Jan. 9.
Control mechanism for sewing machines. J. Brussell. 2,374,804; May 1.
Control mechanism for transmissions. H. E. Carnagua and D. W. Kelbel. 2,368,801; Feb. 6.
Control mechanism for vehicles. W. W. Dodge. 2,366,391; Jan. 2.
Control mechanism for vehicles, Steering. E. Orshansky, Jr. 2,391,735; Dec. 25.
Control mechanism, Locomotive drifting. R. P. Delano, Jr. 2,383,534; Aug. 28.
Control mechanism, Size. R. S. Elberty, Jr. 2,382,215; Aug. 14.
Control mechanism, Window. J. H. Roethel. 2,379,922; July 10.
Control method and apparatus. M. C. Bates. 2,366,170; Jan. 2.
Control method and mechanism. H. J. Mastenbrook and D. K. Swartwout III. 2,375,431; May 8.
Control of cyclical operations on fluid and like materials, Co-ordinated. W. K. Porteous and W. T. Marchment. 2,372,449; Mar. 27.
Control of electric switches. T. R. Coggeshall. 2,381,336; Aug. 7.
Control of heat transfer salts. J. R. Bates. 2,375,758; May 15.
Control of resistance welding machines. J. W. Bayles. 2,377,601; June 5.
Control operating mechanism. W. Tydon and W. J. Augustine. 2,379,999; July 10.
Control or indicator, Automatic. C. J. Kopp. 2,380,972; Aug. 7.
Control or regulating system employing fluid pressure. R. H. Nisbet and W. G. Harding. 2,390,119; Dec. 4.
Control quadrant. E. D. Clickner. 2,373,225; Apr. 10.
Control rolling means. E. B. Hudson, P. H. Long, and J. W. Pick. 2,374,599; Apr. 24.
Control shift control mechanism. H. T. Avery. 2,366,429; Jan. 2.
Control surface boost device and gust dampener. E. F. Burton, H. W. Adams, and O. A. Wheelon. 2,366,382; Jan. 2.
Control surface for airplanes. A. Utsch. 2,370,893; Mar. 6.

Control system. G. A. Brooke, Jr., and C. C. Chambers. 2,371,590; Mar. 13.
Control system. F. McG. Chilton. 2,375,213; May 8.
Control system. W. G. Cook. 2,379,132; June 26.
Control system. S. B. Crary. 2,367,930; Jan. 23.
Control system. S. B. Crary. 2,371,030; Mar. 6.
Control system. L. Day. 2,391,228; Dec. 18.
Control system. W. A. Derr. 2,372,061; Mar. 20.
Control system. J. A. Deubel. 2,373,103; Apr. 10.
Control system. L. Gess. 2,381,948; Aug. 14.
Control system. W. H. Gille. 2,366,501; Jan. 2.
Control system. L. F. Hemphill. 2,386,683; Oct. 9.
Control system. L. J. Hibbard. 2,387,262; Oct. 23.
Control system. H. B. Holthouse. 2,384,468; Sept. 11.
Control system. C. B. Huston. 2,383,799; Aug. 28.
Control system. S. G. Issersteda. 2,384,622; Sept. 11.
Control system. C. T. Jacobs. 2,367,028; Jan. 9.
Control system. O. A. Keep. 2,372,498; Mar. 27.
Control system. G. E. King. 2,389,367–8; Nov. 20.
Control system. A. E. Krogh and J. P. Vollrath. 2,367,359; Jan. 16.
Control system. J. Z. Linsenmeyer and L. C. Poole. 2,390,799; Dec. 11.
Control system. R. E. Marbury. 2,388,639; Nov. 6.
Control system. E. E. Moyer. 2,376,169; May 15.
Control system. W. A. Ray. 2,372,393; Mar. 27.
Control system. W. A. Ray. 2,375,870; May 15.
Control system. W. A. Ray. 2,377,517; June 5.
Control system. W. A. Ray. 2,384,696; Sept. 11.
Control system. H. E. Reichert. 2,375,039; May 1.
Control system. L. O. Reichelt. 2,375,946; May 15.
Control system. E. D. Schneider. 2,367,619; Jan. 16.
Control system. E. O. Setterblade. 2,390,619; Dec. 11.
Control system. F. D. Snyder. 2,390,812; Dec. 11.
Control system. B. Stahmer. 2,379,837; July 3.
Control system. W. R. Taliaferro. 2,385,041; Sept. 18.
Control system. J. P. Vollrath. 2,381,992; Aug. 14.
Control system. J. P. Vollrath. 2,390,902; Dec. 11.
Control system. M. A. Whiting. 2,385,669; Sept. 25.
Control system. M. A. Whiting. 2,385,671; Sept. 25.
Control system. S. B. Williams. 2,366,583; Jan. 2.
Control system. W. H. Wineman. 2,387,549; Oct. 23.
Control system, Alternating current motor. W. R. Wickerham. 2,384,865; Sept. 18.
Control system, Burner. F. E. Lange. 2,368,850; Feb. 6.
Control system, Carrier-current. J. L. Woodworth. 2,375,722; May 8.
Control system, Deflection. G. L. Beers. 2,385,563; Sept. 25.
Control system, Engine speed. C. H. Fike and H. R. Heinzen. 2,386,392; Oct. 9.
Control system, Fluid-operated. W. W. Sloane. 2,383,894; Aug. 28.
Control system for aircraft guns, Fire. E. W. Chafee. 2,385,348; Sept. 25.
Control system for aircraft turbosuperchargers. M. A. Edwards and M. Levine. 2,376,143; May 15.
Control system for aircraft turbosuperchargers. R. J. Hoffman and F. E. Crever. 2,376,142; May 15.
Control system for aircraft turbosuperchargers. D. R. Shoults. 2,374,708; May 1.
Control system for alternating current drives. W. R. Wickerham. 2,384,864; Sept. 18.
Control system for hydraulically actuated devices. J. S. W. Davidsen. 2,385,351; Sept. 25.
Control system for lifting device carriages, Counterweight. P. J. T. Allard. 2,371,865; Mar. 20.
Control system for machine tools. G. E. King. 2,370,047; Feb. 20.
Control system for regulating the co-ordinated filling and emptying of vessels. W. K. Porteous. 2,372,448; Mar. 27.
Control system for supercharged internal-combustion engines, Air temperature. H. R. Crago. 2,368,642; Feb. 6.
Control system for vehicles, Radio directional. G. B. Greene and R. W. Goble. 2,382,709; Aug. 14.
Control system, Frequency. W. S. Marks. 2,383,005; Aug. 21.
Control system, Hydraulic remote. L. E. Dougherty. 2,372,188–9; Mar. 27.
Control system, Locomotive. T. L. Weybrew. 2,372,145; Mar. 20.
Control system, Mixture. C. I. MacNeil and F. C. Mock. 2,389,797; Nov. 27.
Control system, Oil delivery. E. H. Bickley. 2,377,860; June 12.
Control system, Photoelectric. R. W. Pearson and L. C. Poole. 2,385,725; Sept. 25.
Control system, Receiver fidelity. W. R. Koch. 2,379,720; July 3.
Control system, Sequence. J. Eaton. 2,385,616; Sept. 25.
Control system, Speed. C. E. Gossling. 2,390,144; Dec. 4.
Control system, Synchronizing. W. A. Derr. 2,381,264; Aug. 7.
Control system, Time and condition responsive interlocking. J. Eaton. 2,384,372; Sept. 4.
Control system, Water heater. C. M. Osterheld. 2,368,773–4; Feb. 6.
Control system, Water heater. C. M. Osterheld. 2,368,869; Feb. 6.
Control system with thermal retarder, Water heater. C. M. Osterheld. 2,373,196; Apr. 10.
Control track records, Preparing. N. Levinson. 2,367,293; Jan. 16.
Control unit, Synchronizing power. W. M. Pohl. 2,384,962; Sept. 18.
Control unit, Vibration-reducing. H. S. Peterson. 2,385,881; Oct. 2.
Control valve. F. G. G. Armstrong. 2,371,122; Mar. 13.
Control valve. G. R. Elliott. 2,387,653; Oct. 23.
Control valve. T. E. Mead. 2,388,560; Nov. 6.
Control valve. G. H. Palm. 2,380,608; July 31.
Control valve. E. R. Price. 2,383,682; Aug. 28.
Control valve. A. J. Rosenberger. 2,370,076; Feb. 20.
Control valve. R. E. Schurtz and J. N. Roth. 2,386,817; Oct. 16.
Control valve device. J. W. Rush. 2,367,618; Jan. 16.
Control valve mechanism. E. D. Johnson. 2,366,192; Jan. 2.
Control valve system, Travel. E. A. Rockwell. 2,385,942; Oct. 2.
Control vanes for fans. B. S. Foss. 2,388,208; Oct. 30.
Controlled swivel joint. D. W. Goodwin. 2,388,841; Nov. 13.
Controller. B. Ulinski. 2,373,636; Apr. 10.
Controller, Condition. H. E. Malone. 2,385,823; Oct. 2.
Controller for electric traveling machines. P. B. Harwood and J. M. Newman. 2,385,917; Oct. 2.
Controller for gyro instruments. A. W. Lane and R. S. Curry, Jr. 2,389,158; Nov. 20.
Controller for lifting magnets. A. E. Lillquist and O. P. Proudfoot. 2,390,377; Dec. 4.
Controller for motor-driven printing presses and other machines. W. H. Rouse. 2,387,358; Oct. 23.
Controller for motor-driven traveling devices. E. W. Seeger. 2,368,383; Jan. 30.
Controller for motor operated machines. E. U. Lassen. 2,375,928; May 15.

Controller for multimotor drives. C. P. Feldhausen. 2,379,072; June 26.
Controller for towing winches and other machines. E. U. Lassen and A. A. Johnson. 2,372,963; Apr. 3.
Controller mechanism. C. A. Clifton. 2,366,441; Jan. 2.
Controller, Steam quality. A. Clarkson. 2,387,717; Oct. 30.
Controller, Variable reactance. J. M. Naul. 2,374,883; May 1.
Controlling and indicating apparatus. E. O. Burton and A. V. Nichol. 2,368,743; Feb. 6.
Controlling device. F. M. Slater. 2,378,802; June 19.
Controlling device for well tools. J. S. McDonald and W. E. A. Ruska. 2,387,456; Oct. 23.
Controlling means. W. S. Landon. 2,372,436; Mar. 27.
Controlling means for automotive vehicles. E. A. Rockwell. 2,372,015; Mar. 20.
Controlling means for fluid-operated machines. B. Jorgensen. 2,367,782; Jan. 23.
Controlling means for gyro instruments. R. S. Curry, Jr. 2,381,438; Aug. 7.
Controlling means, Liquid level. P. S. Russel. 2,387,858; Oct. 30.
Controlling mechanism. L. H. Cushman. 2,386,383; Oct. 9.
Controlling mechanism for dispensing machines. H. M. Olsen. 2,370,873; Mar. 6.
Controlling relay. J. E. Preston. 2,389,458; Nov. 20.
Controlling system. J. G. Ziegler. 2,388,457; Nov. 6.
Controlling system for regulators. W. L. Hunt. 2,386,799; Oct. 16.
Controlling the distribution of air, Method of and apparatus for. W. W. Kennedy. 2,368,363; Jan. 30.
Controlling the flow of liquid into containers, System for. R. B. McKinnis. 2,389,268; Nov. 20.
Controlling the fuel supply in two-stroke internal-combustion engines. H. G. Camner. 2,374,411; Apr. 24.
Controlling the operation of automatic mechanism such as automatic guns, Method and apparatus for. H. Trevaskis. 2,382,352; Aug. 14.
Controlling valve. P. K. Saunders. 2,376,387–8; May 22.

Convection heater. I. Jepson. 2,372,832; Apr. 3.
Conversion of continuous filaments into staple fiber yarns or like products. C. H. Hays. 2,366,785; Jan. 9.
Conversion of hydrocarbons, Polyform. A. H. Schutte. 2,382,107; Aug. 14.
Conversion process. H. G. Blankmeyer and W. H. Stark. 2,375,189; May 8.
Conversion process. H. C. Mayland. 2,374,826; May 1.
Conversion process and apparatus, Catalytic. V. Voorhees and W. L. Webb. 2,378,342; June 12.
Conversion process, Hydrocarbon. R. F. Ruthruff. 2,382,100; Aug. 14.
Conversion system, Catalytic. E. A. Johnson. 2,367,281; Jan. 16.
Conversion system, Catalytic. D. A. Monro. 2,379,027; June 26.
Conversion system, Hydrocarbon. E. A. Johnson. 2,379,966; July 10.
Converter, Arc-welding. M. Morrison. 2,380,668; July 31.
Converter attachment. J. M. Sherrer. 2,378,587; June 19.
Converter, Catalytic. J. S. Pecker. 2,376,271; May 15.
Converter, Catalytic. R. S. Stanfield and L. W. Doolan, Jr. 2,376,629; May 22.
Converter, Fluid torque. J. Jandasek. 2,388,329; Nov. 6.
Converter, Torque. R. Lapsley. 2,389,520; Nov. 20.
Convertible chair. N. T. Quinney. 2,377,649; June 5.
Convertible chair. E. L. Troxell. 2,375,151; May 1.
Convertible freight car. A. Kassler and J. B. D. Thompson. 2,366,967; Jan. 9.
Converting device. S. G. Myers. 2,377,898; June 12.
Converting ore, Method and apparatus for. W. C. Kirkpatrick. 2,390,105; Dec. 4.
Conveyer. A. R. Askue. 2,375,065; May 1.
Conveyer. R. E. Briggs. 2,380,384; July 31.
Conveyer. E. E. Brunner. 2,383,932; Sept. 4.
Conveyer. B. G. Daw. 2,368,525; Jan. 30.
Conveyer. W. T. Eppler. 2,390,785; Dec. 11.
Conveyer. J. H. Fulper. 2,368,353; Jan. 30.
Conveyer. J. H. Hampton. 2,379,351; June 26.
Conveyer. P. M. Hassler. 2,372,199; Mar. 27.
Conveyer. B. Henricksen. 2,390,302; Dec. 4.
Conveyer. W. H. Hudson. 2,371,624; Mar. 20.
Conveyer. R. K. Jeffrey. 2,366,407; Jan. 2.
Conveyer. D. Knies. 2,384,179; Sept. 4.
Conveyer. A. W. Lemmon. 2,373,765; Apr. 17.
Conveyer. F. J. Le Roy. 2,390,261; Dec. 4.
Conveyer. G. A. Miller. 2,382,087; Aug. 14.
Conveyer. C. Z. Monroe. 2,368,483; Jan. 30.
Conveyer. R. A. Pearson. 2,384,959; Sept. 18.
Conveyer. J. A. Porter. 2,388,283; Nov. 6.
Conveyer. C. R. and R. R. Raney. 2,369,754; Feb. 20.
Conveyer. D. Rose. 2,391,272; Dec. 18.
Conveyer. A. De L. Sinde. 2,389,279; Nov. 20.
Conveyer. A. D. Sinden. 2,366,569; Jan. 2.
Conveyer. A. D. Sinden. 2,372,798; Apr. 3.
Conveyer. A. D. Sinden. 2,375,697; May 8.
Conveyer. A. D. Sinden. 2,375,698; May 8.
Conveyer. A. D. Sinden. 2,375,699; May 8.
Conveyer. E. C. Wehle. 2,387,220; Oct. 16.
Conveyer and distributor, Container. C. N. Bergmann. 2,371,419; Mar. 13.
Conveyer and loader, Portable. R. H. and F. F. Blank. 2,389,759; Nov. 27.
Conveyer assembly, Reversible grain. H. and W. Bobrowski. 2,389,483; Nov. 20.
Conveyer, Bake oven. J. R. Nalbach. 2,390,455; Dec. 4.
Conveyer, Bake oven. J. R. Nalbach and A. Haupt. 2,369,840; Feb. 20.
Conveyer, Belt. J. R. Madeira. 2,373,389; Apr. 17.
Conveyer, Car loading. J. R. Madeira. 2,384,385; Sept. 4.
Conveyer chain. H. Klaucke and R. G. Davis. 2,385,923; Oct. 2.
Conveyer, Combined ladder and fruit. R. W. Hawes. 2,374,864; May 1.
Conveyer control. A. F. Dees. 2,371,956; Mar. 20.
Conveyer control. E. P. Smith. 2,372,131; Mar. 20.
Conveyer, Flexible. T. W. Jones. 2,377,155; May 29.
Conveyer for automotive vehicles. F. W. Stevenson. 2,381,783; Aug. 7.
Conveyer for filling machines. R. D. Delamere. 2,369,540; Feb. 13.
Conveyer for ovens. G. J. Dawn. 2,390,075; Dec. 4.
Conveyer, Forced draft. C. C. McConkle. 2,381,762; Aug. 7.
Conveyer furnace. J. B. Rauen. 2,367,429; Jan. 16.
Conveyer, Grain. F. T. Court. 2,377,760; June 5.
Conveyer, Log barker. E. C. Shaw. 2,391,802; Dec. 25.
Conveyer lubricator. E. H. Kanter. 2,367,354; Jan. 16.
Conveyer mechanism. R. M. Jacobson. 2,384,033; Sept. 4.
Conveyer mechanism. E. N. Michna. 2,369,479; Feb. 13.
Conveyer mechanism. W. W. Pabst. 2,390,895; Dec. 11.
Conveyer mechanism. R. M. Rogers and A. M. Walker. 2,381,185; Aug. 7.
Conveyer mechanism and printing press, Synchronized. F. W. Hill. 2,386,551; Oct. 9.
Conveyer, Portable power-driven. A. C. Turtle. 2,375,965; May 15.
Conveyer, Selective. L. M. Bailey. 2,377,848; June 12.
Conveyer, Shaker. E. R. Bergmann. 2,379,337; June 26.
Conveyer structure. H. P. Faris and J. E. White. 2,371,747; Mar. 20.
Conveyer structure. R. E. Klein. 2,373,477; Apr. 10.
Conveyer structure. P. R. Powell. 2,374,131; Apr. 17.
Conveyer structure. H. Sieb. 2,390,276; Dec. 4.
Conveyer system. N. B. Griffin and C. H. Brechner. 2,390,935; Dec. 11.
Conveyer system. G. A. Lyon. 2,368,233; Jan. 30.
Conveyer system. D. H. Mitchell. 2,366,279; Jan. 2.
Conveyer system. D. H. Mitchell. 2,372,789; Apr. 3.
Conveyer system. D. H. Mitchell. 2,375,863; May 15.
Conveyer system and control therefor. E. P. Smith. 2,372,130; Mar. 20.
Conveying and handling unit. D. C. Heitshu. 2,375,104; May 1.
Conveying and processing apparatus. R. M. Carrier, Jr. 2,374,664; May 1.
Conveying and processing apparatus. J. V. Davis. 2,375,630; May 8.
Conveying apparatus. E. M. Crosland. 2,371,877; Mar. 20.
Conveying apparatus. C. L. Gerlach. 2,379,571; July 3.
Conveying apparatus. P. R. Hornbrook. 2,380,310–11; July 10.
Conveying apparatus. O. W. Wood. 2,382,194; Aug. 14.
Conveying apparatus, Commodity. C. H. Carpenter. 2,391,125; Dec. 18.
Conveying means. L. S. Harber. 2,380,172; July 10.
Conveying mechanism. H. A. Barnby and J. Hohl. 2,372,646; Apr. 3.
Conveying mechanism. R. C. Sneed and C. S. Jordan. 2,371,783; Mar. 20.
Conveying, Method of and apparatus for. R. M. Carrier. 2,374,663; May 1.
Conveying system. E. L. Wiegand. 2,375,057; May 1.
Cook-book holder. H. McCutchan. 2,386,131; Oct. 2.
Cooked foods, Preserving. H. F. Waters. 2,369,765; Feb. 20.
Cooker. S. Dawson. 2,372,362; Mar. 27.
Cooker, Pressure. H. P. Allen. 2,369,932; Feb. 20.
Cooker, Pressure. A. Vischer, Jr. 2,373,620; Apr. 10.
Cooker, Pressure. E. H. Wittenberg. 2,368,795; Feb. 6.
Cooker, Vacuum. R. W. Krout. 2,374,216; Apr. 24.
Cooking and heating apparatus. F. P. Meagher. 2,369,972; Feb. 20.
Cooking device. J. C. Sharp. 2,368,496; Jan. 30.
Cooking device. J. L. Shroyer and H. A. Michaelis. 2,367,626; Jan. 16.
Cooking unit, Electrical. J. W. Myers and S. J. Roesch. 2,387,461; Oct. 23.
Cooky cutter. L. Frank. 2,379,140; June 26.
Cooler: *See*—
Aviation oil cooler.
Material cooler.
Photoengraver's plate cooler.
Portable magazine type package cooler.
Water and like cooler.
Water and oil cooler.
Cooler. B. Essick. 2,380,586; July 31.
Cooler and sipper, Combined drink. S. R. Bogin and J. V. Delfino. 2,370,931; Mar. 6.
Cooler for aircraft, Oil. B. Burns. 2,387,057; Oct. 16.
Cooler for engines. A. G. F. Wallgren. 2,368,732; Feb. 6.
Cooler for oil in journal reservoirs. S. Holm and J. Vickland. 2,372,896; Apr. 3.

Cooler or evaporator. J. R. Zwickl. 2,384,413; Sept. 4.
Cooling and dehydrating apparatus. H. J. Kaufman. 2,390,104; Dec. 4.
Cooling and heating liquids. L. Beer, H. Berg, and W. Gruber. 2,387,557; Oct. 23.
Cooling apparatus, Gun. J. R. Stephenson. 2,388,807; Nov. 13.
Cooling arrangement for gas turbines. S. R. Puffer. 2,388,997; Nov. 13.
Cooling arrangement for internal-combustion engines. W. Seyerle. 2,381,007; Aug. 7.
Cooling arrangement, Gas turbine. S. R. Puffer and R. H. Norris. 2,388,998; Nov. 13.
Cooling bed. C. W. Hawthorne. 2,367,021; Jan. 9.
Cooling device. J. De N. Berryman. 2,370,390; Feb. 27.
Cooling device for metal rectifiers. C. A. Clarke. 2,380,026; July 10.
Cooling element. J. H. McCue. 2,378,645; June 19.
Cooling fins to tubular members, Forming and applying. W. B. Bronander. 2,379,879; July 10.
Cooling fluids on boats or the like. W. B. Jutte. 2,386,803; Oct. 16.
Cooling hydraulic coupling brakes, Method and apparatus for. J. B. Black and W. F. Shurts. 2,388,112; Oct. 30.
Cooling material. J. E. Kennedy. 2,377,943; June 12.
Cooling means for abrasive cutters. A. B. Eastwood. 2,378,070; June 12.
Cooling means for dynamoelectric machines. C. J. Fechheimer 2,381,122; Aug. 7.
Cooling means for electrode tips. T. A. Wilson. 2,388,587; Nov. 6.
Cooling system. C. L. Daun. 2,367,340; Jan. 16.
Cooling system. N. Herzmark. 2,382,717; Aug. 14.
Cooling system. C. D. Marshall and C. O. Buttrill. 2,389,106; Nov. 13.
Cooling system and thermostatically controlled by-pass valve. J. Nicholas. 2,377,028; May 29.
Cooling system for fuel injection nozzles. A. T. Bremser. 2,381,804; Aug. 7.
Cooling system for induction furnaces. M. and M. Tama. 2,389,218; Nov. 20.
Cooling system for vacuum tubes. W. C. Rudd. 2,383,620; Aug. 28.
Cooling the air in underground mine workings and like places. W. R. F. Lunt. 2,386,560; Oct. 9.
Cooling unit, Evaporative. J. H. Dishner. 2,384,016; Sept. 4.
Cooling units, Construction of. L. Weiss. Re. 22,607; Feb. 20.
Coordinate measuring stage. G. E. Guellich and A. A. Gradisar. 2,387,440; Oct. 23.
Copolymer, Plasticized butadiene-acrylonitrile. J. G. Lichty. 2,385,290; Sept. 18.
Copolymerization. C. A. Kraus. 2,387,517; Oct. 23.
Co-polymerization products and making same. R. R. Dreisbach. 2,385,695; Sept. 25.
Copolymers. A. M. Clifford. 2,387,385; Oct. 23.
Copolymers and making, Rubberlike. B. O. Blackburn. 2,391,817; Dec. 25.
Copolymers of acrylic nitriles with lesser amounts of conjugated dienes. W. L. Semon. 2,374,841; May 1.
Copolymers of butadiene-1,3 hydrocarbons and other organic compounds. W. L. Semon. 2,384,572; Sept. 11.
Copolymers of conjugated diene hydrocarbons and alpha-methylene nitriles, Vulcanization of. D. E. Sauser. 2,374,385; Apr. 24.
Copolymers of dienes and olefinic dicarboxylic acid esters. W. L. Semon. 2,384,569; Sept. 11.
Copolymers of diolefins and unsaturated ketones, Production of rubberlike. R. R. Dreisbach. 2,383,782; Aug. 28.
Copolymers of isoolefins and diisobutenyl ring compounds. A. H. Gleason and W. J. Sparks. 2,368,538; Jan. 30.
Copolymers of vinylidene chloride and conjugated diene hydrocarbons. H. Tucker. 2,376,208; May 15.
Copolymers, Plasticizing. H. H. Thompson. 2,391,281; Dec. 18.
Copolymers, Vulcanization of olefin-diolefin. S. Breck. 2,386,427; Oct. 9.
Copper acetylide precipitation, Prevention of. C. E. Morrell and M. W. Swaney. 2,384,329; Sept. 4.
Copper ammonium acetate extraction and purification method. A. W. Fleer. 2,383,784; Aug. 28.
Copper and baths for use therein, Depositing. J. E. Stareck and F. Passalacqua. 2,383,895; Aug. 28.
Copper arsenicals, Preparing. G. W. Pearce and A. W. Avens. 2,388,496; Nov. 6.
Copper article, Rubber covered. A. W. Meyer. 2,379,978; July 10.
Copper from copper-bearing solutions, Recovery of. C. H. Keller. 2,390,540; Dec. 11.
Copper from tin, Separation of. J. O. Hay. 2,367,022; Jan. 9.
Copper oxide rectifier. C. C. Hein and J. W. Stevenhagen. 2,389,363; Nov. 20.
Copper oxide rectifier for automobiles. C. C. Hein. 2,367,943; Jan. 23.
Copper pigment. S. B. Tuwiner and D. A. Dodge. 2,371,483; Mar. 13.
Copper sulphate from wash liquors, Recovery and reuse of. W. H. Furness. 2,370,157; Feb. 27.
Copper sweetening. H. E. Messmore and J. M. Mason. 2,378,092; June 12.
Copyfilms for lenticular sound tracks. C. J. Dippel, K. J. Keuning, H. J. Jules and R. L. H. Van Hoestenberghe. 2,380,585; July 31.
Copyholder. P. Kobler. 2,369,241; Feb. 13.
Copyholders for document photographing cameras. F. M. Pickett. 2,377,514; June 5.
Copying machine. K. Zwick. 2,371,941; Mar. 20.
Cord adjusting apparatus for Venetian blinds. W. W. Lewis. 2,378,145; June 12.
Cord and making same. R. F. Nickerson. 2,372,601; Mar. 27.
Cord assembly, Flatiron. E. K. Clark and J. R. Heilman. 2,367,996; Jan. 23.
Cord clamp. K. E. Rogers. 2,387,611; Oct. 23.
Cords, Manufacturing beaded. L. Z. Plebanek. 2,366,932; Jan. 9.
Core alternating current arc welder, Movable. E. F. Steinert. Re. 22,609; Feb. 27.
Core bit. E. B. Williams, Jr. 2,371,488; Mar. 13.
Core box. E. C. Kloss. 2,391,715; Dec. 25.
Core box. J. W. Lowther. 2,386,326; Oct. 9.
Core drilling apparatus, Pressure. J. C. Stokes. 2,381,845; Aug. 7.
Core drilling, Process and apparatus for pressure. G. A. Macready. 2,373,323; Apr. 10.
Core for plastic molding, Collapsible. C. H. Terry. 2,375,148; May 1.
Core for tubular castings. A. E. Troiel. 2,387,815; Oct. 30.
Core, Iron powder. K. Kaschke. 2,385,578; Sept. 25.
Core making process. G. Passelecq. 2,368,322; Jan. 30.
Core retriever. L. F. Smith. 2,379,757. July 3.
Core structure for casting hollow rolls or the like. E. A. Walcher. 2,374,904; May 1.
Core structure, Magnetic. L. Mauerer. 2,378,233; June 12.
Core structure, Magnetic. H. V. Putman. 2,387,943; Oct. 30.
Core structures for inductive apparatus. H. V. Putman and J. K. Hodnette. 2,382,172; Aug. 14.
Core taking apparatus. J. C. Stokes. 2,381,844; Aug. 7.
Cores for electrical induction apparatus, Producing. E. C. Mulcahy. 2,374,449; Apr. 24.
Cores, Forming electromagnetic. J. J. Vienneau. 2,387,099; Oct. 16.
Cores, Method of and apparatus for applying material to advancing. R. Gillis and W. Morsing. 2,389,725; Nov. 27.
Coring device. R. Benke. 2,372,875; Apr. 3.
Coring device, Side hole. J. C. Stokes. 2,386,514; Oct. 9.
Cork articles, Forming. F. B. Menger and L. E. Gaenzle. 2,371,060; Mar. 6.
Cork composition and products made therefrom. A. H. Warth and P. Grabus, Jr. 2,383,096; Aug. 21.
Cork-like products from polymers of ethylene, Obtaining. W. L. Alderson, Jr. 2,387,730; Oct. 30.
Cork substitute, Making. L. A. Riefenstahl. 2,381,774; Aug. 7.
Corn and stalk harvester. K. H. Burgin. 2,385,193; Sept. 18.
Corn cutter. C. E. Kerr. 2,386,955; Oct. 16.
Corn cutter and sled wagon. E. I. Fester. 2,390,245; Dec. 4.
Corn harvester. A. H. Houghton. 2,375,846; May 15.
Corn harvester husking roll. C. J. Scranton. 2,391,846; Dec. 25.
Corn picker lifting mechanism. J. B. Hayes and R. L. Dort. 2,382,480; Aug. 14.
Corn protein and preparing same, Modified whole. R. N. Monte and J. B. Gottfried. 2,384,388; Sept. 4.
Corn starch, Making modified. R. E. Daly, F. A. Frankenfield, and H. A. Schopmeyer. 2,373,016; Apr. 3.
Corner-block fastening. F. Hirsch. 2,371,329; Mar. 13.
Corner construction and finishing bead for walls. A. C. Markuson. 2,391,581; Dec. 25.
Corner unit. J. H. Norrid. 2,386,338; Oct. 9.
Cornice and bracket therefor. E. F. Rebholz. 2,375,247; May 8.
Cornice attachment for windows. C. Bosansky. 2,368,964; Feb. 6.
Correction in wave transmission, Distortion. W. R. Bennett. 2,379,211; June 26.
Correspondence portfolio. W. V. Bayley. 2,390,864; Dec. 11.
Corrosion by phosphorous, Preventing. J. S. Streicher. 2,384,502; Sept. 11.
Corrosion, Inhibition of. E. H. Keller. 2,388,155; Oct. 30.
Corrosion of ferrous metals by solutions of electrolytes, Preventing. C. K. Lawrence and R. F. Engle. 2,377,792; June 5.
Corrosion prevention. H. D. Rhodes and R. W. Watson. 2,382,818; Aug. 14.
Corrosion protection of metals. E. R. Barnum. 2,369,641; Feb. 20.
Corrosion protection of metals. E. R. Barnum and E. W. Zublin. 2,371,143; Mar. 13.
Corrosion protection of metals. E. W. Zublin, E. R. Barnum, and E. R. White. 2,371,207; Mar. 13.
Corrosion recorder. M. G. Fontana, G. W. Kidder, and P. B. Kraus. 2,374,088; Apr. 17.
Corrugated metal fastener. H. Mohr. 2,377,169; May 29.

Corrugated paperboard chick feeder. K. C. Ferguson. 2,367,491; Jan. 16.
Corselet. L. N. Alberts. 2,387,552; Oct. 23.
Corset. J. J. Kispert. 2,367,875–6; Jan. 23.
Corset. J. J. Kispert. 2,379,444; July 3.
Corset and combination garment. B. F. Hall. 2,381,953; Aug. 14.
Corset and the like. G. E. Hawes. 2,369,459; Feb. 13.
Corset stay mounting. L. Forget. 2,389,037; Nov. 13.
Corset-type garment. A. Roth. 2,380,266; July 10.
Corset, Uplift. J. J. Kispert. 2,379,445; July 3.
Corset, Ventilated. P. Amyot. 2,367,553; Jan. 16.
Cosmetic case. R. F. Berls. 2,367,992; Jan. 23.
Cosmetic container. C. R. Book. 2,367,457; Jan. 16.
Cosmetic container. C. R. Book. 2,385,680; Sept. 25.
Cosmetic container. L. Naidech. 2,375,027; May 1.
Cosmetic container. O. B. Sherman. 2,380,338; July 10.
Cosmetic holder. P. J. Jensen. 2,368,045; Jan. 23.
Cosmetic preparation. C. Weeks. 2,373,933; Apr. 17.
Cosmetic to the lips, Holding and applying. W. R. Gorman. 2,372,777; Apr. 3.
Cosmetic unit. M. de Botelho. 2,388,470; Nov. 6.
Cot, Baby bathing. A. M. N. Harper. 2,389,362; Nov. 20.
Cot fastener. D. H. Cox. 2,375,896; May 15.
Cot, Finger. J. A. Petrullo. 2,389,237; Nov. 20.
Cot, Surgical. J. S. M. Knox. 2,374,488; Apr. 24.
Cot, Wheel. T. Ericsson. 2,371,811; Mar. 20.
Cotter pin assembly. S. J. Strid. 2,373,983; Apr. 17.
Cotton carding mechanism. E. C. Gwaltney. 2,369,893; Feb. 20.
Cotton cleaner. P. L. Berry. 2,366,705; Jan. 9.
Cotton cleaner. L. L. McDaniel and F. E. Deems. 2,384,383; Sept. 4.
Cotton fibers, Treatment of. E. J. Cerny. 2,387,058; Oct. 16.
Cotton's patent and other straight bar knitting machines. W. G. Macdonald and W. A. Cooper. 2,381,072; Aug. 7.
Couch bed. J. F. Eppenstein. 2,370,851; Mar. 6.
Couch, Convertible. A. Roth. 2,377,374; June 5.
Couch roll arrangement for paper machines. L. Hornbostel. 2,369,674; Feb. 20.
Couch, Studio. W. W. Wilson. 2,375,716; May 8.
Coulter. A. Laitinen. 2,375,372; May 8.
Counter. J. R. Guenther. 2,375,413; May 8.
Counter. H. B. Vroom. 2,384,220; Sept. 4.
Counter and numbering head for press cylinders. O. C. Roesen. 2,375,174; May 1.
Counterbore. J. Lusa. 2,374,761; May 1.
Counter control, Revolution. A. B. Machado. 2,366,345; Jan. 2.
Counter for fluid meters, Predetermining. W. F. Berck. 2,383,702; Aug. 28.
Counter mechanism. H. N. Bliss. 2,372,650; Apr. 3.
Counter pasting machine. F. Ricks and C. M. Bagshaw. 2,370,917; Mar. 6.
Counter portion for shoes. E. A. Cohen. 2,391,445; Dec. 25.
Counter portions, Making. E. A. Cohen. 2,391,446; Dec. 25.
Counter, Resettable. S. Graydon, Jr., and H. N. Bliss. 2,382,708; Aug. 14.
Countersink device. J. M. Gwinn, Jr., and C. L. R. Smeltzer. 2,383,854; Aug. 28.
Countersinking drill. D. H. Freese. 2,372,719; Apr. 3.
Countersinking tool. M. F. Marini. 2,374,552; Apr. 24.
Counting and controlling mechanism. T. G. Turner. 2,372,460; Mar. 27.
Counting and printing mechanism. L. Scher. 2,378,250; June 12.
Counting apparatus. R. T. McGoldrick and L. B. Tuckerman. 2,378,422; June 19.
Counting apparatus, Vehicle. G. A. Culbertson. 2,382,140; Aug. 14.
Counting device. M. L. Nelson. 2,366,422; Jan. 2.
Counting device. E. G. Rice. 2,389,107; Nov. 13.
Counting device, Pick. A. Eddy. 2,384,901; Sept. 18.
Counting machine, Coin. A. R. Buchholz and W. A. Barganz. 2,378,828; June 19.
Counting mechanism. W. H. De Lancey. 2,390,239; Dec. 4.
Counting mechanism. P. H. Mefferd. 2,390,444; Dec. 4.
Coupler. E. P. Kinne and F. H. Kayler. 2,382,232; Aug. 14.
Coupler. E. P. Kinne and F. H. Kayler. 2,384,748; Sept. 11.
Coupler. C. E. Stringer. 2,366,295; Jan. 2.
Coupler, Car. E. P. Kinne and F. H. Kayler. 2,386,476; Oct. 9.
Coupler, Car. L. J. Manka. 2,377,257; May 29.
Coupler device. E. M. McElhinney. 2,384,185; Sept. 4.
Coupler, Lubricating. L. E. Fankhouser and E. H. Glotfelty. 2,390,930; Dec. 11.
Coupler, Pipe. E. D. Buchanan. 2,388,117; Oct. 30.
Coupler, Releasable. R. E. Baker and G. H. Kendall. 2,369,638; Feb. 20.
Coupler supporting and centering device. M. P. Blomberg and J. M. Smidl. 2,380,018; July 10.
Coupler, trailer. N. M. Norman and J. P. K. Fontaine. 2,372,976; Apr. 3.
Couplers, Acylated amino pyrazolone. H. D. Porter and A. Weissberger. 2,369,489; Feb. 13.
Couplers for photographic color development, Color. H. Verkinderen and N. Vankeirsbilck. 2,380,809; July 31.
Couplers having six-membered rings, Color. P. W. Vittum, K. P. Griffin, and A. Weissberger. 2,378,266; June 12.
Coupling: *See*—
- Angularly adjustable coupling.
- Ball self-locking releasable coupling.
- Detachable coupling.
- Fire hose coupling.
- Flexible coupling.
- Flexible hose coupling.
- Flexible pipe coupling.
- Fluid control coupling.
- Fluid coupling.
- Fluid handling coupling.
- Hinge self-sealing coupling.
- Hose coupling.
- Hydraulic coupling.
- Hydraulic shockless coupling.
- Mutual coupling.
- Pipe coupling.
- Pipe or tube coupling.
- Resilient shaft coupling.
- Rod coupling.
- Rotary shaft coupling.
- Self-aligning antivibration coupling.
- Self-sealing coupling.
- Shaft coupling.
- Snap ring lock coupling.
- Spring coupling.
- Swivel pipe coupling.
- Threadless conduit coupling.
- Toothed-gear coupling.
- Tube coupling.
- Universal coupling.
- Variable speed hydraulic coupling.
- Vehicle coupling.
- Venturi gas line coupling.

Coupling. W. L. Davis. 2,371,507; Mar. 13.
Coupling. A. Y. Dodge. 2,366,841; Jan. 9.
Coupling. G. E. Ehrling. 2,386,097; Oct. 2.
Coupling. A. G. Herreshoff and J. P. Butterfield. 2,381,745; Aug. 7.
Coupling. E. H. Piron. 2,378,099; June 12.
Coupling. A. T. Scheiwer. 2,377,812; June 5.
Coupling. J. Tjaarda and K. Knibbe. 2,387,195; Oct. 16.
Coupling. A. Venditty. 2,377,468; June 5.
Coupling. C. E. Wyrick. 2,370,602; Feb. 27.
Coupling and retaining means, Air pipe. W. Frank. 2,376,134; May 15.
Coupling assembly. L. Yager and J. W. Cummings. 2,385,596; Sept. 25.
Coupling device. A. A. Cadwallader. 2,375,728; May 8.
Coupling device. C. D. Hetzler. 2,378,297; June 12.
Coupling device. E. M. McElhinney. 2,386,053; Oct. 2.
Coupling device. W. W. Mower and W. F. Van Loenen. 2,376,803; May 22.
Coupling device. C. B. Watts, Jr. 2,368,694; Feb. 6.
Coupling device, Electromagnetically controlled. H. C. Freed. 2,370,027; Feb. 20.
Coupling device for camera attachments. H. Nagel. 2,372,223; Mar. 27.
Coupling device for typewriting calculating machines. H. E. Kämmel. 2,371,826; Mar. 20.
Coupling device, Key. R. L. Muller. 2,367,421; Jan. 16.
Coupling device, Ultra high frequency wave. R. Hardy and P. de Maertelaere. 2,383,857; Aug. 28.
Coupling equipment, Car. E. A. Larsson. 2,381,603; Aug. 7.
Coupling for artificial feet, Ankle. C. Dumelin. 2,368,917; Feb. 6.
Coupling for cooling conduits of high frequency apparatus M. R. Saslaw. 2,377,378; June 5.
Coupling for trucks and trailers. O. S. Field. 2,371,749; Mar. 20.
Coupling for trucks and trailers. R. A. Fontaine. 2,371,750; Mar. 20.
Coupling for tubing. J. R. Dorman. 2,366,444; Jan. 2.
Coupling means. G. W. Cook. 2,369,138; Feb. 13.
Coupling means. W. J. Spengler. 2,391,525; Dec. 25.
Coupling system for loading devices such as aerials. P. P. Gamet. 2,375,547; May 8.
Coupling trailers and bogies to prime movers. A. R. Nelson. 2,385,099; Sept. 18.
Coupling with check valve, Hose. P. M. Hardwick. 2,383,249; Aug. 21.
Couplings between resonators and electron streams. W. P. Mason. 2,379,818; July 3.
Coupon holder. S. Heilbrunn and A. F. Kaptuller. 2,382,877; Aug. 14.
Cover: *See*—
- Boat cover.
- Automobile cover.
- Cigarette package cover.
- Eyelet cover.
- Detachable port cover.
- Fitting insulating cover.
- Foot cover.
- Keyhole cover.
- Ironing board cover.
- Match book cover.
- Protective cover.
- Slip cover.
- Spinning roll cover.
- Univerisal chair and cushion cover.
- Utensil cover.

Cover and carrier, Suit. C. L. Threeton. 2,378,665; June 19.
Cover construction for containers. J. R. Richards and C. W. Evert. 2,387,184; Oct. 16.
Cover fastener. G. W. Pancoe. 2,385,461; Sept. 25.
Cover for gas ranges, Safety lockable. M. Applebaum. 2,390,234; Dec. 4.
Cover for paper containers. C. Barbieri. 2,383,760; Aug. 28.
Cover for safety razors, Protecting. E. S. Johnston. 2,372,280; Mar. 27.
Cover for the dials of instruments and the like. D. B. Browne and R. H. G. Painter. 2,379,861; July 10.
Cover for typewriter machines and the like, Folding. J. G. Cabrera. 2,390,987; Dec. 18.
Cover lock for pans. L. L. Marohl. 2,382,083; Aug. 14.
Cover retainer, Magnetic mold. S. Clausen and W. C. Broekhuysen. 2,369,648; Feb. 20.
Cover structure and assembly, Wheel. G. A. Lyon. 2,368,237; Jan. 30.

Cover structure, Wheel. G. A. Lyon. 2,368,239; Jan. 30.
Cover to protect bowling alleys, Heel. H. T. Nichols. 2,378,721; June 19.
Coverall. I. L. Freedman. 2,380,423; July 31.
Covering, Building. J. E. Black. 2,390,348; Dec. 4.
Covering elements, Making. G. Smolak. 2,391,805; Dec. 25.
Covering for aircraft surfaces and the like, Protective. W. H. Hunter. 2,391,241; Dec. 18.
Covering for worsted type spinning rolls. H. M. Bacon. 2,369,635; Feb. 20.
Covering machine, Batt. C. E. Webb. 2,390,340; Dec. 4.
Covering material for aircraft frame structures and the like and producing the same. A. Ryan. 2,384,771; Sept. 11.
Covering mechanism, Cylinder. W. O. Szogren. Re. 22,655; July 3.
Covering structure. D. H. Spitzli. 2,367,536; Jan. 16.
Covers on cores, Method of and apparatus for testing. C. J. Krogel. 2,368,763; Feb. 6.
Cowl fastener. O. J. Huelster. 2,372,496; Mar. 27.
Cowl for oil burning smoke screen devices. J. Tweeddale. 2,381,374; Aug. 7.
Crab meat and preserving, Preserved. H. F. Webb. 2,381,019; Aug. 7.
Cracking in re-forming of hydrocarbons, Inhibiting. R. E. Burk. 2,380,938; Aug. 7.
Cracking process, Catalytic. C. H. Kollenberg. 2,382,724; Aug. 14.
Cradle, Material handling. R. A. Brown. 2,375,747; May 15.
Craft of the hydroplane type. C. Hook. 2,387,907; Oct. 30.
Crane. R. R. Porter. 2,377,448; June 5.
Crane. S. Wilson. 2,375,337; May 8.
Crane, Adjustable and collapsible floating. R. C. Swaney. 2,378,254; June 12.
Crane, Automobile. J. Tanenbaum. 2,383,426; Aug. 21.
Crane boom suspension. G. Y. Anderson. 2,391,440; Dec. 25.
Crane, Bridge. E. W. Taylor. 2,366,574; Jan. 2.
Crane, Folding. R. G. Le Tourneau. 2,375,799; May 15.
Crane, Heavy-duty portable. O. R. Peterson 2,380,069; July 10.
Crane, Level luffing jib. I. Kay. 2,386,475; Oct. 9.
Crane, Loading and unloading. A. M. Deiters. 2,382,299; Aug. 14.
Crane, Luffing. G. T. Shoosmith. 2,368,891; Feb. 6.
Crane, Mobile. R. G. Le Tourneau. 2,375,800; May 15.
Crane, Portable. H. B. Hayes. 2,370,661; Mar. 6.
Crane, Portable. L. L. Hercik. 2,382,054; Aug. 14.
Crane, Portable. H. A. and G. H. Wagner. 2,383,172; Aug. 21.
Crane, Revolving. N. M. Erdahl. 2,381,731; Aug. 7.
Crane, Soaking-pit. R. J. Harry. 2,388,408; Nov. 6.
Crane, Tractor. R. C. Hamilton. 2,378,008; June 12.
Crank actuating mechanism, Nondead centering. A. J. Middler. 2,384,950; Sept. 18.
Crank assembly. J. S. Sharpe. 2,378,507; June 19.
Crankcase air-pressure control means. W. G. Winkels and T. W. Ashcroft. 2,375,718; May 8.
Crankcase construction, Engine. W. E. Brill. 2,371,797; Mar. 20.
Crankcase flusher. F. E. Wilson. 2,385,393; Sept. 25.
Crankcases, Making. T. L. Fawick. 2,382,303; Aug. 14.
Crank for bicycles, Folding. F. W. Schwinn. 2,384,139; Sept. 4.
Crank grinding machine. H. A. Silven. 2,375,737; May 2.
Crank press. R. G. Le Tourneau. 2,366,272; Jan. 2.
Crankshaft. J. Dusevoir. 2,380,099; July 10.
Crankshaft. D. K. Warner. 2,377,833; June 5.
Crankshaft. J. Wawzonek and E. St. Pierre. 2,374,907; May 1.
Crankshaft and connecting rod assembly, Ball-bearing. C. E. Ashton. 2,374,720; May 1.
Crankshaft, Electric welded. F. A. Carstens. 2,378,686; June 19.
Crankshaft for internal-combustion engines. O. Specht. 2,378,592; June 19.
Crankshafts, Transmission gearing for. S. W. Thompson. 2,390,229; Dec. 4.
Crate. A. L. Kiff. 2,378,224; June 12.
Crate. J. H. Woodberry and G. B. Russell. 2,371,663; Mar. 20.
Crate and trailer, Combination shipping. E. M. Zubatsky. 2,369,384; Feb. 13.
Crate, Collapsible. C. H. Roumillat. 2,378,505; June 19.
Crate, Folding metal chicken. J. F. Lease. 2,373,481; Apr. 10.
Crate head maker. G. C. Paxton and G. E. Stilwell. 2,378,948; June 26.
Crawler drive mechanism. W. M. Huston and C. E. Jones. 2,387,268; Oct. 23.
Crayon, Marking. F. A. Sturn. 2,380,126; July 10.
Cream cheese manufacture. O. J. Link. 2,387,276; Oct. 23.
Cream expender, Automatic. E. W. Daly. 2,373,171; Apr. 10.
Cream separating device for milk containers. V. E. Steen. 2,369,322; Feb. 13.
Creasing and folding machine, Box. A. W. Werner. 2,379,127; June 26.
Creel, Spinning frame. L. M. Cotchett. 2,391,295; Dec. 18.
Creosote, Cleaning. V. F. Hribar. 2,367,024; Jan. 9.
Crib. C. E. Webb. 2,368,185; Jan. 30.
Crib. C. E. Webb. 2,380,812; July 31.
Crib and bassinet, Combined baby. D. C. Lanese. 2,381,759; Aug 7.
Crib, Child's. W. L. Lundin. 2,369,834; Feb. 20.
Crib, Collapsible. G. H. Logan and J. K. Hiss. 2,378,231; June 12.
Crib, Drop-side. H. F. Shaw. 2,383,167; Aug. 21.
Cribbage board. R. S. Calkins. 2,366,488; Jan. 2.
Cribbing. O. S. Flath. 2,378,295; June 12.
Crimping tool. J. B. Dennis. 2,382,401; Aug. 14.
Crop header, Row. C. M. Flook 2,380,161; July 10.
Crop implement, Orchard cover. C. Marek. 2,370,981; Mar. 6.
Cross-feed mechanism for grinding machines. R. S. Pyne and E. Allen. 2,370,580; Feb. 27.
Cross-linked polyesters and electrical conductors containing them. C. S. Fuller. 2,388,319; Nov. 6.
Cross-stitches, Making spaced. M. Langa. 2,369,470; Feb. 13.
Crotch construction for garments. V. A. Faegre. 2,375,543; May 8.
Crown cap spotting apparatus. P. E. Pearson. 2,391,340; Dec. 18.
Crown capped container. W. F. Punte. 2,391,346; Dec. 18.
Crude oil burner. A. Dekker. 2,367,460; Jan. 16.
Crusher. J. T. Fowler. 2,381,661; Aug. 7.
Crusher, can. R. F. Shinn. 2,373,057; Apr. 3.
Crusher plate support. G. E. Krider. 2,375,370; May 8.
Crusher, Rock. A. R. Ebersol. 2,380,419; July 31.
Crutch. D. B. Gish. 2,383,786; Aug. 28.
Crutch. H. J. Lawrence. 2,391,717; Dec. 25.
Crutch. G. E. Osborn. 2,373,045; Apr. 3.
Crutch. H. A. Tracy. 2,388,374; Nov. 6.
Crutch. J. D. Wheeler. 2,388,778; Nov. 13.
Crutch for surgical tables. H. J. Lawrence. 2,366,972; Jan. 9.
Crutch tip. T. E. and M. G. P. Jones. 2,376,776; May 22.
Cryptographic equipment. A. H. Buckley. 2,377,205; May 29.
Cryptographic machine. B. Tann. 2,389,093; Nov. 13.
Crystal. W. E. Kuenstler. 2,383,262; Aug. 21.
Crystal. W. E. Kuenstler. 2,384,756; Sept. 11.
Crystal. W. E. Kuenstler. 2,386,692; Oct. 9.
Crystal crop comprising mainly sodium bicarbonate and potassium pentaborate octohydrate, Producing a mixed. F. H. May. 2,374,877; May 1.
Crystal grinding device. A. Spina. 2,372,688; Apr. 3.
Crystal holder. W. E. Kuenstler. 2,384,757; Sept. 11.
Crystal inspection device. J. R. Prall. 2,391,344; Dec. 18.
Crystal mounting. R. J. Watrobski. 2,385,666; Sept. 25.
Crystal oscillator and mounting. K. G. MacLean. 2,370,979; Mar. 6.
Crystal oscillator circuit. R. L. Downey. 2,369,954; Feb. 20.
Crystal, Piezoelectric. A. E. Swickard. 2,386,916; Oct. 16.
Crystalline dextrose, Production of. A. T. Harding. 2,369,231; Feb. 13.
Crystalline products, Manufacture of purified. A. Fleischer. 2,378,296; June 12.
Crystallizing apparatus. H. H. Feldstein. 2,379,895; July 10.
Crystals, Finishing piezoelectric. H. F. Fruth. 2,387,137; Oct. 16.
Cuff for shirts, blouses or the like, Detachable. N. G. Engholm. 2,367,343; Jan. 16.
Cuff, Picker's. W. C. French. 2,377,623; June 5.
Cultivator. O. F. Davis. 2,374,424; Apr. 24.
Cultivator. J. Evans. 2,389,422; Nov. 20.
Cultivator. W. H. Silver. 2,385,950; Oct. 2.
Cultivator and planting attachment therefor. T. W. Johnson. 2,375,850; May 15.
Cultivator attachment. W. O. Hancock. 2,368,136; Jan. 30.
Cultivator attachment. W. C. Speck. 2,371,718; Mar. 20.
Cultivator attachment for tractors. W. G. Luger. 2,368,312; Jan. 30.
Cultivator, Hand. R. E. Sievert. 2,382,030; Aug. 14.
Cultivator mounting and control unit, Rotary. D. H. Clark. 2,366,386; Jan. 2.
Cultivator, Tractor. G. W. Swanson. 2,372,403; Mar. 27.
Cultivator unit, Rotary. D. H. Clark. 2,370,777; Mar. 6.
Cultivators, and other implements, Tractor for garden. F. V. Donald. 2,368,290; Jan. 30.
Cup, Canteen. J. A. Wynn. 2,386,284; Oct. 9.
Cup dispenser. W. E. Amberg. 2,369,933; Feb. 20.
Cup-dispensing mechanism. W. W. Bowman. 2,374,168; Apr. 24.
Cup finishing apparatus. W. H. Emerson. 2,374,339; Apr. 24.
Cup-separating and dispensing machine. F. Franz. 2,385,267; Sept. 18.
Cup, Vacuum bottle. H. A. Ross. 2,373,917; Apr. 17.
Cups, Multiple type vacuum. H. V. Farmer. 2,385,977; Oct. 2.

Cupric chloride, Manufacture of. C. F. Swinehart and J. O. Hay. 2,367,153; Jan. 9.
Curler, Eyelash. W. R. Tuttle and W. J. Beldue. 2,391,047; Dec. 18.
Curler, Hair. M. F. Basky. 2,387,822; Oct. 30.
Curler, Hair. E. Bergen. 2,379,272; June 26.
Curler, Hair. L. Eisenman. 2,367,854; Jan. 23.
Curler, Hair. H. H. Klein. 2,379,807; July 3.
Curler, Hair. W. H. Maxwell. 2,370,910; Mar. 6.
Curler, Hair. W. H. Maxwell. 2,388,791–2; Nov. 13.
Curler, Hair. D. Ostrander. 2,369,752; Feb. 20.
Curler, Hair. J. B. Panushka and L. A. Wheeler. 2,388,797; Nov. 13.
Curler, Hair. A. Reiter. 2,380,674; July 31.
Curler, Hair. N. Stone. 2,378,872; June 19.
Curler, Hair. F. F. Weiss. 2,391,284; Dec. 18.
Curler, Hair. M. L. Wormington. 2,388,628; Nov. 6.
Currency dispenser. N. Eastman. 2,369,955; Feb. 20.
Current collector. G. A. Mead. 2,369,837; Feb. 20.
Current control apparatus, Alternating. A. U. Welch, Jr. 2,376,215; May 15.
Current limiter. R. R. Goodrich. 2,384,087; Sept. 4.
Current motor. C. H. Merritt. 2,379,314; June 26.
Current of precisely controlled frequency, Method and apparatus for producing alternating. G. F. Drake. 2,376,421; May 22.
Current rectifier of the selenium type, Alternating. L. E. Thompson and A. Jenkins. 2,378,513; June 19.
Current rectifiers of the selenium type, Manufacture of alternating. L. E. Thompson and A. Jenkins. 2,389,008; Nov. 13.
Current regulating means, Alternating. C. J. Holslag. 2,387,327; Oct. 23.
Current saturated inductance, Polyphase direct. B. Nordfelt. 2,372,112; Mar. 20.
Currents for nonsignaling purposes, Generating. C. W. Hansell. 2,381,496; Aug. 7.
Curtain and drapery rod. J. Castagna. 2,385,608; Sept. 25.
Curtain bracket. W. Hilton. 2,386,854; Oct. 16.
Curtain, drape, and shade holder, Combination. A. Barbee. 2,374,165; Apr. 24.
Curtain fixture. I. Lundstrom. 2,374,605; Apr. 24.
Curtain hanger. J. D. Praggastis. 2,389,546; Nov. 20.
Curtain or drape fixture. F. S. Keahey. 2,386,691; Oct. 9.
Curtain rod. O. Bastiansen. 2,374,575; Apr. 24.
Curtain, shade and drapery fixture, Combination. C. M. Edgington. 2,371,232; Mar. 13.
Curtain suspending means. S. G. Isserstedt. 2,388,061; Oct. 30.
Curtain, Two-way lace. L. Fischel. 2,371,039; Mar. 6.
Cushion. A. A. Adams. 2,371,276; Mar. 13.
Cushion. W. B. Lashar and R. F. Warren, Jr. 2,385,870; Oct. 2.
Cushion. P. Weeber. 2,371,788; Mar. 20.
Cushion for conduit and wire supporting clips. A. Robertson. 2,387,295; Oct. 23.
Cushion, Needle. F. C. Mahon. 2,372,442; Mar. 27.
Cushion seat. D. C. Varma. 2,384,713; Sept. 11.
Cushion structure. C. E. Lenz. 2,368,930; Feb. 6.
Cushioning device for radiation detectors. G. Herzog. 2,385,857; Oct. 2.
Cusp for dentures, Cutting. G. A. Wiechert. 2,375,509; May 8.
Cut-off machine, Abrasive. W. A. Phillis. 2,388,434; Nov. 6.
Cutoff tool. G. A. Cole. 2,391,133; Dec. 18.
Cutoff toolholder. R. E. Kilgore. 2,390,653; Dec. 11.
Cutoff valve. W. C. Buttner. 2,380,576; July 31.
Cutoff valve. C. A. Nelson. 2,375,810; May 15.
Cut out, Animal trophy. J. Katz and A. Alfano. 2,382,231; Aug. 14.
Cutout. A. G. Steinmayer. 2,390,670; Dec. 11.
Cut-out for electric lamps. I. H. Van Horn. 2,367,905; Jan. 23.
Cut seamed articles, Manufacturing. F. S. Martin. 2,379,311; June 26.
Cutter: *See*—
- Cable and structural shape cutter.
- Cable armor cutter.
- Cooky cutter.
- Corn cutter.
- Double-acting glass cutter.
- Doughnut cutter.
- Emergency cable cutter.
- Fly cutter.
- Gasket cutter.
- Gear cutter.
- Hand-operated tube cutter.
- Inserted tooth milling cutter.
- Milling cutter.
- Multiple thread milling cutter.
- Package cutter.
- Pipe cutter.
- Rivet cutter.
- Sheet cutter.
- Shingle cutter.
- Side milling cutter.
- Siding cutter.
- Staple fiber cutter.
- Surgical cast cutter.
- Thread cutter.
- Type slug end cutter.
- Vegetable cutter.
- Waste cutter.
- Wire cutter.

Cutter. C. E. Kraus. 2,367,221; Jan. 16.
Cutter. H. J. Monroe. 2,367,841; Jan. 23.
Cutter. L. A. Smith. 2,382,113; Aug. 14.
Cutter. E. A. Ulliman. 2,370,273; Feb. 27.
Cutter and crimper, Dough. H. Gamache. 2,369,452 Feb. 13.
Cutter and crimper for ravioli and pastries. H. Gamache. 2,373,182; Apr. 10.
Cutter and device for forming curved slots under lips of continental type heels. J. M. Fuller. 2,377,931; June 12.
Cutter and silo filler, Feed. N. R. Krause and C. W. Hansen. 2,385,451; Sept. 25.
Cutter assembly for can openers. W. J. Landry. 2,383,929; Aug. 28.
Cutter attachment for lathes, Radius. B. S. Scott. 2,386,984; Oct. 16.
Cutter chain. J. A. Hayward. 2,390,251; Dec. 4.
Cutter chain. W. T. McCullough. 2,374,364; Apr. 24.
Cutter chain. C. F. Osgood. 2,387,285; Oct. 28.
Cutter chain. E. Rupp. 2,389,936; Nov. 27.
Cutter chain. L. E. Simmons. 2,391,485; Dec. 25.
Cutter for and method of cutting gears. F. B. McMullen. 2,385,220; Sept. 18.
Cutter for containers. D. J. Coffey. 2,371,505; Mar. 13.
Cutter for looms, Thread. R. G. Turner. 2,389,471; Nov. 20.
Cutter for sewing machines, Safety thread. A. C. Silverman. 2,372,609; Mar. 27.
Cutter for sheet material, Hole. J. M. Abrams. 2,379,618; July 3.
Cutter for sprouts or tree suckers. T. L. Page. 2,376,002; May 15.
Cutter for tying machines, Thread. E. Cummins. 2,382,210; Aug. 14.
Cutterhead. J. Fiedler. 2,379,347; June 26.
Cutter head for hydraulic dredges. G. R. Waldeck. 2,370,430; Feb. 27.
Cutter mounting. R. R. Weddell. 2,371,089; Mar. 6.
Cutter shifting apparatus for cloth shears. G. E. Marble. 2,389,800; Nov. 27.
Cutter structure, Rotary. C. Haumiller. 2,373,472; Apr. 10.
Cutter testing device. O. A. Johnson. 2,372,279; Mar. 27.
Cutter unit and assembly, Milling. W. A. Henkle. 2,390,254; Dec. 4.
Cutter unit, Demountable. W. Owen. 2,377,099; May 29.
Cutting and beveling machine. J. T. Stone. 2,377,844; June 5.
Cutting and counting machine. G. J. Kennedy. 2,389,783; Nov. 27.
Cutting and spacing device. F. F. Pease. 2,367,310; Jan. 16.
Cutting apparatus. B. M. Jansen, and F. L. Kitley. 2,372,784; Apr. 3.
Cutting attachment for beet harvesters, Leaf. H. V. Lea, L. W. Schmidt and G. P. du Bose. 2,380,701; July 31.
Cutting attachment for lathes and the like, Thread. A. Ross. 2,378,659; June 19.
Cutting device. O. L. Bright. 2,387,876; Oct. 30.
Cutting device. R. Pimentel. 2,380,898; July 31.
Cutting device. L. Sabo. 2,368,571; Jan. 30.
Cutting device for forming ornamented breast heel flaps. L. Sabo. 2,383,515; Aug. 28.
Cutting device, Portable hand-operated. J. J. Otto. 2,382,021; Aug. 14.
Cutting, grinding, or polishing machine for diamonds and other stones and the like. F. C. Jearum. 2,384,253; Sept. 4.
Cutting implement. N. Alpert. 2,387,633; Oct. 23.
Cutting implement. C. E. Peterson. 2,382,440; Aug. 14.
Cutting instrument. R. E. Seitz. 2,379,108; June 26.
Cutting implement. W. M. Stockman. 2,373,203; Apr. 10.
Cutting machine. C. M. Asbill, Jr., and G. B. Hill. 2,370,129; Feb. 27.
Cutting machine. G. O. Langenberg. 2,390,376; Dec. 4.
Cutting machine. J. R. Morris. 2,375,378; May 8.
Cutting machine. R. A. Mustered. 2,383,208; Aug. 21.
Cutting machine. C. A. Wiken and H. V. Boehnke. 2,372,699; Apr. 3.
Cutting machine, Cocoanut. L. Malicay. 2,373,584; Apr. 10.
Cutting machine, High speed rotary. A. B. MacNeill. 2,379,242; June 26.
Cutting machine, Meat. W. Lasar. 2,380,700; July 31.
Cutting machine, Tape. C. Olsson. 2,379,033; June 26.
Cutting machinery, Bias. J. Katz and F. P. Majoros. 2,382,997; Aug. 21.
Cutting mechanism, Wrapping paper. O. Sandberg. 2,372,020; Mar. 20.
Cutting off material abrasively. H. G. Robinson. 2,383,741; Aug. 28.
Cutting-off tool. A. B. Nesbitt and S. Webb. 2,382,020; Aug. 14.
Cutting or welding machine, Plate. J. L. Anderson. 2,389,585; Nov. 27.
Cutting recesses. O. Lawrenz. 2,389,201; Nov. 20.
Cutting quartz crystals and apparatus for preparing quartz crystals for cutting. B. E. Baker. 2,381,993; Aug. 14.
Cutting sheet metal, Press for. C. J. Rhodes. 2,371,315; Mar. 13.
Cutting tool. G. S. Chapman. 2,381,485; Aug. 7.
Cutting tool. E. L. Lawson and R. V. Stegman. 2,379,307; June 26.
Cutting tool. A. W. Rial. 2,371,708; Mar. 20.
Cutting weft thread ends projecting from the fabric, Method and device for. A. Moessinger. 2,389,809; Nov. 27.

Cyanamide reactions products, Production of. R. C. Swain and J. H. Paden. 2,371,480; Mar. 13.
Cyanide, Producing sodium. D. B. Pall. 2,387,287; Oct. 23.
Cyanides by double decomposition, Preparation of alkaline earth metal. L. J. Christmann and A. G. Houpt. 2,386,436; Oct. 9.
Cyanides, Making alkali metal. W. H. Hill. 2,381,285; Aug. 7.
Cyanides, Producing alkaline earth metal. L. J. Christmann and A. G. Houpt. 2,386,435; Oct. 9.
Cyanoaldehydes and their preparation, Unsaturated. H. A. Bruson and T. W. Riener. 2,370,006; Feb. 20.
Cyanoethyl cellulose, Preparation of. R. C. Houtz. 2,375,847; May 15.
Cyanoethylation of ketones. H. A. Bruson. 2,386,736; Oct. 9.
Cyanohydrins, Acetylation of. H. Z. Lecher and J. K. Dixon. 2,383,137; Aug. 21.
Cyanometadioxanes. E. Arundale. 2,384,268; Sept. 4.
Cyanomethyl cinnamates. D. T. Mowry. 2,380,063; July 10.
Cyanomethyl crotonates. D. T. Mowry. 2,380,062; July 10.
Cyanomethyl esters of dicarboxylic acids. D. T. Mowry. 2,380,061; July 10.
Cycle, Coaster. J. W. McCormack. 2,370,477; Feb. 27.
Cycle controlled switching device. C. G. Roper. 2,370,686; Mar. 6.
Cycle, Endless crawler tread. A. Landy. 2,373,316; Apr. 10.
Cycle lock. D. Lippow. 2,366,863; Jan. 9.
Cycle timer, Variable. R. H. Long. 2,382,078; Aug. 14.
Cyclic diamine, Basic acylated. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,369,817; Feb. 20.
Cyclic ketones, Production of. C. R. Wagner. 2,386,372; Oct. 9.
Cyclic organosilicon compounds. W. I. Patnode and R. W. Schiessler. 2,381,002; Aug. 7.
Cyclic process for producing alkali metal ferrocyanides. H. A. Gollmar and H. J. Meredith. 2,378,403; June 19.
Cyclic system for the manufacture of cuproammonium rayon and for the recovery of chemicals. W. H. Furness. 2,370,156; Feb. 27.
Cyclohexane from petroleum, Production of. D. L. Fuller and B. S. Greensfelder. 2,373,673; Apr. 17.
Cyclohexane, Preparation of. M. D. Peterson. 2,373,501; Apr. 10.
Cyclohexene production. H. H. Voge. 2,385,555; Sept. 25.
Cyclohexenyl alkylamines. G. E. Ullyot. 2,367,546; Jan. 16.
Cyclone separator. J. F. Vogt. 2,385,745; Sept. 25.
Cycloparaffin production. W. E. Ross and P. Pezzaglia. 2,382,445–6; Aug. 14.
Cycloparaffin production. W. E. Ross and P. Pezzaglia. 2,385,543; Sept. 25.
Cyclopentanone, Preparation of. J. H. Boyd, Jr. 2,371,794; Mar. 20.
Cyclopentanone, Production of. F. E. Frey. 2,377,412; June 5.
Cyclopentenone derivatives, Manufacturing. H. Hunsdiecker. 2,387,587; Oct. 23.
Cylinder. E. G. Jordan. 2,384,309; Sept. 4.
Cylinder adjusting device. L. A. Paradise and A. W. Oehler. 2,376,618; May 22.
Cylinder, Brake. S. G. Down. 2,383,241; Aug. 21.
Cylinder, Compressed gas. H. H. Needham. 2,374,771; May 1.
Cylinder construction. C. E. Sorensen and C. W. Van Ranst. 2,378,045; June 12.
Cylinder, Cradle operating. D. Wertman and F. Warlick. 2,382,457; Aug. 14.
Cylinder for internal-combustion engines. H. Steiner. 2,383,626; Aug. 28.
Cylinder for printing presses. R. P. Willard. 2,375,603; May 8.
Cylinder, Garnett. W. F. Bokum. 2,388,631; Nov. 6.
Cylinder head of internal-combustion engines. F. M. Aspin. 2,387,972; Oct. 30.
Cylinder heads and blocks, Repairing cracked. E. B. Sherman. 2,369,415; Feb. 13.
Cylinder heads, Forging. C. A. Brauchler. 2,390,867; Dec. 11.
Cylinder liner and cylinder. F. M. Aspin and F. Ellinghouse. 2,387,971; Oct. 30.
Cylinder lock. J. C. Bartho. 2,370,708; Mar. 6.
Cylinder lock. H. W. Brooks. 2,378,976; June 26.
Cylinder lock. T. H. Johnstone. 2,391,834; Dec. 25.
Cylinder lock. P. W. Olson. 2,375,682; May 8.
Cylinder lock. A. Suter. 2,390,471; Dec. 4.
Cylinder, Master. J. G. Hawley. 2,373,679; Apr. 17.
Cylinder, Master. R. D. Lacoe, Jr. 2,377,017; May 29.
Cylinder, piston and crankshaft arrangement. W. M. Allison. 2,382,280; Aug. 14.
Cylinder, Removable core. T. H. Johnstone. 2,370,862; Mar. 6.
Cylinder, Removeable core. T. H. Johnstone. 2,391,832–3; Dec. 25.
Cylinders, Dynamically balancing. R. B. Jenkins. 2,386,470; Oct. 9.
Cylinders, Improving the stress distribution in multilayer high pressure. T. M. Jasper. 2,372,723; Apr. 3.
Cylindrical container. W. A. Ringler. 2,372,740; Apr. 3.
Cylindrical container and the like. W. A. Ringler. 2,389,457; Nov. 20.
Cymbal-beating toy. E. Nudelman. 2,376,614; May 22.
Cysteine and gluthathione, Preparation of. L. Rapkine. 2,376,186; May 15.
D-psicose, Manufacture of. L. Sattler. 2,377,653; June 5.
Dagger stop. A. Maurer. 2,391,726; Dec. 25.
Dam structure, Concrete. H. Sorensen. 2,375,143; May 1.
Dampening mechanism for printing presses. G. A. Iler. 2,389,730; Nov. 27.
Dampener, Pulsation. S. Kahn. 2,370,965; Mar. 6.
Damper and shutter for regulating the passage of a medium. D. Dalin. 2,391,010; Dec. 18.
Damper construction. S. H. Chapman and A. F. Schultz. 2,373,166; Apr. 10.
Damper construction. W. S. Smith. 2,390,227; Dec. 4.
Damper control, Stoker. H. E. Malone. 2,385,822; Oct. 2.
Damper for flexional vibrations. G. A. Rubissow. 2,370,880; Mar. 6.
Damper for open fire places, Chimney. A. S. Greth. 2,384,249; Sept. 4.
Damper for suspended wires and cables, Vibration. F. E. Leib and H. R. Wilbur. 2,374,823; May 1.
Damper for the torsional vibrations of coaxially revolving shafts, Universal. R. Matteucci. 2,369,679; Feb. 20.
Damper, Vibration. G. A. Rubissow. 2,379,255; June 26.
Damper, Vibration. W. F. Bankauf. 2,380,013; July 10.
Damper, Vibration. F. R. McFarland. 2,380,770; July 31.
Damper, Vibration. F. R. McFarland. 2,383,400; Aug. 21.
Damping device. B. Cooper. 2,368,002; Jan. 23.
Damping device, Wave. W. G. Billé. 2,382,393; Aug. 14.
Damping suspension, Vibration. H. J. Seidel and A. Weiler. 2,369,077; Feb. 6.
Damping swiveling oscillations in caster wheels. A. E. J. Bishop. 2,367,993; Jan. 23.
Darning machine. J. and L. T. J. Page. 2,385,936; Oct. 2.
Data file, Comparative. R. J. L. Lee. 2,368,226; Jan. 30.
Data storing device and data selecting means therefor. W. Leathers and H. Panissidi. 2,385,007; Sept. 18.
Date finder unit. E. L. Turnbaugh. 2,382,754; Aug. 14.
Dater, Play. W. P. Sheram. 2,368,167; Jan. 30.
Davenport, Convertible. M. K. Cooper. 2,367,266; Jan. 16.
Davit for lifeboats, Tipping gravity. A. Pampinella. 2,385,841; Oct. 2.
Davit, Lifeboat. F. C. Simonds. 2,366,812; Jan. 9.
Daylight floating smoke signal. R. C. Hitt. 2,366,261; Jan. 2.
Dead centerless crank gear. G. Marquet. 2,391,725; Dec. 25.
Deaerating feed-water heater. J. F. Sebald. 2,388,344; Nov. 6.
Deburring machine. R. M. Schmitz. 2,377,108; May 29.
Deburring machine. H. Schulz. 2,385,474; Sept. 25.
Decalcomania. A. Bihr. 2,374,323; Apr. 24.
Decapper, Egg. H. O. Koch. 2,391,169; Dec. 18.
Decarbonization of water. J. D. Walker. 2,366,945; Jan. 9.
Decelerating means. T. H. Sarchet. 2,375,443; May 8.
Decelerator. E. Olson. 2,386,340; Oct. 9.
Decelerator. E. Olson, B. Beard, and S. M. Udale. 2,378,319; June 12.
Decelerometer, Electric. P. L. Crittenden. 2,381,211; Aug. 7.
Deck. E. M. Wichert. 2,375,454; May 8.
Deck. E. M. Wichert. 2,376,989; May 29.
Deck, Portable. G. G. Greulich. 2,369,733; Feb. 20.
Deck tread, Nonsparking. F. M. McGeary and T. A. Werkenthin. 2,373,698; Apr. 17.
Decking and the like, Bridge. J. R. Wilks. 2,382,761; Aug. 14.
Decoding relay system. F. X. Rees. 2,390,666; Dec. 11.
Decoding system. M. H. Loughridge. 2,387,850; Oct. 30.
Decorated material, Producing. E. C. V. Oldofredi. 2,370,186; Feb. 27.
Decorating machine, Dinnerware. G. B. Guthrie. 2,367,722; Jan. 23.
Decorating machine. J. H. Keller and C. E. Fahnert. 2,372,089; Mar. 20.
Decorating machine. P. Wensel, H. L. Whisner, and R. H. Rugh. 2,383,947; Sept. 4.
Decoration of surfaces with luminiscent materials. T. S. Reese. 2,375,177; May 1.
Decorative article and making same. A. Rosenthal. 2,377,042; May 29.
Decorative effects in polystyrene moldings. R. R. Bradshaw. 2,383,765; Aug. 28.
Decorative material and applying the same. J. Rosenfeld. 2,371,318; Mar. 13.
Decorative product and producing the same. J. W. Kemmler and E. R. Erb, Jr. 2,374,940; May 1.
Decorative surfaces, Manufacture of. H. E. Walter. 2,369,092; Feb. 6.
Decorticating. C. J. Delegard and R. Kreutz. 2,383,778; Aug. 28.
Decorticating apparatus for grain. E. Moresco. 2,386,493; Oct. 9.
Decorticating machine, Green. J. M. Dempsey. 2,375,287; May 8.

Decoupling unit. J. E. Keister. 2,368,474; Jan. 30.
Deep well pump. D. Johnston. 2,384,173; Sept. 4.
Deep well pump. C. S. Nation. 2,370,413; Feb .27.
Deep well pump. G. F. Wislicenus. 2,387,377; Oct. 23.
Defeathering fowls, Method and apparatus for. S. S. Barker. 2,389,404; Nov. 20.
Deflector for bottle fillers, Condensate. A. J. Lippold. 2,389,672; Nov. 27.
Deflector for electric fans, Air. I. M. Silverberg. 2,371,360; Mar. 13.
Deflector, Oil and grease. L. R. Fish and C. F. Wiegman. 2,377,770; June 5.
Deflector for shot holes, Spray. S. D. Rogers, P. J. Rudolph, and W. L. Crawford. 2,387,770; Oct. 30.
Defoliating. R. E. Torley. 2,368,274; Jan. 30.
Defoliating growing plants. R. E. Torley. 2,368,601; Jan. 30.
Defoliation of plants. R. E. Torley. 2,368,275; Jan. 30.
Defoliation, Plant. R. E. Torley. 2,368,276; Jan. 30.
Defroster and drier, Universal automotive vehicle windshield. L. V. Villani. 2,389,704; Nov. 27.
Defroster, Windshield. M. Mayer. 2,381,767; Aug. 7.
Defrosting device for goggles. B. Willner. 2,380,353; July 10.
Degasser for internal-combustion engines. M. Mallory. 2,390,603–4; Dec. 11.
Degreasing apparatus. J. G. Woppman, H. H. Hummel, and A. J. Newman. 2,366,949; Jan. 9.
Degreasing process. A. G. Aitchison and W. H. Petering. 2,371,645; Mar. 20.
Degreasing process. W. H. Petering and A. G. Aitchison. 2,371,644; Mar. 20.
Degreasing process. W. H. Petering and A. G. Aitchison. 2,371,646–7; Mar. 20.
Dehorning paste applicator. O. Gereke. 2,388,321; Nov. 6.
Dehumidification. W. H. Carrier. 2,386,292; Oct. 9.
Dehumidification agents, Use of. W. A. La Lande, Jr. 2,388,616; Nov. 6.
Dehydrater for automobile bodies, Rear window. G. Ray. 2,384,769; Sept. 11.
Dehydrating apparatus. B. F. Lundy. 2,386,052; Oct. 2.
Dehydrating method and apparatus. W. A. Patrick, Jr., and J. D. Elder. 2,390,167; Dec. 4.
Dehydrating organic solvents, petrols, oils, and the like. R. J. Browne. 2,378,281; June 12.
Dehydrating process. M. Shoeld. 2,376,095; May 15.
Dehydrating substances, Method of and apparatus for. J. J. Mojonnier. 2,387,458; Oct. 23.
Dehydrating tar. E. L. Hall and H. R. Batchelder. 2,366,899; Jan. 9.
Dehydrating wet oil, tar, and the like, Method and apparatus for. E. J. Burrough. 2,368,089; Jan. 30.
Dehydrator. G. A. Larson. 2,381,354; Aug. 7.
Dehydrator. J. O. Reed. 2,370,422; Feb. 27.
Dehydrating apparatus. W. J. Sholar. 2,380,555; July 31.
Dehydrating food concentrates. C. H. Eshbaugh, H. S. Mitchell, and L. S. Paddock. 2,385,068; Sept. 18.
Dehydrator. H. W. Woodward. 2,371,095; Mar. 6.
Dehydroaromatization, Multistage. E. T. Layng and D. E. Payne. 2,374,109; Apr. 17.
Dehydrogenation of hydrocarbons. V. N. Ipatieff and V. Haensel. 2,366,531; Jan. 2.
Dehydrogenation of hydrocarbons. W. A. Schulze, J. C. Hillyer and H. E. Drennan. 2,380,876; July 31.
Dehydrogenation process. R. N. Meinert. 2,387,524; Oct. 23.
Deicing liquids to airfoil surfaces, Feeding. C. C. S. Le Clair. 2,386,125; Oct. 2.
Deicing means. B. Vonnegut. 2,385,662; Sept. 25.
Delay element for fuses. R. L. Graumann and M. W. Fischer. 2,381,900; Aug. 14.
Delayed trigger circuit. S. Sensiper and G. B. Andrews. 2,373,145; Apr. 10.
Delivery apparatus, Liquid. F. Smith. 2,388,093; Oct. 30.
Delivery control apparatus, Oil. C. J. May. 2,366,925; Jan. 9.
Delivery mechanism, Sheet. F. R. Belluche. 2,381,430; Aug. 7.
Demodulator device for frequency and amplitude modulation. E. H. Lange. 2,383,323; Aug. 21.
Demodulator for frequency and amplitude modulation. E. H. Lange. 2,382,015; Aug. 14.
Demonstration apparatus. R. J. Hearon. 2,390,706; Dec. 11.
Demonstration device, particularly for insurance purposes. N. B. Frick. 2,382,007; Aug. 14.
Demonstrator, Color combination. G. Snyder. 2,374,389; Apr. 24.
Demothing product. F. Y. Chuck. 2,376,327; May 22.
Demountable tire tread. C. S. Ash. 2,369,768; Feb. 20.
Demulsifying and settling apparatus, Liquid. W. M. Mount. 2,388,796; Nov. 13.
Density control for classifiers, Automatic. C. Shapley, Jr. 2,376,825; May 22.
Dental engine accessory equipment. C. J. Henschel. 2,390,710; Dec. 11.
Dental equipment stand. R. C. Angell. 2,371,597; Mar. 20.
Dental equipment stand. R. C. Angell. 2,373,442; Apr. 10.
Dental X-ray film identifier. F. J. Stadler. 2,390,397; Dec. 4.
Dental floss. A. A. Stonehill. 2,381,142; Aug. 7.
Dental floss holder. J. P. Bell. 2,376,750; May 22.
Dental floss holder. A. L. Peterson. 2,375,686; May 8.
Dental floss holder. J. and H. Turenchalk. 2,384,712; Sept. 11.
Dental hand piece. R. Gallay. 2,367,719; Jan. 23.
Dental handpiece. N. Rayne. 2,368,324; Jan. 30.
Dental handpiece. J. Wahlberg. 2,376,294–5; May 15.
Dental hydrocolloid conditioning apparatus. M. J. Thompson. 2,379,504; July 3.
Dental impression band removing tool. W. W. Baade. 2,375,512; May 8.
Dental instrument. P. Brooks. 2,366,767; Jan. 9.
Dental liner. S. Rogover. 2,377,041; May 29.
Dental matrix retainer. C. S. Ivory. 2,374,750; May 1.
Dental plate container. S. Gordon. 2,375,645; May 8.
Dental surgical instrument. G. A. Montelius. 2,366,671; Jan. 2.
Dental surveying instrument. C. J. Ringle, G. H. Hiatt, and R. W. Smith. 2,376,384; May 22.
Dental tool sharpening device. C. A. Miller and S. L. Border. 2,391,260; Dec. 18.
Dentifrice and toothbrush container. P. G. Watt. 2,391,371; Dec. 18.
Denture. S. G. A. Dahl. 2,374,422; Apr. 24.
Dentures, Making. E. H. Gale. 2,367,767; Jan. 23.
Depicting device. P. A. Chadwell. 2,385,347; Sept. 25.
Depilatory pad. M. Gotham. 2,377,774; June 5.
Depositor for dough molders, Workpiece. E. O. Engels. 2,391,691; Dec. 25.
Deposits, Prospecting for buried. E. McDermott. 2,371,637; Mar. 20.
Depth ascertaining means, Liquid. D. H. Bierman. 2,368,589; Jan. 30.
Depth charge projector. C. P. Caulkins. 2,380,023; July 10.
Depth gauge. G. H. Eriksson. 2,375,982; May 15.
Depth gauge. J. T. Rakauskas. 2,373,338; Apr. 10.
Derivatives of acylated polyamines and making same, Certain subresinous esterification. M. De Groote and B. Keiser. 2,381,576; Aug. 7.
Derivatives of α,γ-dihydroxy-β,β-dimethyl-butyric acid and process for the manufacture of same. Y. Reichstein. 2,377,105; May 29.
Derivatives of aminobenzene sulphonamides. G. F. D'Alelio and J. J. Pyle. 2,388,529; Nov. 6.
Derivatives of β-(3-hydroxycyclopentanopolyhydrophenanthrene)-$\Delta^{\alpha,\beta}$-butyrolactones. R. C. Elderfield and F. C. Uhle. 2,386,783; Oct. 16.
Derivatives of camphene, Hydroxy acid. C. O. Henke. 2,382,313; Aug. 14.
Derivatives of cashew nut shell oil, Aliphatic-ether-alcohol. R. F. McCleary. 2,384,323; Sept. 4.
Derivatives of 5-amino-1, 3-dioxanes, and making same. M. De Groote. 2,384,605–6–7; Sept. 11.
Derivatives of fluorene carboxylic acids. G. Rieveschl, Jr., and F. E. Ray. 2,377,040; May 29.
Derivatives of 4:4′-diaminodiphenylsulphones and making same. M. Hartmann and J. Druey. 2,376,430; May 22.
Derivatives of hydroxylated acylated diamides and making same, Subresinous esterification. M. De Groote and B. Keiser. 2,384,080; Sept. 4.
Derivatives of hydroxylated amides and making same, Subresinous esterification. M. De Groote and B. Keiser. 2,381,577; Aug. 7.
Derivatives of ketonic compounds. M. L. Moore. 2,366,640; Jan. 2.
Derivatives of ketonic compound, Unsaturated. M. L. Moore. 2,366,641; Jan. 2.
Derivatives of morpholine and thiamorpholine, Preparing. G. F. D'Alelio and J. J. Pyle. 2,375,628; May 8.
Derivatives of nitroethylene, Production of. A. E. W. Smith. 2,385,037; Sept. 18.
Derivatives of saturated and unsaturated androstanediols-(3:17). L. Ruzicka and A. Wettstein. 2,387,469; Oct. 23.
Derivatives of sulphonated amines and preparing same. C. Graenacher, P. Streuli, and J. Meyer. 2,376,911; May 29.
Derivatives of the 2-alkyl-1,4-naphthoquinone. M. Bockmühl, O. Schaumann, E. Bartholomäus and H. Leditschke. 2,372,655; Apr. 3.
Derrick. A. Cibulka. 2,381,647; Aug. 7.
Derrick. F. T. Clifford. 2,373,743; Apr. 17.
Derrick, Rotatable. O. L. Berby and R. P. Fox. 2,374,074; Apr. 17.
Derrick structure. P. R. Nagle. 2,386,494; Oct. 9.
Derrick structure. W. B. Woody and M. G. Scott. 2,390,284; Dec. 4.
Desiccating agent. S. V. Cook and C. E. Waring. 2,388,390; Nov. 6.
Desiccating apparatus. D. C. Pfeiffer and J. M. Hill. 2,374,232; Apr. 24.
Desiccation of citrus fruit juices. E. W. Flosdorf. 2,380,036; July 10.
Designing set, Garment style. M. K. Muggy and J. de Jong. 2,384,330; Sept. 4.
Desk. I. R. Cornish. 2,386,092; Oct. 2.
Desk. I. Salomon. 2,375,441; May 8.
Desk appliance. F. Riggio. 2,370,372; Feb. 27.
Desk lamp. R. Weir. 2,371,861; Mar. 20.
Desk set, Magnetic. K. Parker. 2,386,500; Oct. 9.

Desk, Typewriter. W. J. Bargen. 2,369,127; Feb. 13.
Desk with typewriter attachment. M. H. Raggio. 2,384,045; Sept. 4.
Desk with typewriter carrier. M. Fox. 2,372,718; Apr. 3.
Destructor. C. A. Potter. 2,376,938; May 29.
Desuperheater. A. J. Wegmann. 2,384,511; Sept. 11.
Detachable coupling. A. W. Miller. 2,383,010; Aug. 21.
Detachable clip fastener. G. W. Pheazey. 2,366,456; Jan. 2.
Detachable frameless screen. H. P. Richards. 2,379,747; July 3.
Detachable port cover. R. Funk. 2,391,407; Dec. 25.
Detachable toilet paper holder. M. Dessaur. 2,374,586; Apr. 24.
Detaching motion. S. H. Helland. 2,382,481; Aug. 14.
Detecting device, Tack. C. G. Hilton. 2,385,271; Sept. 18.
Detecting device, Wheel-slip. G. K. Newell. 2,381,225; Aug. 7.
Detecting faulty electrolytic cell operation. R. J. McNitt. 2,374,762; May 1.
Detecting flaws in rails, Method and apparatus for. R. E. Frickey and C. W. McKee. 2,388,683; Nov. 13.
Detection and control system, Frequency and phase comparison. G. L. Usselman. 2,387,544; Oct. 23.
Detector and converter, Frequency modulation. R. B. Albright. 2,378,819; June 19.
Detector, Electrical ground. W. G. Cook. 2,390,778; Dec. 11.
Detector, Fire. N. J. Smith. 2,373,856; Apr. 17.
Detector for looms, Electrical weft. R. G. Turner. 2,384,979; Sept. 18.
Detector, Heat. L. F. and E. C. Obermeyer. 2,374,123; Apr. 17.
Detector, Sheet. H. Bobst. 2,373,222; Apr. 10.
Detector, Smoke. L. A. Hawkins. 2,369,966; Feb. 20.
Detector, Square-law. C. G. Sontheimer. 2,387,472; Oct. 23.
Detector system for very short electric waves. R. S. Ohl. 2,378,944; June 26.
Detector system, Seismic. E. McDermott. 2,375,570; May 8.
Detention window. H. G. Pillsbury. 2,385,585; Sept. 25.
Detergents, Alkaline. C. Schwartz. 2,391,647; Dec. 25.
Detergent composition. L. H. Flett. 2,374,187; Apr. 24.
Detergent composition. W. C. Gangloff. 2,386,106; Oct. 2.
Detergent composition. J. K. Gunther. 2,385,075; Sept. 18.
Detergent composition. L. F. Hoyt. 2,374,544; Apr. 24.
Detergent composition. A. S. Richardson. 2,383,737; Aug. 28.
Detergent composition. A. S. Richardson and W. H. McAllister. 2,383,738; Aug. 28.
Detergent composition. F. D. Snell. 2,376,096; May 15.
Detergent composition. N. B. Tucker. 2,383,525–6; Aug. 28.
Detergent composition. N. B. Tucker. 2,383,739–40; Aug. 28.
Detergent composition. T. E. De Villiers. 2,383,114; Aug. 21.
Detergent composition, Nonalkaline. E. A. Vitalis. 2,373,863; Apr. 17.
Detergent composition, Producing a. J. J. Spiegler. 2,367,971; Jan. 23.
Detergent composition and making same. L. H. Flett. 2,387,572; Oct. 23.
Determining and recording the stresses in wire ropes, chains, etc. H. Hitchen. 2,390,304; Dec. 4.
Determining positions in space. H. Eggers. 2,387,569; Oct. 23.
Determining the ground speed and/or course of aircraft, Method of and apparatus for. L. de Forest. 2,391,554; Dec. 25.
Detinning. J. P. A. McCoy. 2,386,970; Oct. 16.
Detonating device. J. Imber. 2,382,879; Aug. 14.
Detonating explosives in deep wells or the like, System for. F. I. Alexander. 2, 390,676; Dec. 11.
Detonating tube. C. R. Johnson. 2,380,312; July 10.
Detoxicant. G. J. Martin and M. R. Thompson. 2,366,742; Jan. 9.
Developers containing silver halide solvents. L. M. Dearing and C. H. Guell. 2,371,740; Mar. 20.
Developing and poultry cage, Chick. R. H. Scott. 2,369,316; Feb. 13.
Developing apparatus. F. R. Brick. 2,385,681; Sept. 25.
Device adopted for detachably coupling to eye-glasses for protecting the lenses. L. D'Urbano. 2,380,638; July 31.
Device for aerating and dispensing liquid products. E. R. Hacmac. 2,376,052; May 15.
Device for aiding night vision. D. Gordon. 2,374,991; May 1.
Device for aligning glasses on a bar. W. S. MacRae. 2,373,322; Apr. 10.
Device for alternating electric circuits. F. C. Grimm, Sr. 2,374,152; Apr. 17.
Device for applying and removing nuts. C. A. Koza. 2,366,859; Jan. 9.
Device for applying viscous liquids. R. K. Fraser. 2,376,243; May 15.
Device for arranging articles on conveying means. H. O. and O. C. Niederer. 2,383,270; Aug. 21.
Device for automatic braking in lowering of objects, such as boat tackles. J. Olsson and N. E. Lundin. 2,386,137; Oct. 2.
Device for automatically preventing motor vehicles from rolling back on grades. A. J. Russell. 2,379,829; July 3.
Device for autonomous aerial torpedoes, Catapult. R. Alkan and A. Costa de Beauregard. 2,390,677; Dec. 11.
Device for bending coil convolutions. W. A. Zahutnik. 2,387,380; Oct. 23.
Device for binding. H. Einzig. 2,388,960; Nov. 13.
Device for canteens, Heating. J. H. Pearson. 2,386,501; Oct. 9.
Device for clamping members to shafts. M. Piot. 2,390,168; Dec. 4.
Device for collecting filamentary material. R. J. Taylor. 2,386,411; Oct. 9.
Device for computing compound angles. J. M. Petrov. 2,380,070; July 10.
Device for connecting sheet metal members. G. Heim. 2,376,692; May 22.
Device for controlling electric circuits. C. O. Wood. 2,366,305; Jan. 2.
Device for controlling the opening and closing of a variable shutter for cinematographic photographing apparatus. R. Widmer. 2,376,301; May 15.
Device for controlling the shutter with a variable opening of cinematographic photographing apparatus. R. Widmer. 2,376,300; May 15.
Device for controlling the tension in the yarns being wound upon a beam in a warping or beaming plant. H. Hartung. 2,371,620; Mar. 20.
Device for creating, testing, and measuring stereopsis. L. D. Isaacson. 2,371,999; Mar. 20.
Device for cutting linoleum and the like. G. H. Callaghan. 2,383,368; Aug. 21.
Device for cutting sponge rubber or the like. F. G. Pierce and A. H. DeGroote. 2,380,787; July 31.
Device for defining the base lines on the human body for taking the measure. L. von Däniken and J. Geisser. 2,385,746; Sept. 25.
Device for detecting formation of ice on airplane wings. A. S. Patterson. 2,371,259; Mar. 13.
Device for determining the condition of a well bore from an etched acid bottle. F. J. Spang. 2,373,061; Apr. 3.
Device for determining the volume of gas or liquid in a receptacle. T. Helleberg and S. Malmstrom. 2,378,849; June 19.
Device for determining the volume of gas or liquid in receptacles. T. Helleberg and S. Malmstrom. 2,381,821; Aug. 7.
Device for directing and calculating apparatus. K. Papello. 2,384,043; Sept. 4.
Device for divided solid materials, Spraying. E. W. Vose. 2,391,048; Dec. 18.
Device for dressing grinding wheels and the like. J. Y. Blazek. 2,374,726; May 1.
Device for electric resistance welding. G. Hagedorn. 2,382,711; Aug. 14.
Device for eliminating backlash. G. A. Carroll. 2,385,194; Sept. 18.
Device for eliminating wear on brake beam heads. A. L. Prentice. 2,377,371–2; June 5.
Device for expelling the contents of collapsible tubes. C. J. Campfens and H. Dalstra. 2,379,475; July 3.
Device for exterminating rats, etc. P. J. Coates. 2,371,152; Mar. 13.
Device for feeding machines for packing tubular products. G. Bardet. 2,376,651; May 22.
Device for feeding pinion blanks. B. Rosengren. 2,389,083; Nov. 13.
Device for forming containers of flexible material. R. E. MacDonald. 2,385,147; Sept. 18.
Device for gasoline or oil gauges, Safety. D. Samiran. 2,385,382; Sept. 25.
Device for golf putting, Practice. H. A. Kling. 2,383,866; Aug. 28.
Device for grinding the pistons and measuring chambers of water meters. F. B. Simpson. 2,374,784; May 1.
Device for gyroscopes, Magnetic erection. R. Haskins, Jr., O. E. Esval, and R. S. Curry, Jr. 2,390,532; Dec. 11.
Device for holding articles in suspension. J. V. Fugazzi. 2,377,488; June 5.
Device for holding inner tubes. G. M. Anderson. 2,384,803; Sept. 18.
Device for holding tension test bars. J. C. Crocker. 2,380,027; July 10.
Device for honing spiral grooves. J. E. Kline and C. S. White. 2,380,317; July 10.
Device for injecting viscous materials. J. A. Murnane. 2,373,774; Apr. 17.
Device for insertion into keyholes for obstructing same to prevent unauthorized entry. O. J. Lofqwist. 2,383,397; Aug. 21.
Device for installing and removing tubular lamps and the like. G. D. Graumlich. 2,388,137; Oct. 30.
Device for interchanging bows or ornaments on shoes. E. Z. Lipari. 2,391,429; Dec. 25.
Device for internal-combustion engines, Controlling or regulating. G. Wünsch. 2,390,143; Dec. 4.
Device for locking hunting knives in their scabbards. G. E. Housinger. 2,391,574; Dec. 25.

Device for locking the platens of typewriters. J. P. Camzi. 2,386,655; Oct. 9.
Device for magnetic control of a discharge. H. M. Strobel. 2,381,317; Aug. 7.
Device for maintaining a fixed bias. O. I. Thompson. 2,375,877; May 15.
Device for making fabrics on gripper looms. A. Moessinger. 2,389,808; Nov. 27.
Device for making paper pulp containers, Former. R. E. MacDonald. 2,377,298; May 29.
Device for making rosettelike articles. H. Cottrell. 2,381,337; Aug. 7.
Device for making screw threads. A. Schutte. 2,376,727; May 22.
Device for manipulating contact lenses. E. W. Eweson. 2,379,629; July 3.
Device for measuring and dispensing liquid. G. C. White. 2,368,735; Feb. 6.
Device for measuring low direct voltages. C. Dorsman. 2,372,062; Mar. 20.
Device for measuring peak currents. C. W. Hansell. 2,378,846; June 19.
Device for measuring pressures exerted by certain body portions on a support therefor. A. W. Schenker. 2,378,039; June 12.
Device for measuring specific volume. R. Guyer and G. G. Johnston. 2,373,026; Apr. 3.
Device for measuring vertical angular deviation. E. H. Land. 2,372,091; Mar. 20.
Device for obtaining juice by means of steam. T. A. Johnsson. 2,368,141; Jan. 30.
Device for overcoming effects of shocks. F. G. Logan. 2,385,292–3; Sept. 18.
Device for parking airplanes. F. R. Wood. 2,391,608; Dec. 25.
Device for polishing locomotive crank pins. H. E. Klinglesmith. 2,382,642; Aug. 14.
Device for positioning colorimeter cells. D. S. Stevens. 2,391,076; Dec. 18.
Device for power-driven butterfly valves, Declutching. D. W. Hopkins. 2,390,882; Dec. 11.
Device for pressure vessels, Safety. G. Raymond. 2,387,353; Oct. 23.
Device for printing fabrics. B. Sonnino. 2,371,930; Mar. 20.
Device for producing successive electrical impulses. P. L. Spencer. 2,375,830; May 15.
Device for protecting ships against torpedoes. A. J. Sinchuk. 2,373,424; Apr. 10.
Device for pulling steel pins. S. A. Howerton. 2,376,251; May 15.
Device for receiving, retaining, and releasing articles. R. A. Smith. 2,388,221; Oct. 30.
Device for rectifying the involute tooth-profile of gear grinding disks. A. Aeppli. 2,376,109; May 15.
Device for recovering a radiation source. A. Wolf and G. Herzog. 2,382,279; Aug. 14.
Device for regulating the delivery of reciprocating compressors. F. Vollmer. 2,379,667; July 3.
Device for regulating internal-combustion engines. F. Gosslau, J. Schmidt, and W. Zarnack. 2,382,707; Aug. 14.
Device for regulating pressure in machine rollers. G. Babicz. 2,381,712; Aug. 7.
Device for regulating the height of masher arms. R. C. Schock. 2,382,264; Aug. 14.
Device for reinking typewriter ribbons. D. H. Hurlbut. 2,366,907; Jan. 9.
Device for releasably securing plates or tools to platen presses. H. Bobst and J. Kury. 2,382,600; Aug. 14.
Device for relieving cutters. A. J. England. 2,368,011; Jan. 23.
Device for removing and applying chain links. O. Hage. 2,379,001; June 26.
Device for removing casings from truck wheels. W. L. Smith and L. C. Alford. 2,375,956; May 15.
Device for reproducing recorded communications. B. A. Proctor. 2,366,458; Jan. 2.
Device for shaping metal sheets. B. Lermont and A. M. Wolf. 2,378,413; June 19.
Device for securing stair carpet and analogous uses. J. Smart. 2,390,851; Dec. 11.
Device for securing tool heads on handles. A. E. Hindle. 2,377,150; May 29.
Device for severed horns, Protective. T. F. Doyle. 2,369,219; Feb. 13.
Device for sewing machines, Lubricating. F. Parry. 2,385,299; Sept. 18.
Device for sewing machines, Stop motion. E. Vossen. 2,387,369; Oct. 23.
Device for sewing machines, Stop motion. E. Vossen. 2,387,958; Oct. 30.
Device for shaker conveyers, Self-loading. J. H. Holstein. Re. 22,703; Dec. 11.
Device for slicing edibles. H. G. W. Young. 2,376,843; May 22.
Device for splicing webs. O. C. Roesen. 2,386,345; Oct. 9.
Device for visual training. G. E. Hamilton. 2,387,442; Oct. 23.
Device for solid fuels rich in gases, Combustion. P. A. Åstradsson. 2,367,165; Jan. 9.
Device for starting and feeding electric discharge tubes. J. Lecorguillier. 2,373,402; Apr. 10.
Device for stirring melts. H. Bernstorff and A. Allendörfer. 2,390,052; Dec. 4.
Device for straightening freight car ends and the like. P. G. Stultz. 2,371,659; Mar. 20.
Device for television systems, Monitoring. T. T. Goldsmith, Jr. 2,391,090; Dec. 18.
Device for testing coins. W. Hatton. 2,390,147; Dec. 4.
Device for testing crystals. C. H. Suydam. 2,375,260; May 8.
Device for testing electrical condensers. A. E. Drobish and R. A. Kay. 2,390,784; Dec. 11.
Device for testing rubber gloves. J. J. Fields. 2,370,945; Mar. 6.
Device for testing the compression characteristics of sheet metals. D. S. Wolford and H. La Tour. 2,384,411; Sept. 4.
Device for the construction of tight flange joints in lined apparatus. C. Theiler. 2,383,089; Aug. 21.
Device for the construction or determination of angles. E. P. Elston. 2,376,315; May 15.
Device for the generation of pressure in presses. R. Frick. 2,378,764; June 19.
Device for the obscuring of windows. J. H. Woodward. 2,375,457; May 8.
Device for the operation of the controls of airplanes. R. A. A. Couzinet. 2,383,845; Aug. 28.
Device for the protection against the formation of ice. J. G. L. Duval. 2,369,886; Feb. 20.
Device for throwing missiles such as hand grenades. J. W. Clark. 2,378,187; June 12.
Device for trailers, Supporting. E. O. Dellbringge. 2,376,478; May 22.
Device for treating filamentary material. C. de Brabander. 2,390,572; Dec. 11.
Device for treating storage battery cell covers. O. O. Rieser. 2,391,478; Dec. 25.
Device for turning over small objects in large quantities. S. P. Vaughn. 2,370,698; Mar. 6.
Device for unreeling the strand material in winding machines. W. Siegenthaler. 2,370,922; Mar. 6.
Device for use in connection with ash trays for cigarettes. T. R. Lulham. 2,374,442; Apr. 24.
Device for use in zeroing dummy rifles and other dummy firearms used for training marksmen. Zygmunt de Lubicz-Bakanowski and F. J. Minns. 2,380,296; July 10.
Device for vehicles, Signal. C. W. Thornton. 2,382,832; Aug. 14.
Device for vehicles, Street indicating. H. C. Smith. 2,391,355; Dec. 18.
Device for vending machines, Protective. W. E. Richmond and J. W. Schultz. 2,378,868; June 19.
Device for vertically sliding window sashes, Friction. L. A. Macklanburg. 2,391,431; Dec. 25.
Device for winding strips of fabric material. G. Walker. 2,379,204; June 26.
Device in motor saws. C. G. Härd af Segerstad. 2,380,753; July 31.
Device or means for supporting the ropes or cables of aerial ropeways or the like. H. Holman. 2,378,081; June 12.
Device wherewith to set the points of beam-compasses and the like. A. S. McDonnell. 2,370,741; Mar. 6.
Devitalizing composition of matter. P. Müller. Re. 22,700; Dec. 4.
Dew point indicator. J. J. Turin. 2,376,209; May 15.
Dextrose, Polymerization of. G. J. Leuck. 2,375,564; May 8.
Dextrose, Production of. S. M. Cantor. 2,389,119; Nov. 20.
Diacetate, Preparing trans-quinitol. W. Nudenberg. 2,377,571; June 5.
Diagnostic and electrosurgical appliance. A. L. Sheiffele. 2,382,109; Aug. 14.
Diagnostic instrument. C. C. Boehm. 2,369,010; Feb. 6.
Dial combination for radio apparatus. J. Pierrel. 2,378,498; June 19.
Dial feed, Power-driven. R. A. Skriba, E. R. Miller, and F. M. Littell. 2,374,464; Apr. 24.
Dial, Illuminated. W. E. Overton. 2,381,924; Aug. 14.
Dial, Indicator. F. B. Brand. 2,378,975; June 26.
Dial indicator. R. W. Le Brun. 2,368,479; Jan. 30.
Dialkyl peroxides, Preparation of. R. H. Wiley. 2,369,096; Feb. 6.
Dials, Method of and apparatus for indexing. E. Penker. 2,372,389; Mar. 27.
Diamidines, Manufacture of. H. J. Barber. 2,375,740; May 8.
Diamine derivatives. J. E. Kirby and J. F. Lontz. 2,375,853; May 15.
Diamines, Secondary. W. R. Boon and A. R. Lowe. 2,387,873; Oct. 30.
Diamond cutting machine. J. W. Radu. 2,382,256; Aug. 14.
Diamond drill bit. J. D. MacFarlane. 2,371,698; Mar. 20.
Diamond holding tool. M. Rogos. 2,390,175; Dec. 4.
Diamond wheel dresser. S. M. Pollard and V. W. Windblad. 2,369,405; Feb. 13.
Diaphragm assemblage, Flexible. C. J. Sekera. 2,367,624; Jan. 16.
Diaphragm controlled operating unit. R. Avigdor. 2,376,892; May 29.

Diaphragm for film-displaying apparatus, Revoluble. E. Wurger. 2,379,129; June 26.
Diaphragm for pumps and the like, Deformable. N. Swindin. 2,372,302; Mar. 27.
Diaphragm operated valve. P. B. Drane. 2,389,720; Nov. 27.
Diaphragm pulsating apparatus for paper mill and pulp mill screens. F. Dustan. 2,368,291; Jan. 30.
Diaphragm pump. E. H. Herbert. 2,383,193; Aug. 21.
Diaphragm valve. G. H. Berkholder. 2,381,799; Aug. 7.
Diaphragm valve. O. Jacobsen. 2,381,544; Aug. 7.
Diaphragm valve. C. Mueser. 2,388,988–9; Nov. 13.
Diaryl hydrazines, Preparation of symmetrical. H. T. Lacey and R. E. Brouillard. 2,383,134; Aug. 21.
Diarylamino trianthrimides. E. C. Buxbaum. 2,372,313; Mar. 27.
Diazo compounds, Stabilized. P. P. McClellan and W. P. Ericks. 2,369,307; Feb. 13.
Diazo-type sensitive material, Stabilized. M. K. Reichel. 2,374,563; Apr. 24.
Dibenzanthrone compounds, Manufacture of. E. T. Howell. 2,388,743; Nov. 13.
Dicarboxylic acid esters of high polymer polyhydroxy compounds, Manufacture of. C. J. Malm and La M. D. Bearden. 2,379,309; June 26.
Dichlorodiethyl ether-alkali metal polysulphide condensation products in pulverulent form, Preparing. H. Taylor. 2,390,853; Dec. 11.
Dictation machine. H. P. Clausen. 2,382,607; Aug. 14.
Dicyanoethyl acetoacetic acid compounds. H. A. Bruson. 2,383,444; Aug. 28.
Di-cyclohexyl amine salt of alkyl phosphoric acid. H. G. Smith and T. L. Cantrell. 2,387,538; Oct. 23.
Dicyclopentadiene to cyclopentadiene, Converting. A. L. Ward. 2,372,237; Mar. 27.
Die: *See*—
Closing die.
Combination rubber die.
Drawing die.
Forming die.
Porthole extrusion die.
Stamping die.
Tube forming die.
Die. K. R. Allen. 2,377,599; June 5.
Die. P. E. Brooks. 2,388,115; Oct. 30.
Die. R. L. Ducklo. 2,367,490; Jan. 16.
Die. H. K. Egli. 2,388,838; Nov. 13.
Die. L. G. Freeman, Jr. 2,386,102; Oct. 2.
Die. A. R. Hedberg. 2,379,003; June 26.
Die. T. M. Lahr. 2,378,562; June 19.
Die. H. W. Martin. 2,377,351; June 5.
Die. C. G. Olson. 2,371,463; Mar. 13.
Die and ejector, Nut retainer. P. De Loe. 2,380,584; July 31.
Die and making same. J. S. Curtiss, Jr. 2,388,528; Nov. 6.
Die and stock therefor, Screw cutting. F. A. Lanfranconi. 2,373,836; Apr. 17.
Die-casting machine. A. R. Mills. 2,390,263; Dec. 4.
Die equalizer, Multiple. E. H. Fischer. 2,381,272; Aug. 7.
Die for coating fiber-insulated wire. R. H. Denham. 2,380,728; July 31.
Die for coating ribbon wire. R. L. Kierspe. 2,380,729; July 31.
Die for die-casting. H. W. Bartholomew. 2,366,475; Jan. 2.
Die for the manufacture of pen cases. O. Mayer. 2,377,166; May 29.
Die holder. F. Judge. 2,385,922; Oct. 2.
Die mount and making the same. J. Kurtz. 2,374,942; May 1.
Die press. C. W. Goodwin. 2,371,580; Mar. 13.
Die, Rope. H. Cantrell, T. Jackson, and W. Howarth. 2,366,593; Jan. 2.
Die set. L. Benedetto. 2,370,836; Mar. 6.
Die set, Self-contained. C. H. Tauser. 2,384,708; Sept. 11.
Die sheet metal flanging machine, Eccentric. H. V. Dettman. 2,384,284; Sept. 4.
Die stamping. G. E. Sojka. 2,373,060; Apr. 3.
Die stock. G. Roper. 2,388,290; Nov. 6.
Die stop for punch presses. S. Strobl. 2,377,824; June 5
Dies for aluminum sheet and the like, Stamping. R. Ammann. 2,384,229; Sept. 4.
Dies, Forming complementary concrete. J. H. Brown. 2,366,435; Jan. 2.
Dies, Making. S. Milano. 2,371,061; Mar. 6.
Dies, Making preliminary shaping. L. E. Burger and J. B. Skinner. 2,383,706; Aug. 28.
Dielectric. S. Ruben. 2,378,160; June 12.
Dielectric composition, Liquid. R. L. Jenkins. 2,370,113; Feb. 20.
Dielectric composition, Stabilized. J. L. Hyde. 2,377,630; June 5.
Dielectric compositions. J. F. Hyde. 2,377,689; June 5.
Dielectric material. F. M. Clark. 2,386,659; Oct. 9.
Diene hydrocarbons, Polymerization of conjugated. G. L. Browning, Jr., W. D. Stewart and B. M. G. Zwicker. 2,380,403–5; July 31.
Diene hydrocarbons, Polymerization of conjugated. C. F Fryling. 2,380,426; July 31.
Diene polymerization. A. M. Borders, W. D. Wolfe, H. J. Osterhof, and C. W. Walton. 2,386,735; Oct. 9.
Diene reaction products and process. A. A. Miller and T. F. Bradley. 2,375,937; May 15.
Dienes, Manufacture of. B. H. Shoemaker. 2,376,988; May 29.
Dienes, Polymerization of. C. F. Fryling. 2,366,325; Jan. 2.
Dienes, Polymerization of conjugated. G. L. Browning, Jr. 2,376,337; May 22.
Dienes, Polymerization of conjugated. C. F. Fryling. 2,373,753; Apr. 17.
Dienes, Polymerization of conjugated. C. F. Fryling. 2,383,055; Aug. 21.
Dienes, Polymerization of conjugated. B. S. Garvey, Jr. 2,375,987; May 15.
Dienes, Production of. M. De Simo and R. M. Roberts. 2,391,555; Dec. 25.
Dienes, Production of. R. C. Morris and R. J. Moore. 2,386,135; Oct. 2.
Diesel electric drive and control system. T. O. Lillquist. 2,371,832; Mar. 20.
Diesel engine. G. A. Akerley. 2,377,200; May 29.
Diesel fuel. W. E. Vaughan and F. F. Rust. 2,378,341; June 12.
Diesel fuel and improving Diesel fuel ignition. G. O. Curme. 2,378,466; June 19.
Diesel fuels. W. H. Sowers. 2,380,341; July 10.
Diesel fuels, Production. G. H. Cloud. 2,366,490; Jan. 2.
Diesters. Hexide. S. Soltzberg. 2,387,842; Oct. 30.
Differential mechanism. F. H. Boor. 2,380,397; July 31.
Differential mechanism. F. D. Knoblock. 2,385,864; Oct. 2.
Differential, Self-locking. R. G. Le Tourneau. 2,387,301; Oct. 16.
Diffusion means for liquid storage tanks, Gas. S. T. Helseth and S. T. Fauver. 2,380,176; July 10.
Diffusion pump. J. R. O. Downing. 2,386,299; Oct. 9.
Diffusion pump. J. R. O. Downing and W. B. Humes. 2,386,298; Oct. 9.
Digger and harvester, Two-row potato. T. B. Stevens. 2,371,076; Mar. 6.
Digger and shaker, Peanut. B. and J. G. Mooney. 2,384,763; Sept. 11.
Digger attachment for tractors, Posthole. R. J. Piper. 2,384,557; Sept. 11.
Digger, Building foundation. M. M. Hickey. 2,384,466; Sept. 11.
Digger, Ditch. A. B. Roehr. 2,381,689; Aug. 7.
Digger, Peanut or potato. R. J. McClenny. 2,383,506; Aug. 28.
Digging implement. L. N. Walter. 2,371,563; Mar. 13.
Dihydrogenated-β-erythroidine and production thereof. K. Folkers and F. R. Koniuszy. 2,370,651; Mar. 6.
Dilatometer. C. F. Wetherbee. 2,380,565; July 31.
Dilator, Teat. B. D. Smith. 2,368,576; Jan. 30.
Diluter for motor crank case lubricant. T. Gallo. 2,374,189; Apr. 24.
Diluter for motor crankcase lubricants. T. Gallo. 2,370,653; Mar. 6.
Dimers of 2-methyl-pentadiene and preparing the same. G. H. Morey. 2,368,068; Jan. 23.
Dimpling machine. T. H. Speller. 2,375,707; May 8.
Dining table. G. O. Thaxton. 2,382,183; Aug. 14.
Dinnerware lining machine. W. H. Emerson. 2,380,509; July 31.
Diolefin mono-sulphones, Decomposition of. F. E. Frey and H. J. Hepp. 2,380,832–3; July 31.
Diolefin production. F. E. Frey. 2,376,425; May 22.
Diolefin production. J. P. Jones. 2,376,059; May 15.
Diolefin recovery. J. E. Storment. 2,386,366; Oct. 9.
Diolefin recovery. I. L. Wolk. 2,386,379; Oct. 9.
Diolefines, Manufacture of. J. G. Allen. 2,387,731; Oct. 30.
Diolefins and vinyl benzenes, Production of. H. M. Singleton and T. B. McCulloch. 2,385,166; Sept. 18.
Diolefins, Concentrating. R. F. Robey and M. W. Swaney. 2,381,311; Aug. 7.
Diolefins from ethylene, steam, and calcium carbide, Preparing. C. H. Holder. 2,388,916; Nov. 13.
Diolefins from hydrocarbon mixtures, Selective extraction of. E. V. Fasce. 2,386,044; Oct. 2.
Diolefins in mixtures containing same, Concentrating. T. W. Evans, R. C. Morris and E. C. Shokal. 2,372,941; Apr. 3.
Diolefins, Manufacture of. H. J. Hepp. 2,391,158; Dec. 18.
Diolefins, Manufacture of. R. F. Ruthruff. 2,367,530; Jan. 16.
Diolefins, Polymerization of. W. A. Schulze and W. N. Axe. 2,371,849; Mar. 20.
Diolefins, Polymerization of. W. A. Schulze and W. N. Axe. 2,376,090; May 15.
Diolefins, Preparation of. N. H. Marsh. 2,389,205; Nov. 20.
Diolefins, Preparing. F. E. Frey. 2,376,426; May 22.
Diolefins, Preparing conjugated. H. S. Davis. 2,375,086; May 1.
Diolefins, Process and reagent for the separation of. G. H. Short and L. C. Morris. 2,386,274; Oct. 9.
Diolefins, Production of. T. W. Evans, R. C. Morris and N. C. Melchior. 2,379,697; July 3.
Diolefins, Production of. F. E. Frey. 2,371,817; Mar. 20.
Diolefins, Production of. G. W. Hearne. 2,379,708; July 3.

Diolefins, Production of. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,386,354; Oct. 9.
Diolefins, Production of. W. A. Schulze and L. C. Morris. 2,386,355; Oct. 9.
Diolefins, Production of. H. M. Singleton. 2,382,749; Aug. 14.
Diolefins, Production of. K. A. Wright. 2,385,484; Sept. 25.
Diolefins, Production of conjugated. J. L. Amos and F. J. Soderquist. 2,370,513; Feb. 27.
Diolefins, Production of low-boiling. J. P. Jones. 2,376,061; May 15.
Diolefins, Purification of. D. Craig. 2,366,315; Jan. 2.
Diolefins, Purification of. F. J. Soday. 2,373,715; Apr. 17.
Diolefins, Purification of. C. E. Welling. 2,376,104; May 15.
Diolefins, Purification or aliphatic conjugated. F. E Frey. 2,380,831; July 31.
Diolefins, Recovery. H. E. Drennan. 2,386,200; Oct. 9.
Diolefins, Recovery of. I. L. Wolk. 2,386,734; Oct. 9.
Diolefins, Separating. J. H. Boyd, Jr. 2,386,927; Oct. 16.
Diolefins, Separation of. R. C. Morris and H. de V. Finch. 2,373,329; Apr. 10.
Dioxane derivatives and making the same. A. Grün. 2,366,611; Jan. 2.
Dioxide from gases, Separation of sulphur. T. F. Doumani. 2,370,020; Feb. 20.
Dioxide, Preparation of zirconium. E. Wainer. 2,387,-046; Oct. 16.
Dioxolanes, Stabilized. W. F. Gresham. 2,376,354; May 22.
Diphenyl sulphones, Production of. J. Weijlard and J. P. Messerly. 2,385,899; Oct. 2.
Dipping machine. S. McMordie and D. A. Peterson. 2,389,319; Nov. 20.
Direct-current motor. G. A. Reinhard. 2,383,498; Nov. 6.
Direct-fired unit heater. D. Henderson, R. M. Rush, and H. C. Anderson. 2,376,140; May 15.
Direction finder. M. Relson. 2,377,902; June 12.
Directional control and reverse valve. M. Turchan and C. Walker. 2,374,714; May 1.
Directional element, Double-loop four-pole. W. K. Sonnemann, A. C. Mehring, and S. L. Goldsborough. 2,380,197; July 10.
Directional gyro. L. F. Carter and F. D. Braddon. 2,366,707; Jan. 9.
Directional power divider. A. D. Robbins. 2,369,075; Feb. 6.
Director, Auto. A. C. Schulze. 2,385,164; Sept. 18.
Director, Fire. J. W. Allen. 2,379,778; July 3.
Directory, Index. S. P. Kelsey. 2,375,228; May 8.
Disappearing hanger. W. K. Jahn. 2,390,257; Dec. 4.
Disassembly. G. H. Orloff. 2,373,141; Apr. 10.
Discharge apparatus for and method of cooling the interior of bottles and other hollow glass articles, Liquid spray. T. D. Green. 2,386,455; Oct. 9.
Discharge device, Electron. H. J. Dailey. 2,379,067; June 26.
Discharge device, Electronic. J. E. Clark, C. E. Fay, and V. L. Ronci. 2,380,502; July 31.
Discharge device, Gaseous conduction. D. E. Henry. 2,367,579; Jan. 16.
Discharge device, Making electric. J. T. Anderson, R. S. Wells, and W. J. Scott. 2,379,057; June 26.
Discharge device, Mercury vapor. A. F. Bowles and H. M. Lipsius. 2,379,620; July 3.
Discharge device, Multianode. W. C. White. 2,367,987; Jan. 23.
Discharge device, Space. H. Olken. 2,376,882; May 29.
Discharge, Hopper. J. J. McBride. 2,386,702; Oct. 9.
Discharge lamp circuit. C. H. Hodgkins. 2,374,352; Apr. 24.
Discharger and flare, Flashless. H. E. Mills. 2,375,314; May 8.
Discharger mechanism, Cake. J. A. McCaskell. 2,374,363; Apr. 24.
Disconnect switch. C. Hartley. 2,390,585; Dec. 11.
Disconnecting contact. M. J. Rubel. 2,376,818; May 22.
Disconnecting device. Circuit. B. O. Watkins and J. F. Atkinson. 2,387,372–3; Oct. 23.
Disconnecting switch. C. L. Garrison. 2,368,462; Jan. 30.
Disconnecting switch. W. J. Gilson. 2,371,755; Mar. 20.
Disconnecting switch. K. A. Hawley. 2,366,784; Jan. 9.
Discopter. A. G. Weygers. 2,377,835; June 5.
Disengageable slip clutch. J. T. Barron. 2,380,572; July 31.
Dish drainer. J. Gray. 2,378,628; June 19.
Dish, Grill and chafing. H. Volks. 2,370,595; Feb. 27.
Dish, Soap. G. N. Nelson. 2,366,421; Jan. 2.
Dish, Toilet. M. V. Kendig. 2,371,448; Mar. 13.
Dishes, Cleansing. D. K. Ferris. 2,385,264; Sept. 18.
Dishwasher. P. M. Seiple. 2,376,627; May 22.
Dish washing machine. M. A. Voris. 2,390,757; Dec. 11.
Dishwashing machine, primarily for household use. J. Hertz. 2,372,205; Mar. 27.
Disinfectant compositions. J. E. Kirby and J. F. Lontz. 2,388,614; Nov. 6.
Disinfector, Portable gas. W. A. Higgins. 2,375,226; May 8.
Disintegrating cartridge belt. J. M. Ewart. 2,379,510; July 3.
Disintegrator for sewage sludge and for like purposes. W. K. Porteous. 2,369,312; Feb. 13.
Disk, Abrasive. F. O. Albertson. 2,385,249; Sept. 18.
Disk, Abrasive. R. G. Humphrey and R. Sample. 2,376,254; May 15.
Disk brake. H. T. Lambert. 2,368,417; Jan. 30.
Disk, Brake. R. C. Pierce. 2,372,984; Apr. 3.
Disk changing device for phonographs, Automatic record. A. Compare. 2,371,222; Mar. 13.
Disk diamond dressing tool. C. J. Koebel. 2,380,451; July 31.
Disk for brakes, Rotor. W. M. Lipps. 2,375,566; May 8.
Disk gang assembly. R. H. Mitchell. 2,389,993; Nov. 27.
Disk harrow. A. E. Rutter. 2,377,521; June 5.
Disk, Plastics coned. H. Kershaw. 2,376,154; May 15; May 15.
Disk, Polishing. C. F. Schlegel. 2,366,877; Jan. 9.
Disk tiller. W. H. Silver. 2,370,374; Feb. 27.
Disks, Forming conical. R. C. Ingersoll. 2,382,485; Aug. 14.

Dispenser: *See*—

Beer dispenser.
Cigarette dispenser.
Cup dispenser.
Currency dispenser.
Drink dispenser.
Fluid dispenser.
Fountain dispenser.
Frozen confection dispenser.
Label dispenser.
Measuring dispenser.
Milk dispenser.
Multiple dispenser.
Paper dispenser.
Paper roll dispenser.
Paste or cream dispenser.
Periodical dispenser.
Pie pan dispenser.
Pouring dispenser.
Roll paper dispenser.
Safety liquid dispenser.
Soap dispenser.
Tape dispenser.
Tooth powder and paste dispenser.
Towel dispenser.

Dispenser. M. J. Blons. 2,371,216; Mar. 13.
Dispenser. H. C. Gessler. 2,380,906; July 31.
Dispenser. E. C. Kaye. 2,370,796; Mar. 6.
Dispenser. W. C. Moeller. 2,390,448; Dec. 4.
Dispenser. A. H. and F. N. Reed. 2,370,995; Mar. 6.
Dispenser. C. G. Sohmer. 2,376,018; May 15.
Dispenser. S. C. Waite. 2,379,327; June 26.
Dispenser. J. H. Wheeler. 2,374,633; Apr. 24.
Dispenser and control for the same. H. J. Jordan. 2,372,281; Mar. 27.
Dispenser for cigarettes and the like. H. Negbaur and J. G. Lippincott. 2,370,747; Mar. 6.
Dispenser for tacky tape. T. H. Krueger. 2,366,971; Jan. 9.
Dispenser for washing compounds. S. A. Raymond. 2,387,944; Oct. 30.
Dispensers, Multiple stack loading mechanism for cup. L. W. Doggett. 2,370,848; Mar. 6.
Dispensing and display case, Modern food. J. H. Walborn. 2,380,712; July 31.
Dispensing and vending system. H. C. Warner. 2,384,863; Sept. 18.
Dispensing apparatus. J. F. Longhway. 2,389,068; Nov. 13.
Dispensing apparatus. E. E. McDow. 2,387,945; Oct. 30.
Dispensing apparatus. S. D. Polsen and S. H. Nelson. 2,378,430; June 19.
Dispensing apparatus. J. M. Reynolds. 2,374,896; May 1.
Dispensing apparatus. G. Smith. 2,382,369; Aug. 14.
Dispensing apparatus, Bottle. A. Gerlich. 2,376,682; May 22.
Dispensing apparatus for liquids. R. W. McBrien. 2,387,923; Oct. 30.
Dispensing apparatus, Liquid. S. Hinds. 2,370,466; Feb. 27.
Dispensing apparatus, Liquid. J. A. Merrill. 2,381,304; Aug. 7.
Dispensing apparatus, Liquid. R. R. Trexler. 2,390,136; Dec. 4.
Dispensing apparatus. Predetermining. E. Thoresen and W. H. Marsh. 2,382,454; Aug. 14.
Dispensing attachment for containers. J. B. Clower. 2,385,195; Sept. 18.
Dispensing bottle cap. W. E. Vensel. 2,378,451; June 19.
Dispensing container. H. L. Apfelbaum. 2,377,120; May 29.
Dispensing container. A. P. Banua. 2,385,600; Sept. 25.
Dispensing container. S. D. Barlow. 2,376,222; May 15.
Dispensing container. W. T. Bouchelle. 2,387,640; Oct. 23.
Dispensing container. C. H. Duell. 2,378,003; June 12.
Dispensing container. E. B. Duell. 2,378,004; June 12.
Dispensing container. V. E. Heywood and W. M. Cary. 2,371,521; Mar. 13.
Dispensing container. J. J. Jacobson. 2,371,332; Mar. 13.
Dispensing container. B. W. Kleinberg. 2,390,945; Dec. 11.
Dispensing container. J. G. Mason, B. L. Craig, and J. C. Garvin. 2,375,430; May 8.
Dispensing container. M. I. Williamson. 2,366,226; Jan. 2.
Dispensing container for roll paper. C. H. N. R. Willis. 2,390,407; Dec. 4.
Dispensing container, Self-closing top and. W. F. Punte. 2,391,345; Dec. 18.
Dispensing device. W. O. Brown. 2,383,367; Aug. 21.
Dispensing device. R. T. Cornelius. 2,372,360; Mar. 27.

Dispensing device. M. L. Goldbert. 2,366,963; Jan. 9.
Dispensing device. C. E. Lebrecht. 2,380,533; July 31.
Dispensing device. J. D. Le Frank. 2,373,124; Apr. 10.
Dispensing device. W. W. Weichselbaum. 2,382,191; Aug. 14.
Dispensing device. J. N. Wognum. 2,385,956; Oct. 2.
Dispensing device and arrangement thereof. K. L. Schiff. 2,386,408; Oct. 9.
Dispensing device, Beverage. C. W. Lloyd. 2,379,532; July 3.
Dispensing device, Bottle. J. M. Stewart. 2,379,112; June 26.
Dispensing device, Charged liquid. H. Pletman. 2,372,392; Mar. 27.
Dispensing device, Dry-cell. L. G. Briggs. 2,385,400; Sept. 25.
Dispensing device, Fluid. C. Mankouski. 2,385,418; Sept. 25.
Dispensing device, Fluid. A. L. Parker, R. H. Davies, and J. F. Melichar. 2,385,102; Sept. 18.
Dispensing device, Fluid. E. C. Watters. 2,387,374; Oct. 23.
Dispensing device for paste tubes. W. B. Massey. 2,390,314; Dec. 4.
Dispensing device, Missile. F. H. Hagner. 2,389,851; Nov. 27.
Dispensing device, Refrigerated bottle. T. F. Green, Jr. 2,389,619; Nov. 27.
Dispensing devices, Assembling. A. E. Vaughn. 2,384,219; Sept. 4.
Dispensing faucet. L. T. Ward. 2,367,077; Jan. 9.
Dispensing machine. F. T. Seegar and W. Panitch. 2,387,470; Oct. 23.
Dispensing machine. M. L. Smith and R. Schwalb. 2,376,562; May 22.
Dispensing machine. C. Wilder. 2,380,093; July 10.
Dispensing machine, Bottle. G. H. Nitschman. 2,381,179; Aug. 7.
Dispensing means, Liquid. L. G. Bates. 2,387,699; Oct. 23.
Dispensing mechanism, Liquid. K. C. Bugg. 2,379,785; July 3.
Dispensing package. C. J. Haag. 2,367,019; Jan. 9.
Dispensing pump. K. S. Clapp. 2,387,233; Oct. 23.
Dispensing rack. C. Strauss. 2,389,092; Nov. 13.
Dispensing receptacle. E. R. Crebbs. 2,391,617; Dec. 25.
Dispensing system and apparatus, Food. J. Anchor. 2,391,287; Dec. 18.
Dispensing tap. A. Berg. 2,373,373; Apr. 10.
Dispensing tube and manufacture thereof, Nonmetallic collapsible. I. Gurwick. 2,385,506; Sept. 25.
Dispensing unit. C. F. Pease. 2,382,576; Aug. 14.
Dispersions of adhesives of the oil-in-water type. J. O. Hendricks. 2,382,417; Aug. 14.
Dispersive agent, Producing. A. J. Tiede. 2,381,939; Aug. 14.
Displacement apparatus. R. D. Delamere. 2,369,539; Feb. 13.
Displacement apparatus, Centrifugal. C. I. Place. 2,387,348; Oct. 23.
Display, Advertising. E. Borregard. 2,389,606; Nov. 27.
Display apparatus. L. H. B. Peer. 2,377,175; May 29.
Display appliance, Merchandise. C. F. Kollman. 2,367,289; Jan. 16.
Display card and fastener holder. J. J. Murphy and A. J. Reisinger. 2,374,881; May 1.
Display container. M. L. Goldbert. 2,391,453; Dec. 25.
Display container and blank therefor. M. I. Williamson and R. Fink. 2,391,285; Dec. 18.
Display device. W. H. Bohlke. 2,374,800; May 1.
Display device. W. T. Bouchelle. 2,387,639; Oct. 23.
Display device. E. D. Ellis. 2,387,503; Oct. 23.
Display device. M. M. Farrand. 2,374,341; Apr. 24.
Display device. J. V. Horr. 2,389,511; Nov. 20.
Display device. R. J. Jorgenson and F. L. Clute. 2,385,002; Sept 18.
Display device. A. J. Quinby. 2,373,778; Apr. 17.
Display device. C. W. Skogh. 2,379,598; July 3.
Display device. M. J. Viglietta. 2,368,054; Jan. 23.
Display device. F. H. Waggoner. 2,386,642; Oct. 9.
Display fixture, Produce. C. K. Godfrey. 2,386,208; Oct. 9.
Display form, Garment. N. Shafarman. 2,384,495; Sept. 11.
Display frame. H. S. Piper. Re. 22,683; Oct. 16
Display, Hanging. H. Zemmerman. 2,373,074; Apr. 3.
Display head. L. L. Grenecker. 2,381,663; Aug. 7.
Display mount. C. N. Cross. 2,373,875; Apr. 17.
Display mount support. C. N. Cross. 2,383,776; Aug. 28.
Display rack. F. F. Loeb and J. E. Bales. 2,378,419; June 19.
Display, Shield. M. A. Kraft. 2,378,935; June 26.
Display sign. A. M. Ryan. 2,388,646; Nov. 6.
Display with effect of animation, Luminous. F. Hotchner. 2,389,911; Nov. 27.
Disseminator, Evaporating. G. J. Eisner. 2,372,371; Mar. 27.
Dissipating system for bearings, Heat. T. J. Bay and M. R. Machol. 2,391,670; Dec. 25.
Dissolving dried starch conversion solids. B. F. Buchanan. 2,370,123; Feb. 27.
Dissolving, softening, gelatinizing, and swelling agents. W. Hentrich, W. Kaiser, and R. Endres. 2,382,714; Aug. 14.
Distance measuring device. C. Granqvist. 2,371,988; Mar. 20.
Distance measuring device. E. A. J. Tunnicliffe. 2,376,836; May 22.
Distillate, Pressure. W. Kaplan. 2,367,284; Jan. 16.
Distillate production. F. S. West. 2,388,102; Oct. 30.
Distillation apparatus, Controlled fractional. R. E. Burk. 2,385,345; Sept. 25.
Distillation control. W. E. Fisher. 2,386,601; Oct. 9.
Distillation method and apparatus. G. T. Kohman and C. Prescott, Jr. 2,368,665; Feb. 6.
Distillation method and apparatus. A. Latham, Jr. 2,389,789; Nov. 27.
Distillation, Method of and apparatus for. A. Latham, Jr. 2,389,064; Nov. 13.
Distillation process. G. R. Lake. 2,375,478; May 8.
Distillation process. H. R. Legatski. 2,369,058; Feb. 6.
Distillation process. M. Souders, Jr. 2,379,110; June 26.
Distillation unit. J. C. Cleaver and J. V. Resek. 2,388,599; Nov. 6.
Distributing apparatus. M. E. Fernald. 2,381,893; Aug. 14.
Distributing apparatus for bituminous and like material. G. M. Etnyre. 2,372,065; Mar. 20.
Distributing control device. W. C. Ewaldson. 2,387,570; Oct. 23.
Distributing means for spray booths, Water curtain. J. F. Roche, Jr. 2,382,026; Aug. 14.
Distributing mechanism, Fluid. W. F. Wilhelm. 2,378,273; June 12.
Distributing valve for pneumatic tools. F. P. Forss. 2,372,945; Apr. 3.
Distribution system regulator. M. Newman. 2,372,600. Mar. 27.
Distributor. E. Erickson. 2,389,845; Nov. 27.
Distributor, Fertilizer. F. W. Douthitt. 2,371,958; Mar. 20.
Distributor, Fertilizer. L. B. Fasick. 2,368,127; Jan. 30.
Distributor for granular materials. L. A. Hawthorne. 2,373,183; Apr. 10.
Distributor for material spreaders. H. O. Vogel. 2,380,347; July 10.
Distributor, Fluid. E. C. Wahlberg. 2,367,319; Jan. 16.
Distributor, Fuel. F. J. Wiegand. 2,366,891; Jan. 9.
Distributor, Grain. R. I. Patterson. 2,368,872; Feb. 6.
Distributor, Journal lubricator. J. J. Hennessy. 2,378,407; June 19.
Distributor mechanism. A. J. Dowd. 2,371,034; Mar. 6.
Distributor, Receiving. R. E. Mathes. 2,374,295; Apr. 24.
Distributor, Sound. S. H. Barclay. 2,387,974; Oct. 30.
Distributor structure. H. P. Faris and J. E. White. 2,385,780–1; Oct. 2.
Disulphanilylguanidine and preparing same. A. E. Pierce. 2,390,734; Dec. 11.
Disulphides, Preparation of. R. H. Cooper. 2,375,083; May 1.
Disulphides, tellurides, and selenides. Producing metallic. E. B. Kaercher. 2,367,946; Jan. 23.
Ditching machine. J. S. Blackie. 2,387,977; Oct. 30.
Di-tertiary alkyl sulphides. J. R. Meadow. 2,366,453; Jan. 2.
Dithioammelide, Preparation of. D. W. Kaiser. 2,375,733; May 8.
Dithiobiuret and preparation. R. L. Sperry. 2,371,112; Mar. 6.
Dithiofuroates. A. F. Hardman. 2,386,111; Oct. 2.
Dithiophosphates, Disubstituted. A. R. Davis. 2,389,718; Nov. 27.
Dithiophosphoric acid of an alkyl-substituted phenol and a mineral oil containing this compound, Making a. O. M. Reiff and H. J. Andress, Jr. 2,386,207; Oct. 9.
Dithiophosphoric acids and salts thereof. E. W. Cook and W. D. Thomas, Jr. 2,382,775; Aug. 14.
Divan, Bed. S. L. Grossman. 2,369,562; Feb. 13.
Diverter for sugar contaminated condensates, Automatic. A. M. Hewlett. 2,376,694; May 22.
Dividing and multiplying machine, Combined. J. W. Bryce. 2,370,616; Mar. 6.
Dividing head. W. W. Lewis. 2,373,578; Apr. 10.
Dividing head. O. Litchwitz. 2,367,952; Jan. 23.
Dividing mechanism. B. Ruysdael. 2,386,145; Oct. 2.
Dividing system, Electric frequency. B. Drake. 2,383,177; Aug. 21.
Divinyl-benzene compounds from corresponding ethylated benzene compounds, Manufacture of. R. R. Dreisbach. 2,385,696; Sept. 25.
dl-tryptophane and producing the same. E. T. Stiller. 2,380,479; July 31.
Dock, Basin or graving dry. F. R. Harris. 2,384,616; Sept. 11.
Dock, Floating. H. O. Foss. 2,389,353; Nov. 20.
Dock, Floating dry. C. A. D. Bayley. 2,385,341; Sept. 25.
Dock, Graving or basin dry. F. R. Harris. 2,384,464; Sept. 11.
Dock, Prefabricated timber. F. R. Harris. 2,370,957; Mar. 6.
Doctor, Air. F. C. Woodward. 2,386,156; Oct. 2.
Dog drive for the step by step actuation of films. E. Wurger. 2,374,318; Apr. 24.

Dog, Lathe. R. R. Stewart and T. R. De Long. 2,388,622; Nov. 6.
Doll. A. L. Clark. 2,391,131; Dec. 18.
Doll. E. E. Smith. 2,372,799; Apr. 3.
Doll and making the same, Paper. E. B. Engle. 2,369,031; Feb. 6.
Doll, Jointed manikin. M. Geller. 2,381,897; Aug. 14.
Doll, Umbrella. M. C. Hawkey. 2,380,175; July 10.
Dolly. A. J. Acker. 2,389,584; Nov. 27.
Dolly. E. B. Thompson. 2,386,516; Oct. 9.
Dolly, Propeller. E. C. Hokanson. 2,375,363; May 8.
Dolly, Skidway. P. J. Kordes. 2,370,548; Feb. 27.
Dolomite, Producing burnt. W. Syz. 2,380,480; July 31.
Domestic appliance. R. R. Candor. 2,378,392; June 19.
Domestic appliance. K. Clark. 2,366,236; Jan. 2.
Domestic appliance. J. B. Dyer. 2,375,635; May 8.
Domestic appliance. D. K. Ferris. 2,381,894; Aug. 14.
Domestic appliance. D. K. Ferris. 2,382,219; Aug. 14.
Domestic appliance. D. K. Ferris. 2,384,903; Sept. 18.
Domestic appliance. F. H. McCormick. 2,378,421; June 19.
Domestic appliance. M. E. Fry. 2,388,839; Nov. 13.
Domestic appliance. G. C. Pearce. 2,388,702; Nov. 13.
Domestic appliance. D. H. Reeves. 2,374,457; Apr. 24.
Door: *See*—

Car door.	Overhead door.
Folding door.	Overhead garage door.
Furnace door.	Quick-acting door.
Garage door.	Sectional sliding door.
Mine door.	Silo door.

Door actuating apparatus. J. N. Morris and R. L. Kent. 2,367,959; Jan. 23.
Door and body ornamentation, Automobile. J. H. Wernig. 2,383,575; Aug. 28.
Door and sealing means therefor. W. F. Oliver. 2,376,449; May 22.
Door and window, Combination screen and storm. J. M. Prevette. 2,377,449; June 5.
Door and window lock, Combined. A. Rappl. 2,378,500; June 19.
Door check and closer. J. D. S. Larsson. 2,377,636; June 5.
Door check or closer. H. W. Brooks. 2,373,075; Apr. 3.
Door closer with oil brake. G. N. Pettersen. 2,369,601; Feb. 13.
Door closing device. H. H. Pancake. 2,374,155; Apr. 17.
Door construction. W. A. Ellsworth. 2,366,894; Jan. 9.
Door construction. H. H. Turner. 2,379,120; June 26.
Door construction. H. H. Turner. 2,386,016; Oct. 2.
Door construction, Rolling. N. Michelman. 2,390,116–17; Dec. 4.
Door for animal houses. J. M. Solyst. 2,373,858; Apr. 17.
Door frame construction for cabinets. H. Derman. 2,384,896; Sept. 18.
Door fixture, Cabinet. A. Marchand. 2,381,132; Aug. 7.
Door header. S. Reese. 2,372,394; Mar. 27.
Door holder. R. S. Potter. 2,368,875; Feb. 6.
Door knob fastener. W. R. Schlage. 2,369,494; Feb. 13.
Door latch. H. G. Voight. 2,369,873; Feb. 20.
Door latch and lock. A. R. Jones. 2,368,840; Feb. 6.
Door latch mechanism. J. Abernethy. 2,383,032; Aug. 21.
Door lift mechanism. W. A. Beauchamp. 2,373,447; Apr. 10.
Door lift mechanism. T. Madland. 2,386,698; Oct. 9.
Door lifting mechanism. T. Madland. 2,387,161; Oct. 16.
Door lock. M. Falk. 2,370,645; Mar. 6.
Door lock. H. E. Fendring. 2,366,847; Jan. 9.
Door lock. S. F. Rolph. 2,377,301; May 29.
Door lock. W. R. Schlage. 2,366,934; Jan. 9.
Door lock. W. R. Schlage. 2,370,690–1; Mar. 6.
Door lock. W. R. Schlage. 2,389,819; Nov. 27.
Door lock. W. R. Schlage and W. H. Hahir. 2,380,708; July 31.
Door lock. H. G. Voight. 2,385,173; Sept. 18.
Door lock. H. G. Voight and S. Oxhandler. 2,376,102;
Door lock. A. Wirz. 2,382,762; Aug. 14.
Door locking system. J. W. Fitz Gerald. 2,382,985; Aug. 21.
Door mechanism. J. E. Wolf. 2,373,282; Apr. 10.
Door operating device, Inertia. L. F. Schoelkopf. 2,380,334; July 10.
Door operating mechanism. L. Beskin. 2,372,648; Apr. 3.
Door or gate closer. B. Strosnider. 2,385,590; Sept. 25.
Door or like operating device. E. J. Vallen. 2,378,262; June 12.
Door securing device. A. Chambers and R. E. Gearhart. 2,368,411; Jan. 30.
Door securing device. A. Chambers and R. E. Gearhart. 2,369,136; Feb. 13.
Doorstop. E. R. Bright and S. Bright, Jr. 2,376,117; May 15.
Door structure and latching mechanism, Refrigerator. T. Nieter. 2,386,495; Oct. 9.
Door supporting apparatus, Sliding. I. Shafer. 2,386,510;
Door suspension for vehicles, especially automobiles. T. Ulrich. 2,383,428; Aug. 21.
Door switch. D. Conlan. 2,374,585; Apr. 24.
Door switch. D. Conlan. 2,391,549; Dec. 25.
Door, window, and the like. F. J. F. Solis. 2,378,591; June 19.
Doors for dwellings, Combination outer. O. A. Hinton and L. De Stramp. 2,381,666; Aug. 7.
Double-acting glass cutter. W. Owen. 2,377,098; May 29.
Double acting reciprocating air motor. R. R. Kilian. 2,380,315; July 10.
Double acting, two-cycle Diesel engine. W. R. Appeman. 2,387,107; Oct. 16.
Double-action piston rod. R. C. Laurain. 2,383,136; Aug. 21.
Double-action pump. F. A. Nichols. 2,369,365; Feb. 13.
Double-action pump. F. A. Nichols. 2,371,704; Mar. 20.
Double-break contact. D. Ellis and O. L. Taylor. 2,384,988; Sept. 18.
Double burner structure. J. L. Breese, B. Hayter, and M. D. Huston. 2,366,706; Jan. 9.
Double case pump. A. J. Nelson. 2,374,122; Apr. 17.
Double container. M. Prager. 2,385,648; Sept. 25.
Double glazed window and manufacture. E. M. Guyer, J. T. Littleton, and M. R. Shaw, Jr. 2,389,360; Nov. 20.
Double-loop directional element. S. L. Goldsborough. 2,380,165; July 10.
Double purpose tool. C. E. Bown. 2,383,464; Aug. 28.
Double seaming machine, Can. J. H. Schurch. 2,386,069; Oct. 2.
Dough dividing machine. I. Elliott. 2,383,536; Aug. 28.
Dough forming device. E. T. Ersepke. 2,379,956; July 10.
Dough, Process and apparatus for molding bread. A. W. Burdett, R. Tanous and A. E. Tolley. 2,373,012; Apr. 3.
Dough products, Making formed. P. W. Souder. 2,366,366; Jan. 2.
Dough, Treating. M. Cohen, D. W. Enoch, G. Hasty, and G. A. Jorgenson. 2,383,774; Aug. 28.
Doughnut cutter. V. R. Fitzsimmons. 2,370,650; Mar. 6.
Dowel construction. A. R. Houk. 2,384,918; Sept. 18.
Dowel pin. E. A. Baumbach. 2,380,287; July 10.
Dowel pin assembly. R. B. Purkiss. 2,388,181; Oct. 30.
Dowel setting machine. J. A. Golden. 2,389,773; Nov. 27.
Downspout, Expansible wood. H. E. Hall. 2,373,394; Apr. 10.
Downspout for bubble trays. C. G. Gerhold. 2,385,355; Sept. 25.
Draft control. C. C. Buren. 2,385,192; Sept. 18.
Draft control. E. A. Field, Jr. 2,371,512; Mar. 13.
Draft control, Barometric. A. O. Dady. 2,388,253; Nov. 6.
Draft control device for oil burners. J. E. Thornquist. 2,370,891; Mar. 6.
Draft control for heaters. T. C. Cheasley. 2,388,829; Nov. 13.
Draft control, Method and apparatus for. R. R. McIntosh. 2,379,916; July 10.
Draft control, Oil burner. J. A. White. 2,385,317; Sept. 18.
Draft device. E. L. Mudgett. 2,375,318; May 8.
Draft gear. E. P. Kinne. 2,383,656; Aug. 28.
Draft mechanism for railway cars. A. Campbell. 2,390,496; Dec. 11.
Draft regulating apparatus. R. A. Walker. 2,376,211; May 15.
Draft regulator. C. A. Crooker. 2,371,677; Mar. 20.
Drafting instrument. G. S. Dolgorukov. 2,379,791; July 3.
Drafting instrument. A. Waldman. 2,371,485; Mar. 13.
Drafting machine. A. Heireth. 2,368,021; Jan. 23.
Drafting machine. L. Ketting. 2,370,971; Mar. 6.
Drafting machine. L. Ketting. 2,374,020; Apr. 17.
Drafting machine. L. Ketting. 2,377,429; June 5.
Drafting machine. C. W. Keuffel, H. Wiedemann, and A. F. Shields. 2,377,428; June 5.
Drafting machine, Desk type. L. G. Webster. 2,366,225; Jan. 2.
Drafting mechanism for textile fibers. J. Noguera. 2,381,983; Aug. 14.
Drafting mechanism for textile fibers. J. Noguera. 2,388,760; Nov. 13.
Dragline apparatus. D. R. Moon. 2,377,802; June 5.
Dragline control. W. R. Harding and L. G. Opel. 2,380,431; July 31.
Drain and plug, Lifeboat. V. C. Farrell. 2,367,718; Jan. 23.
Drain board. H. N. and T. E. Wheeler. 2,367,321; Jan. 16.
Drain, Condensation. W. Queirold. 2,382,579; Aug. 14.
Drain device for sinks, basins, etc. R. W. Sherburne. 2,376,729; May 22.
Drain mechanism. P. E. Geldhof and L. Ringer. 2,391,561; Dec. 25.
Drain pipe cleaning gun. J. K. Lawton. 2,386,870; Oct. 16.
Drain structure. P. E. Knudsen and L. G. Diera. 2,381,500; Aug. 7.
Drain valve. J. C. Shaw and E. H. Kidd. 2,379,995; July 10.
Drainage means for floating tank roofs. J. H. Wiggins. 2,390,141; Dec. 4.
Drainer construction. J. C. Trindl. 2,390,753; Dec. 11.
Drapery, curtain, and similar hangings. K. A. Sidén. 2,366,986; Jan. 9.
Draw arrangement for refrigerators. G. H. Clare. 2,376,032; May 15.
Drawbar for harrows. B. Landen. 2,377,945; June 12.

Drawbench. E. J. McIlvried and N. H. Nye. 2,367,793; Jan. 23.
Drawbench arm mechanism. W. E. Kerr. 2,369,467; Feb. 13.
Drawbench dog. G. Hackett. 2,367,941; Jan. 23.
Drawstring fastener. J. H. Talbott and W. R. Christensen. 2,388,717; Nov. 13.
Drawstring for trouser legs. J. De Grazia. 2,390,077; Dec. 4.
Drawer. F. F. Loeb and J. E. Bales. 2,384,842; Sept. 18.
Drawer construction. P. T. Frankl. 2,377,929; June 12.
Drawer for vertical filing cabinets, Swing front face. A. H. Liesken. 2,388,922; Nov. 13.
Drawer guide. C. F. Wolters and N. Y. Andersen. 2,382,363; Aug. 14.
Drawer lock. W. C. Mayer. 2,368,859; Feb. 6.
Drawer slide and latch construction. S. C. Holston. 2,372,951; Apr. 3.
Drawer suspension. C. W. Straubel. 2,386,757; Oct. 16.
Drawing. K. H. Dihn and L. C. Crewe. 2,390,644; Dec. 11.
Drawing die. F. E. Teachout. 2,377,191; May 29.
Drawing holes in carbide die nibs, Forming. E. W. Engle. 2,385,198; Sept. 18.
Drawing instrument. A. W. Keuffel and R. Straub. 2,366,449; Jan. 2.
Drawing instrument. W. H. Schneider. 2,390,466; Dec. 4.
Drawing mechanism for spinning and roving frames. J. Rabasa. 2,381,856; Aug. 7.
Drawing spacer, Multiple. J. H. Scott. 2,382,029; Aug. 14.
Drawing surface. G. F. Nadeau, E. H. Hilborn, and C. S. Hunter. 2,386,626; Oct. 9.
Drawing wires. J. T. Ferenci. 2,383,118; Aug. 21.
Dredge, Clam. J. W. Daniels. 2,386,295; Oct. 9.
Dress form, Adjustable. F. S. Sander. 2,367,891; Jan. 23.
Dress form and hanger. L. Kahn. 2,366,533; Jan. 2.
Dress-form, Individual. D. G. Patten. 2,376,553; May 22.
Dress shield and crossed-tape support. E. Harpootlian. 2,389,776; Nov. 27.
Dresser compensating mechanism for grinding machines. A. F. Markus. 2,388,065–7; Oct. 30.
Dresser, Wheel contour. W. H. Hahir. 2,380,693; July 31.
Dressing apparatus for formed grinding wheels and the like. E. W. Miller. 2,372,597; Mar. 27.
Dressing mechanism. L. O. Carlsen. 2,378,980; June 26.
Dressing mechanism. M. H. Johanson. 2,373,187; Apr. 10.
Dressing mechanism. E. Wildhaber. 2,381,150; Aug. 7.
Dressing tool holder. D. R. Norris and C. M. Greening. 2,372,732; Apr. 3.
Dressing with bandages, Cool wet. M. Seng. 2,390,184; Dec. 4.
Drier: *See*—
Collapsible clothes drier.
Continuous drier.
Electric drier.
Fingernail drier.
Lens drill.
Nail polish drier.
Roller drier.
Rotary drier.
Sweater drier.
Tenter drier.
Web drier.
Well cabinet clothes drier.
Drier. J. R. French. 2,384,990; Sept. 18.
Drier. A. P. Munning and W. J. Winward. 2,376,174; May 15.
Drier. C. E. Morgenstern. 2,372,790; Apr. 3.
Drier. J. O. Ross and J. F. Gschwind. 2,391,195; Dec. 18.
Drier and dehydrator, Hair. W. D. Nicol. 2,367,601; Jan. 16.
Drier and method of drying. L. M. O'Neill. 2,369,366; Feb. 13.
Drier control system. R. E. Olson. 2,366,801; Jan. 9.
Drier felt. J. R. L. Santos. 2,367,438; Jan. 16.
Drier for gas-cooling systems. C. C. Sterrett. 2,372,135; Mar. 20.
Drier for photographic material. E. F. Tetzlaff and H. L. Fitch. 2,376,207; May 15.
Drift corrector. P. F. Bechberger and P. A. Noxon. 2,384,004; Sept. 4.
Drift indicator. O. E. Esval and W. Wrigley. 2,379,894; July 10.
Drill: *See*—
Abrasive tube drill.
Countersinking drill.
Grain drill.
Portable electric drill.
Rivet drill.
Drill. R. W. Andreasson. 2,370,706; Mar. 6.
Drill. J. S. Denison. 2,391,396; Dec. 25.
Drill. H. J. Esdale. 2,389,188; Nov. 20.
Drill. C. W. Kinnear. 2,380,112; July 10.
Drill aligning adapter attachment for liners and other rock drills. C. D. Nelson. 2,389,532; Nov. 20.
Drill and bit, Mining. S. L. Stogsdill. 2,372,612; Mar. 27.
Drill and chuck therefor, Rail. H. H. Talboys and H. E. Erickson. 2,376,524; May 22.
Drill and reamer, Combined. T. W. Ferries. 2,369,120; Feb. 13.
Drill bit. E. B. Williams, Jr. 2,371,489; Mar. 13.
Drill bit. E. B. Williams, Jr. 2,381,415; Aug. 7.
Drill bit (detachable). G. Coplen. 2,367,458; Jan. 16.
Drill bit support. R. M. Ringler. 2,380,330; July 10.
Drill bits, Manufacture of detachable. E. H. Dickenson. 2,387,983; Oct. 30.
Drill grinding device. W. R. Coyne. 2,371,676; Mar. 20.
Drill mechanism. W. W. Paget. 2,383,499; Aug. 28.
Drill pipe protector. J. M. Grant. 2,368,415; Jan. 30.
Drill pipe protector. W. G. L. Smith. 2,378,738; June 19.
Drill press attachment. J. K. Meir and D. G. Derrick. 2,377,259; May 29.
Drill spindle driving mechanism. W. G. Hoelscher. 2,384,744–5; Sept. 11.
Drilled and tapped parts such as hexagon and other nuts, Manufacture of small. N. Hall. 2,371,440; Mar. 13.
Drilling and countersinking tool. L. A. Smith. 2,390,744; Dec. 11.
Drilling apparatus. C. G. Eden. 2,380,736; July 31.
Drilling apparatus. F. Miller. 2,376,974; May 29.
Drilling apparatus. M. G. Wright. 2,388,720; Nov. 13.
Drilling bit. J. A. Zublin. 2,367,637; Jan. 16.
Drilling bit, Removable. C. C. Koeln. Re. 22,690; Nov. 6.
Drilling device. D. M. Morgenstern. 2,379,028; June 26.
Drilling, Diamond. J. Kurtz, J. D. Waldie, and J. Spina. 2,377,159; May 29.
Drilling fluids. W. W. Robinson, Jr. 2,369,407; Feb. 13.
Drilling implement. R. D. Zimmerman. 2,368,512; Jan. 30.
Drilling machine. W. B. Burke. 2,390,420; Dec. 4.
Drilling machine. A. B. MacNeill. 2,388,362; Nov. 6.
Drilling machine. E. A. Oakes. 2,372,287; Mar. 27.
Drilling machine. H. J. Willmott. 2,379,944; July 10.
Drilling machine, Diamond die. H. G. Hanemann. 2,388,610; Nov. 6.
Drilling machine, Multiple. I. F. Churchill. 2,381,039; Aug. 7.
Drilling mud and process, Well. E. P. Partridge. 2,379,100; June 26.
Drilling muds. R. B. Booth. 2,375,616; May 8.
Drilling weight control system. W. S. Crake. 2,371,953; Mar. 20.
Drills, Attachment for. G. D. Porter and H. B. Whittington. 2,379,182; June 26.
Drink dispenser. T. B. Chace. 2,383,771; Aug. 28.
Drinking tube holder. G. E. Roux. 2,378,660; June 19.
Drip timing device. J. A. Lundeen. 2,375,375; May 8.
Drive and clutch assembly, Two speed. L. Ringer. 2,377,575; June 5.
Drive assembly for trucks, Four wheel. S. P. Stephen. 2,367,151; Jan. 9.
Drive control for textile machinery. J. C. Bodansky and E. K. Whitener. 2,384,879; Sept. 18.
Drive control, Variable. W. P. Lear. 2,385,630; Sept. 25.
Drive device, Rotary. E. J. Regan. 2,375,038; May 1.
Drive fastener. F. L. Davis. 2,391,298; Dec. 18.
Drive for bicycles, Chainless. C. L. Hussey. 2,378,634; June 19.
Drive for cutting tools, Simplified. J. R. Nereaux. 2,379,984; July 10.
Drive for home recorders. I. L. Stephan. 2,378,509; June 19.
Drive for magnetic recorders, Constant speed. M. Camras. 2,372,810; Apr. 3.
Drive for oscillating grinders. R. S. Pyne and E. A. Allen. 2,381,687; Aug. 7.
Drive for paper manufacturing machines. A. Vanden Bergh. 2,387,421; Oct. 23.
Drive for valves and the like. H. E. Hodgson and C. W. Kuhn. 2,391,418; Dec. 25.
Drive for vehicles. C. F. Ball. 2,380,012; July 10.
Drive mechanism. W. R. Griswold. 2,366,253; Jan. 2.
Drive mechanism. P. Haig. 2,366,523; Jan. 2.
Drive mechanism, Convertible wheel endless. C. D. Grove. 2,389,308; Nov. 20.
Drive mechanism, Conveyer belt. H. E. Kleintop. 2,386,558; Oct. 9.
Drive mechanism, Damped. A. M. Wahl. 2,381,325; Aug. 7.
Drive mechanism, Fluid. H. J. Murray. 2,386,258; Oct. 9.
Drive mechanism for vehicles, Mechanical. Z. Hollos. 2,384,092; Sept. 4.
Drive mechanism, Milling machine. R. K. Le Blond and H. C. Kemper. 2,389,627; Nov. 27.
Drive mechanism, Two-speed. M. P. Holmes. 2,390,589; Dec. 11.
Drive mechanism, Variable speed. J. B. Armitage. 2,382,935; Aug. 14.
Drive mechanism, Wabbler. F. C. Howard. 2,387,908; Oct. 30.
Drive roll assembly. C. F. Greiner and J. F. Harrison. 2,386,946; Oct. 16.
Drive unit, Locomotive. W. A. Brecht and F. L. Alben. 2,381,255; Aug. 7.
Drive unit, Machine tool. W. C. Heath. 2,366,527; Jan. 2.
Driver for socketed screws. W. A. Purtell. 2,369,852; Feb. 20.
Driver, Sheeting. A. Feucht. 2,384,989; Sept. 18.
Driving and control mechanism. A. F. Bennett, A. L. Krause, and H. W. Jacobson. 2,370,222; Feb. 27.
Driving and testing mechanism, Stud. W. B. Bronander. 2,379,878; July 10.

Driving arm mechanism. C. R. Sacchini. 2,376,012; May 15.
Driving arrangement for thread guides particularly for cop winding machines. A. Brugger. 2,381,570; Aug. 7.
Driving device for machine dogs, Vibration absorption. J. C. Wilcox. 2,390,976; Dec. 11.
Driving dog for grinders and the like. C. A. Baker. 2,380,381; July 31.
Driving equipment for cycles and cycles provided therewith, Removable. P. Verots and G. Marquet. 2,375,508; May 8.
Driving means for roller electrodes and the like. J. D. Keller. 2,373,314; Apr. 10.
Driving mechanism. H. F. Hanson. 2,384,996; Sept. 18.
Driving mechanism. W. J. Morrill. 2,388,699–700; Nov. 13.
Driving mechanism, Drill spindle. W. G. Hoelscher. 2,382,719; Aug. 14.
Driving mechanism for cash registers. R. Burali. 2,372,659; Apr. 3.
Driving mechanism for phonograph turntables. J. H. Pressley. 2,386,503; Oct. 9.
Driving mechanism for pneumatic actions, Record. G. W. Carlson. 2,377,323; June 5.
Driving mechanism for returning the roller of typewriters. I. G. H. Von Kraemer. 2,378,520; June 19.
Driving mechanism for speed indicators. F. D. Welden. 2,377,284; May 29.
Driving mechanism for vehicles. C. S. Watt. 2,383,754; Aug. 28.
Driving mechanism, Step-by-step. J. M. Dodds and G. J. Scoles. 2,378,987; June 26.
Driving mechanism, Two-speed. J. A. Lawler and S. K. Hoffman. 2,386,220; Oct. 9.
Driving system, Air propeller. R. Prause and L. Schmid. 2,378,580; June 19.
Driving system, Selective. W. P. Lear. 2,370,976; Mar. 6.
Driving unit, Power. F. W. Slack and M. L. Carpentier. 2,378,589; June 19.
Droppable fuel tank. F. A. Weber and H. H. Gregg. 2,381,402; Aug. 7.
Drug extracts, Increasing the efficiency of insect destroying. J. Komeda. 2,376,702; May 22.
Drum assembly for pumping units. J. G. Gillespie. 2,370,029; Feb. 20.
Drum beating toy. E. Nudelman. 2,376,615; May 22.
Drum, Brake. C. Hollerith. 2,366,262; Jan. 2.
Drum brake for use in general engineering. L. Burgerstein. 2,389,953; Nov. 27.
Drum chimes and heads, Making and attaching. W. I. Hanrahan. 2,386,311; Oct. 9.
Drum for motor vehicles, Cable. R. E. Hans. 2,377,881; June 12.
Drum operating mechanism, Pattern. J. Wawzonek. 2,382,757; Aug. 14.
Drum, particularly for winding machines, Thread traverse. W. Siegenthaler. 2,370,923; Mar. 6.
Drum, Sanding. J. P. Elliott. 2,391,449; Dec. 25.
Drum, Strand engaging. D. D. Symmes. 2,389,878; Nov. 27.
Dry cells, Reconditioning. R. N. Eubank. 2,369,033; Feb. 6.
Dry chemical feeder. G. M. Booth and J. S. Ballard. 2,381,802; Aug. 7.
Dry dock and pumping apparatus, Floating. F. R. Harris. 2,379,902; July 10.
Drydock, Floating. C. A. D. Bayley. 2,375,762; May 15.
Dry dock, Floating. J. S. Crandall. 2,379,685; July 3.
Dry dock, Shock-absorbing floating. F. R. Harris. 2,390,300; Dec. 4.
Dry dock, Shock preventing floating. F. R. Harris. 2,387,844; Oct. 30.
Dry-shaving apparatus. V. and W. Kobler. 2,379,969; July 10.
Dry size. F. L. Chappell, Jr. 2,386,033; Oct. 2.
Drying. V. C. Patterson. 2,389,452; Nov. 20.
Drying agents or desiccants. L. McCulloch. 2,389,380; Nov. 20.
Drying and calcining furnace. R. H. Abbott and T. A. Dickson. 2,390,675; Dec. 11.
Drying and conditioning apparatus. B. M. Jones. 2,373,896; Apr. 17.
Drying apparatus. B. R. Andrews. 2,389,586; Nov. 27.
Drying apparatus. B. R. Andrews. 2,391,764; Dec. 25.
Drying apparatus. R. L. Hooper. 2,385,809; Oct. 2.
Drying apparatus for cylinder heads. F. C. Arey and D. E. Hibner. 2,374,968; May 1.
Drying compositions, Wrinkle finish. F. E. Drummond and W. A. Waldie. 2,373,177; Apr. 10.
Drying device. R. Sardeson. 2,369,803; Feb. 20.
Drying lumber, Method and apparatus for. H. J. Luth and S. R. Krupnick. 2,387,595; Oct. 23.
Drying machine, Sock and stocking. E. F. Wesley. 2,370,432; Feb. 27.
Drying of materials. J. D. Porsche and G. Josh. 2,374,455; Apr. 24.
Drying oils, varnishes, and lacquers, Production of water dispersions of. P. Stamberger. 2,391,041; Dec. 18.
Dual brake. C. J. Whitacre. 2,382,927; Aug. 14.
Dual engine vehicle. B. W. Keese and A. J. Hazen. 2,384,470; Sept. 11.
Dual ignition system. R. F. Horton. 2,367,023; Jan. 9.
Dual production device. W. E. Lynd. 2,370,476; Feb. 27.
Dual release mechanism. F. Smith. 2,384,651; Sept. 11.
Dual-rotation test drive. T. C. Jackson. 2,374,207; Apr. 24.
Dual wheel assembly. C. S. Ash. 2,367,748; Jan. 23.
Dual wheel brake. C. S. Ash. 2,372,047; Mar. 20.
Dual wheeled vehicle. C. S. Ash. 2,386,030; Oct. 2.
Duct system. F. W. Foisy. 2,379,632; July 3.
Ducts, Fireproofing grease. A. Bartel. 2,367,918; Jan. 23.
Dumb-waiter system, Multiple-car. L. H. Kiesling. 2,370,546; Feb. 27.
Dump control, Scraper. R. B. Laird. 2,389,199; Nov. 20.
Dump, Wagon. O. L. Owens. 2,373,848; Apr. 17.
Dumper, Car. R. W. Crist. 2,381,723; Aug. 7.
Dumping apparatus. J. H. Fletcher. 2,384,904; Sept. 18.
Dumping vehicle. P. C. Nilles. 2,367,425; Jan. 16.
Duplex balance indicator. A. F. Connery. 2,379,866; July 10.
Duplex elastic seal. J. Mercier. 2,386,873; Oct. 16.
Duplex machine for simultaneously machining two members. J. W. Howlett. 2,369,461; Feb. 13.
Duplex reversible toolholder. J. Lipani. 2,385,010; Sept. 18.
Duplex vibration absorption mount. C. S. Robinson. 2,368,727; Feb. 6.
Duplicating and printing machine, Combined. J. D. Tyler. 2,366,884; Jan. 9.
Duplicating apparatus. E. Wilderson. 2,380,004; July 10.
Duplicating form, Screen type transfer agent. J. R. Kendig. 2,381,170; Aug. 7.
Duplicating machine. C. H. Bradt. 2,387,739–40; Oct. 30.
Duplicating machine. F. R. Ford. 2,380,744; July 31.
Duplicating machine. R. R. Rockhill. 2,374,039; Apr. 17.
Duplication system. A. L. Erickson and R. R. Haskell. 2,368,531; Jan. 30.
Duplicator, Dual. O. E. Rosen. 2,372,604; Mar. 27.
Duplicator for machine tools. C. Johnson. 2,372,426; Mar. 27
Dust collecting apparatus. M. Litman. 2,384,688; Sept. 11.
Dust collector. H. W. Curtis. 2,372,316; Mar. 27.
Dust collector. G. H. Young. 2,375,608; May 8.
Dust collector for grinding and other machines. C. H. Antrim. 2,384,414; Sept. 4.
Dust exhausting device for surfacing wheels. H. G. Eisler. 2,383,454; Aug. 28.
Dust in the screening of dust-laden material, Controlling. W. J. Parks. 2,382,252; Aug. 14.
Dust separation, Grinding. A. L. Feild. 2,388,731; Nov. 13.
Dust separator. W. R. Appeldoorn. 2,375,203; May 8.
Dust valve mechanism. F. B. Allen. 2,368,395; Jan. 30.
Duster. V. A. Potholm. 2,391,070; Dec. 18.
Duster, Broom. P. B. Coats. 2,382,205; Aug. 14.
Duster, Flour. E. S. Tascher. 2,391,195; Dec. 4.
Dusting apparatus. D. Parker. 2,388,798; Nov. 13.
Dusting machine. C. T. Rasmussen and R. D. Griff. 2,370,914; Mar. 6.
Dye compositions containing mixed diamides of dibasic acids, Vat. R. H. Kienle and C. A. Amick. 2,371,103; Mar. 6.
Dye intermediates, Azo. V. Weinmayr. 2,378,453; June 19.
Dye intermediates comprising bis-acylacetamides. A. B. Jennings. 2,368,302; Jan. 30.
Dye intermediates, Immobile N-substituted naphthylamine. J. E. Kirby and D. W. Woodward. 2,389,575; Nov. 20.
Dyeing. C. M. Croft and W. H. Hindle. 2,380,503; July 31.
Dyeing. H. E. Millson. 2,366,347; Jan. 2.
Dyeing machine. A. J. Emerson. 2,380,100; July 10.
Dyeing process. R. Burns. 2,371,221; Mar. 13.
Dyeing woolen and other nitrogeneous textile material. H. J. Walter. 2,387,200; Oct. 16.
Dyes, Azo. M. L. Crossley and B. L. West. 2,386,596; Oct. 9.
Dyes, Direct blue azo. C. E. Sparks. 2,370,500; Feb. 27.
Dyes, Disazo naphthopyridine. C. S. Argyle. 2,380,488; July 31.
Dyes for wire drawing, Preparation of diamond. A. E. Jones. 2,385,137; Sept. 18.
Dyes, Intermediate for azo. W. V. Wirth and J. V. Vaughen. 2,370,339; Feb. 27.
Dyes, Producing cyanine. P. Nawiasky and R. J. Speer. 2,378,783; June 19.
Dyes, Red monazo wool. D. E. Kvalnes. 2,374,137; Apr. 17.
Dyes, Retardation of diffusion of sensitizing. E. B. Knott. 2,367,508; Jan. 16.
Dyes, Retarding diffusion of sensitizing. C. J. Staud. 2,376,202; May 15.
Dyestuff and starting material therefor, Preparation of a green. R. Bloch and I. Schnerb. 2,383,762; Aug. 28.
Dyestuff, Anthraquinone. G. W. Seymour and B. T. Pull. 2,368,682; Feb. 6.
Dyestuff derivatives of 5-amino-1,3 benzodioxole, Azo. H. Z. Lecher and J. P. Goulding. 2,387,848; Oct. 30.
Dyestuff intermediate products. H. Loleit and G. Wilmanns. 2,378,779; June 19.

Dyestuff intermediates. J. D. Kendall. 2,383,255; Aug. 21.
Dyestuff intermediates, Cyanine. J. D. Kendall, H. G. Suggate, and H. W. Wood. 2,368,222; Jan. 30.
Dyestuff intermediates, Cyanine. J. D. Kendall, H. W. Wood and J. R. Majer. 2,372,960; Apr. 3.
Dyestuff of the anthrimide carbazole type, New vat. G. M. Smyth. 2,385,113; Sept. 18.
Dyestuffs. J. D. Kendall. 2,368,305; Jan. 30.
Dyestuffs. J. D. Kendall and D. J. Fry. 2,385,815; Oct. 2.
Dyestuffs. J. D. Kendall and J. R. Majer. 2,369,355; Feb. 13.
Dyestuffs and preparing the same, Sulphur. A. L. Fox. 2,369,668; Feb. 20.
Dyestuffs and preparing them, Polymethine. H. von Freyberg and H. Koch. 2,385,747; Sept. 25.
Dyestuffs and the improvement of the tinctorial properties of pigments, Pigment. A. Bucher. 2,378,283; June 12.
Dyestuffs and their manufacture, Azo. J. T. Thurston. 2,367,072; Jan. 9.
Dyestuffs and their manufacture, Stilbene. E. Keller. 2,385,862; Oct. 2.
Dyestuffs, Asymmetrical urea disazo. O. Kaiser. 2,375,561; May 8.
Dyestuffs, Azo. R. Fleischhauer, A. Müller, and C. T. Schultis. 2,384,419; Sept. 4.
Dyestuffs, Azo. J. H. Trepagnier. 2,373,926; Apr. 17.
Dyestuffs, Cyanine. D. J. Fry and J. D. Kendall. 2,388,963; Nov. 13.
Dyestuffs, Disazo. R. Fleischhauer and A. Muller. 2,385,698; Sept. 25.
Dyestuffs, Disazo. W. B. Reynolds, S. S. Rossander, and D. E. Kvalnes. 2,367,053; Jan. 9.
Dyestuffs fast to acid fading, Anthraquinone. G. W. Seymour and V. S. Salvin. 2,368,681; Feb. 6.
Dyestuffs for anthraquinone series and their manufacture. E. Gutzwiller. 2,377,145; May 29.
Dyestuffs, Manufacture of. N. H. Haddock. 2,368,657–8; Feb. 6.
Dyestuffs, Metallizable polyazo triazine. O. Kaiser. 2,387,997; Oct. 30.
Dyestuffs, Metallizable triazine azo. O. Kaiser. 2,391,164; Dec. 18.
Dyestuffs, Methine. W. Mueller. 2,374,880; May 1.
Dyestuffs, Mixtures of azo. F. Felix and A. Heckendorn. 2,384,734; Sept. 11.
Dyestuffs, Monoazo. B. J. Heywood, A. H. Knight, and M. Lapworth. 2,370,537; Feb. 27.
Dyestuffs, Monoazo. A. H. Knight. 2,384,749; Sept. 11.
Dyestuffs, Monoazo. A. H. Knight. 2,384,755; Sept. 11.
Dyestuffs, Monoazo. A. H. Knight and W. E. Stephen. 2,373,693; Apr. 17.
Dyestuffs, Monoazo. A. H. Knight and W. E. Stephen. 2,374,158; Apr. 17.
Dyestuffs, Monoazo. A. H. Knight and W. E. Stephen. 2,384,752–4; Sept. 11.
Dyestuffs, Monoazo. J. Scheidegger. 2,380,122; July 10.
Dyestuffs, Monoazo acid. A. H. Knight and W. E. Stephen. 2,384,750–1; Sept. 11.
Dyestuffs of the anthraquinone series. W. Dettwyler. 2,373,817; Apr. 17.
Dyestuffs of the anthraquinone series, Acid wool. R. N. Lulek and O. H. Johnson. 2,369,969; Feb. 20.
Dyestuffs of the stilbene series and making same. E. Keller and R. Zweidler. 2,368,844; Feb. 6.
Dyestuffs of the stilbene series, Azo. W. S. Eagle. 2,386,847; Oct. 16.
Dyestuffs suitable for use as indicators. W. F. Short and P. Oxley. 2,376,283; May 15.
Dyestuffs, Symmetrical diasazo. K. F. Conrad and L. F. Koberlein. 2,384,283; Sept. 4.
Dynamoelectric machine. J. C. Bell. 2,387,050; Oct. 16.
Dynamoelectric machine. F. Felix and A. C. Hugin. 2,387,062–63; Oct. 16.
Dynamoelectric machine. A. Fisher. 2,385,199; Sept. 18.
Dynamoelectric machine. N. J. Greene and M. Liwschitz-Garik. 2,370,348; Feb. 27.
Dynamoelectric machine. A. C. Lane. 2,371,962; Mar. 20.
Dynamoelectric machine. H. M. Martin. 2,374,028; Apr. 17.
Dynamoelectric machine. H. M. Martin. 2,376,441; May 22.
Dynamoelectric machine. H. M. Martin. 2,386,701; Oct. 9.
Dynamoelectric machine. T. W. Moore. 2,383,669; Aug. 28.
Dynamoelectric machine. J. E. Mulheim. 2,385,022; Sept. 18.
Dynamoelectric machine. F. J. Sigmund and W. S. Hlavin. 2,371,193; Mar. 13.
Dynamoelectric machine. M. A. Whiting. 2,385,670; Sept. 25.
Dynamoelectric machine. H. G. Wiest. 2,367,079; Jan. 9.
Dynamoelectric machine and ventilating system therefor, Direct-current. C. Lynn. 2,381,296; Aug. 7.
Dynamoelectric machine, Cooling means for. F. J. Sigmund and W. S. Hlavin. 2,390,130; Dec. 4.
Dynamoelectric machines, Controlling automatically the speed of. P. Adorjan, J. E. Nash, and E. W. Rogers. 2,366,167; Jan. 2.
Dynamometer. C. C. Bennett. 2,372,704; Apr. 3.
Dynamometer. F. A. Garrett. 2,372,420; Mar. 27.
Dynamometer. A. C. Hagg and J. Boyd. 2,389,361; Nov. 20.
Dynamometer. H. M. Martin. 2,391,024; Dec. 18.
Dynamometer. A. R. Rogowski. 2,373,262; Apr. 10.
Dynamometer test system. D. E. Garr. 2,378,766; June 19.
Dynamometer test system. J. A. Maul. 2,367,596; Jan. 16.
Dynamometer, Tiltable. H. O. Hem. 2,387,148; Oct. 16.
Earcap. W. Fiedler. 2,378,398; June 19.
Earring. L. Hoffman. 2,384,915; Sept. 18.
Earring. L. C. Mark. 2,391,635; Dec. 25.
Earring clip. M. Chernow. 2,389,295; Nov. 20.
Earring, Clip type. L. W. Hubbell. 2,377,688; June 5.
Earring, Contact. M. C. Meyer. 2,370,808; Mar. 6.
Earth boring tool. C. E. Reed. 2,369,979; Feb. 20.
Earth fault protection arrangement. J. Jonas. 2,381,668; Aug. 7.
Earth formations, Analyzing. H. F. Sturgis. 2,379,045; June 26.
Earth mover and bulldozer. E. C. Gledhill. 2,387,656; Oct. 23.
Earth-moving equipment. A. K. Brumbaugh. 2,374,410; Apr. 24.
Earth-moving machine. J. S. Burns. 2,371,502; Mar. 13.
Easel. G. C. Klick. 2,376,063; May 15.
Easel. A. M. Rossman. 2,376,452; May 22.
Easel back for pictures. R. W. Scheyer. 2,380,076; July 10.
Easel, Display. J. H. Puerner. 2,388,435; Nov. 6.
Easy opening, reclosable container. C. H. Bloedorn. 2,382,378; Aug. 14.
Eccentric type steel plate lifting clamp. J. C. Renfroe. 2,379,652; July 3.
Ecclesiastical equipment. N. V. Casson. 2,385,607; Sept. 25.
Echo effects in picture transmission systems, Method and apparatus for reducing. F. J. Bingley and W. E. Bradley. 2,386,087–8; Oct. 2.
Echo effects in picture transmission systems, Method and apparatus for reducing. D. B. Smith. 2,369,614; Feb. 13.
Echo sounding apparatus. A. M. Nicolson. 2,378,949; June 26.
Echo-sounding device with arrested indicators. P. Orlich and H. Hartz. 2,384,766; Sept. 11.
Eddy-current apparatus. M. P. Winther. 2,367,636. Jan. 16.
Edge gluing machine. O. S. Bolling. 2,373,376; Apr. 10.
Edge grinding machine, Lens. J. C. Andersen. 2,369,114; Feb. 13.
Edging machine. R. F. Taber. 2,383,896; Aug. 28.
Edible product and its production. M. L. Balzarini. 2,386,775; Oct. 16.
Editing table. J. Bolsey. 2,381,997; Aug. 14.
Educational appliance. R. J. Patterson. 2,377,100; May 29.
Educational device. L. D. Schoolfield and J. B. Timberlake. 2,369,804; Feb. 20.
Educational device, Visual. J. F. Jaros. 2,387,758; Oct. 30.
Educational test machine. A. B. Carlisle. 2,373,164; Apr. 10.
Eductor. P. Berman. 2,382,391; Aug. 14.
Egg albumen, Manufacture of water-soluble. F. F. Pollak. 2,377,961; June 12.
Egg candling apparatus. E. Bramson. 2,370,121–2; Feb. 27.
Egg cooker, Electric. J. Pelenberg. 2,372,978; Apr. 3.
Egg grading machine. J. S. Campbell, W. Brown, and G. A. Douglas. 2,381,035; Aug. 7.
Egg production of fowls, Increasing the. C. W. Turner and E. P. Reineke. 2,385,117; Sept. 18.
Egg separator. I. J. Fedje. 2,383,245; Aug. 21.
Egg separator. L. D. Mink. 2,382,737; Aug. 14.
Egg thawing. G. P. Hodson. 2,373,682; Apr. 17.
Egg washing machine. J. R. Bayles. 2,371,867; Mar. 20.
Egg whites, Treatment of. C. H. Parsons and L. D. Mink. 2,377,644; June 5.
Ejecting device, Cigarette. N. P. Courtney. 2,382,977; Aug. 21.
Ejector. R. R. Boyles and E. A. Wilhelm. 2,376,326; May 22.
Ejector. D. F. Winteringham. 2,380,714; July 31.
Ejector and guard for chuck keys. L. Jernigan. 2,388,414; Nov. 6.
Ejector, Automatic work. C. R. Moon. 2,367,515; Jan. 16.
Ejector-condenser. H. L. Murray. 2,378,425; June 19.
Ejector, Rivet. C. Offutt. 2,390,318; Dec. 4.
Elapsed time indicator. H. M. Bascom. 2,366,476; Jan. 2.
Elastic collar clasp. A. C. Patch. 2,368,724; Feb. 6.
Elastic fluid turbine diaphragms and the like, Making. H. Haigh. 2,373,558; Apr. 10.
Elastic strips in supports, Securing. E. Steccone. 2,376,098; May 15.
Elastomers, Butadiene-styrene. J. R. Vincent. 2,387,481; Oct. 23.
Elastomers from ethylene interpolymers. A. McAlevy, D. E. Strain, and F. S. Chance. 2,388,169; Oct. 30.
Elastomers, Manufacture of synthetic. J. F. Olin. 2,378,030; June 12.

Elastomers, Processing of synthetic. J. R. Vincent. 2,378,519; June 19.
Elastomers, Synthetic. J. Kamlet. 2,378,559; June 19.
Electric apparatus. E. H. Brink. 2,382,199; Aug. 14.
Electric apparatus. K. K. Paluev. 2,388,565–6; Nov. 6.
Electric apparatus. M. Unger. 2,368,503; Jan. 30.
Electric apparatus. C. M. Wheeler. 2,380,813; July 31.
Electric apparatus and winding therefor. K. K. Paluev. 2,368,506; Jan. 30.
Electric arc furnace. R. Nissim. 2,368,998; Feb. 6.
Electric boiling plate. C. B. Backer. 2,370,767; Mar. 6.
Electric brake mechanism. J. H. Nelson and H. Servis. 2,385,459; Sept. 25.
Electric broiling device. A. C. Orkfritz. 2,374,302; Apr. 24.
Electric brushes, Method and apparatus for prolonging the life of. E. I. Shobert, II. 2,389,214; Nov. 20.
Electric cable. J. F. Barry and M. A. Logan. 2,375,272; May 8.
Electric cable. P. V. Hunter, H. J. Allcock, and R. M. Fairfield. 2,377,153; May 29.
Electric cable reel. H. R. Gross. 2,375,917; May 15.
Electric cable sheath. C. E. Bennett. 2,375,067; May 1.
Electric cable, Supporting. J. N. St. Clair. 2,390,192; Dec. 4.
Electric cable system. C. E. Bennett. 2,368,097; Jan. 30.
Electric cable system. F. J. White. 2,382,120; Aug. 14.
Electric cables, Manufacture of. R. S. Vincent. 2,374,514; Apr. 24.
Electric chucks, Fabrication of. D. F. Gotha. 2,388,737; Nov. 13.
Electric circuit. L. F. Blume. 2,374,974; May 1.
Electric circuit. S. B. Crary. 2,366,493; Jan. 2.
Electric circuit. S. Minneci. 2,381,768; Aug. 7.
Electric circuit. W. N. Olson. 2,380,865; July 31.
Electric circuit. Z. O. St. Palley. 2,374,050; Apr. 17.
Electric circuit. Z. O. St. Palley. 2,366,679; Jan. 2.
Electric circuit. J. L. Stratton. 2,378,807; June 19.
Electric circuit arrangement employing delay networks. K. W. Pfleger. 2,379,744; July 3.
Electric circuit breaker. S. B. Woolard. 2,380,817; July 31.
Electric circuit breaker, Gas blast. R. M. Bennett. 2,382,850; Aug. 14.
Electric circuit controller. A. P. Charbonneau, F. J. Russell, and E. W. Seeger. 2,376,658; May 22.
Electric circuit controller. J. M. Tyrner. 2,388,023; Oct. 30.
Electric circuit for motor vehicles. R. Linder. 2,372,438; Mar. 27.
Electric circuit interrupter. J. D. Gayer. 2,375,642; May 8.
Electric circuit interrupter. T. W. Wilcox. 2,391,759; Dec. 25.
Electric circuits. J. C. Frommer. 2,381,155; Aug. 7.
Electric clock. J. Fink and T. B. Gibbs. 2,374,987; May 1.
Electric clock system. O. H. and R. H. Dicke. 2,377,617; June 5.
Electric condenser. C. E. Maitland. 2,380,774; July 31.
Electric condenser. J. C. Quayle and W. C. Handley. 2,374,499; Apr. 24.
Electric condensers, Stabilization of. D. A. McLean. 2,391,687; Dec. 25.
Electric connector. C. S. Schroeder. 2,369,860; Feb. 20.
Electric contact. F. R. Hensel. 2,371,239; Mar. 13.
Electric contact. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,371,240; Mar. 13.
Electric contacts. E. I. Shobert, II. 2,382,338; Aug. 14.
Electric control apparatus. H. F. Elliott. 2,367,763; Jan. 23.
Electric control apparatus. H. Klemperer. 2,375,229; May 8.
Electric control circuit. M. E. Bivens. 2,390,982; Dec. 18.
Electric control circuit. B. Cooper and O. W. Livingston. 2,373,545; Apr. 10.
Electric control circuit. E. V. Kinsman. 2,372,005; Mar. 20.
Electric control circuit. O. W. Livingston. 2,366,537; Jan. 2.
Electric control circuit. O. W. Livingston. 2,373,544; Apr. 10.
Electric control circuit. O. W. Livingston. 2,385,214; Sept. 18.
Electric control circuit. D. M. Terry. 2,379,262; June 26.
Electric control for fluid operated machines, Safety. B. C. Lechler. 2,369,243; Feb. 13.
Electric control system. M. A. Edwards. 2,386,040; Oct. 2.
Electric control system. E. H. Haug. 2,388,845; Nov. 13.
Electric control system. J. R. Lindsay. 2,366,415; Jan. 2.
Electric control system. E. E. Moyer. 2,387,601; Oct. 23.
Electric control system. Z. O. St. Palley. 2,366,678; Jan. 2.
Electric control system. K. Sarafian. 2,386,981; Oct. 16.
Electric control system. P. J. Walsh. 2,368,953; Feb. 6.
Electric control system. S. Weiss. 2,387,047; Oct. 16.
Electric controller. K. Mahnke. 2,372,102; Mar. 20.
Electric controlling apparatus. G. M. Stapleton. 2,377,726; June 5.
Electric controlling system. A. Patin. 2,380,784; July 31.
Electric cooking apparatus. G. Smith. 2,386,009; Oct. 2.
Electric cord terminal. G. B. Benander. 2,371,494; Mar. 13.
Electric cribbage board. F. Satoris, Sr. 2,375,040; May 1.
Electric current converting system. J. G. Linn. 2,391,787; Dec. 25.
Electric current rectifier of the selenium type, Alternating. L. E. Thompson and A. Jenkins. 2,380,880; July 31.
Electric cutout. G. F. Lincks. 2,379,729; July 3.
Electric cutting, Subaqueous. E. Seifried. 2,387,042; Oct. 16.
Electric detonator. J. Stuart, II. 2,389,086; Nov. 13.
Electric device for signaling the position of a movable mark. M. Koulicovitch. 2,375,665; May 8.
Electric discharge apparatus. F. H. Gulliksen. 2,367,940; Jan. 23.
Electric discharge apparatus. G. E. Inman. 2,378,222; June 12.
Electric discharge device. J. Slepian and W. E. Berkey. 2,370,082; Feb. 20.
Electric discharge devices, Current-limiting control for. J. H. Campbell and J. O. Aicher. 2,368,410; Jan. 30.
Electric distribution system. L. R. Bogardus. 2,376,324; May 22.
Electric distributor ring for rotary knitting machines. M. Wachsman. 2,387,100; Oct. 16.
Electric drier. E. S. Hewitt. 2,375,920; May 15.
Electric drive and control system, Generating. T. O. Lillquist. 2,381,827; Aug. 7.
Electric engine control apparatus. C. L. Baumann, Jr. 2,381,250; Aug. 7.
Electric expansion joint. W. O. Hampton. 2,368,923; Feb. 6.
Electric flasher. P. H. Chase and J. V. O'Neill. 2,388,780; Nov. 13.
Electric follow-up mechanism. G. Olah. 2,387,174; Oct. 16.
Electric furnace. R. U. Volterra. 2,375,154; May 1.
Electric furnace water heater. W. E. Hudson. 2,377,785; June 5.
Electric gauge. R. Mestas. 2,369,909; Feb. 20.
Electric governor. H. F. Storm. 2,376,522; May 22.
Electric hammer. F. V. Rosenbrook. 2,387,771; Oct. 30.
Electric heater. T. P. Kouvallis. 2,380,180; July 10.
Electric heater. E. Van Schaack. 2,391,207; Dec. 18.
Electric heater. E. B. Williams. 2,385,121; Sept. 18.
Electric heating apparatus and heating crank case oils. J. D. Morgan and P. B. Levitt. 2,389,925; Nov. 27.
Electric heating pad. G. C. Heinrich. 2,382,312; Aug. 14.
Electric heating system. W. F. Ogden. 2,368,488; Jan. 30.
Electric heating unit. L. N. Hampton and A. H. Shangle. 2,369,045; Feb. 6.
Electric heating unit. W. R. Tuttle. 2,368,051; Jan. 23.
Electric high-frequency generator. L. Dreyfus. 2,369,287; Feb. 13.
Electric hot water heater. T. N. Hall. 2,376,537; May 22.
Electric hygrometer. G. Bouyoucos. 2,367,561; Jan. 16.
Electric ignition system for gaseous fuel burners. B. C. Douglas. 2,388,909; Nov. 13.
Electric impulse signaling system. B. M. Hadfield. 2,366,854; Jan. 9.
Electric induction apparatus. G. Camilli. 2,369,135; Feb. 13.
Electric induction apparatus. G. Camilli. 2,382,857; Aug. 14.
Electric induction apparatus. F. R. D'Entremont. 2,391,229; Dec. 18.
Electric induction apparatus. A. N. Garin. 2,374,597; Apr. 24.
Electric induction apparatus. G. D. Holmberg and L. W. Foster. 2,372,950; Apr. 3.
Electric induction furnace. M. H. Hanes. 2,385,983; Oct. 2.
Electric instrument relay. M. S. Snell. 2,373,202; Apr. 10.
Electric iron. B. G. Olving. 2,371,257; Mar. 13.
Electric iron. T. F. Saffady. 2,382,101; Aug. 14.
Electric iron. F. W. Scharf. 2,373,345; Apr. 10.
Electric iron. A. G. Thomas. 2,382,587; Aug. 14.
Electric iron hand grip. T. F. Saffady. 2,384,642; Sept. 11.
Electric lamp. G. C. Singer. 2,374,709; May 1.
Electric lamp screen. G. H. Elg. 2,383,116; Aug. 21.
Electric lantern. E. E. Drumm. 2,380,636–7; July 31.
Electric lighting device. T. E. D. Bilde. 2,368,700; Feb. 6.
Electric lighting fixture. L. J. Rozier. 2,375,589; May 8.
Electric lock. H. L. Bone. 2,387,115; Oct. 16.
Electric lock. H. K. Steiner. 2,390,815; Dec. 11.
Electric machine. V. W. Sherman and E. Gonyou. 2,372,453; Mar. 27.
Electric maneuvering board. W. H. T. Holden. 2,382,994; Aug. 21.
Electric meter. R. D. Hickok. Re. 22,623; Mar. 27.
Electric motor. J. C. Bryan. 2,391,005; Dec. 18.
Electric motor. C. Swift. 2,383,828; Aug. 28.

Electric motor construction. G. R. Coss and F. K. Comiskey. 2,372,660; Apr. 3.
Electric motor control system. H. S. Ogden. 2,378,785; June 19.
Electric motor control system. H. S. Ogden. 2,383,813; Aug. 28.
Electric motor protective system. L. P. Crosman. 2,387,646; Oct. 23.
Electric motor rotors, Making. H. E. Pancher. 2,384,489; Sept. 11.
Electric motors, Permanent magnet. S. I. Hitchcock. 2,374,998; May 1.
Electric motors, Torque controlled. E. T. Schmucker. 2,387,533; Oct. 23.
Electric nail filler. H. Harris. 2,389,665; Nov. 27.
Electric oil heating apparatus. J. D. Morgan and P. B. Levitt. 2,373,084; Apr. 3.
Electric operating means for circuit breakers. J. W. May. 2,381,302; Aug. 7.
Electric pipe forming. S. and A. Westin. 2,371,090; Mar. 6.
Electric plug. E. C. Stee. 2,390,852; Dec. 11.
Electric position indicator. F. S. Mabry. 2,370,056; Feb. 20.
Electric potential variations of triangular form, Production of. P. Nagy and M. J. Goddard. 2,369,749; Feb. 20.
Electric power cable. J. K. Webb. 2,385,558; Sept. 25.
Electric primary battery. R. W. W. Sanderson. 2,375,875; May 15.
Electric protective arrangement. C. D. Hayward. 2,374,994; May 1.
Electric protective arrangement. G. W. B. Mitchell. 2,376,074; May 15.
Electric protective device. H. T. Bussmann. 2,376,863; May 29.
Electric protective means. E. J. Schaefer. 2,369,986; Feb. 20.
Electric protective system. C. A. Petersen. 2,382,908; Aug. 14.
Electric razor casing and cord support, Combined. R. C. Wilson. 2,383,031; Aug. 21.
Electric reaction furnace. B. Berkhaus and W. Burkhardt. 2,371,278; Mar. 13.
Electric regulating and control system. L. W. Thompson. 2,366,577; Jan. 2.
Electric regulating apparatus. E. H. Haug. 2,380,521; July 31.
Electric regulator. A. H. Chilton and L. R. Nixon. 2,374,417; Apr. 24.
Electric regulator. F. Newton. 2,375,320; May 8.
Electric regulator. L. R. Nixon. 2,366,283; Jan. 2.
Electric regulator. L. R. Nixon. 2,389,321; Nov. 20.
Electric relay system. C. P. Clare. 2,368,201; Jan. 30.
Electric resistance grid. L. Satchwell. 2,391,744; Dec. 25.
Electric resistance material and producing same, Nonmetallic. K. Biefeld. 2,370,443; Feb. 27.
Electric resistor. R. H. Schmitt. 2,383,823; Aug. 28.
Electric safety water light. A. J. LeStrange and J. D. Gibson. 2,377,161; May 29.
Electric shaver. H. P. Eclov. 2,369,821; Feb. 20.
Electric shock preventer. P. A. Sosnoskie. 2,372,858; Apr. 3.
Electric signaling system. E. F. Bates. 2,367,258; Jan. 16.
Electric signaling system. E. W. Durkin. 2,377,544 June 5.
Electric soldering apparatus. G. L. Ward. 2,385,118; Sept. 18.
Electric soldering iron. F. C. Kollath. 2,366,910; Jan. 9.
Electric squib. E. J. Hanley. 2,370,159; Feb. 27.
Electric steam iron. S. Stone. 2,368,048; Jan. 23.
Electric storage cells, Manufacture of. P. D. Payne. 2,379,374; June 26.
Electric switch. E. H. Ayers and A. G. Elmendorf. 2,390,344; Dec. 4.
Electric switch. T. Birkenmaier. 2,367,090; Jan. 9.
Electric switch. H. C. Bolley and E. E. Johnson. 2,380,933; Aug. 7.
Electric switch. P. M. Christensen. 2,372,881; Apr. 3.
Electric switch. E. J. Dillman. 2,374,636; Apr. 24.
Electric switch. J. Eaton. 2,375,216; May 8.
Electric switch. R. W. Goff. 2,379,704; July 3.
Electric switch. R. W. Goff. 2,390,365; Dec. 4.
Electric switch. T. E. Graves. 2,390,145; Dec. 4.
Electric switch. W. A. Gussow. 2,385,507; Sept. 25.
Electric switch. H. C. Harrison. 2,387,017; Oct. 16.
Electric switch. P. Hutt. 2,366,530; Jan. 2.
Electric switch. P. B. Korneke. 2,383,805; Aug. 28.
Electric switch. A. W. Krieger. 2,374,868; May 1.
Electric switch. F. G. Logan. 2,378,022; June 12.
Electric switch. H. W. Lord. 2,372,965; Apr. 3.
Electric switch. O. Maseng. 2,378,648; June 19.
Electric switch. H. A. Nickell. 2,374,615; Apr. 24.
Electric switch. H. Perret. 2,382,022; Aug. 14.
Electric switch. C. A. Schaefer. 2,388,342; Nov. 6.
Electric switch. S. G. Sears. 2,385,165; Sept. 18.
Electric switch. G. M. Stapleton. 2,378,162; June 12.
Electric switch. H. E. Strang. 2,379,761; July 3.
Electric switch. H. L. Van Valkenburg. 2,381,848; Aug. 7.
Electric switch. W. H. Woods. 2,384,412; Sept. 4.
Electric switch and switch operating mechanism. C. A. Christofferson. 2,371,738; Mar. 20.
Electric switch construction. N. C. Fetter. 2,374,986; May 1.
Electric switch mechanism. R. P. Ballou and D. F. Daly. 2,370,515; Feb. 27.
Electric switch mechanism. I. E. McCabe. 2,371,455; Mar. 13.
Electric switch plug and socket indicator. L. Frank. 2,380,588; July 31.
Electric switching system. J. F. McKenney. 2,391,256; Dec. 18.
Electric system. T. M. Ferrill, Jr. 2,370,724; Mar. 6.
Electric systems, Protection of. C. D. Hayward. 2,384,375; Sept. 4.
Electric tank heater. C. M. Osterheld. 2,367,368–9; Jan. 16.
Electric tank heater. C. M. Osterheld. 2,368,772; Feb. 6.
Electric time delay relay. E. V. Kinsman. 2,368,477; Jan. 30.
Electric toaster. R. Barker. 2,368,440; Jan. 30.
Electric torch which floats lamp uppermost in water. C. W. Saunders. 2,381,520; Aug. 7.
Electric traction and control system, Generating. T. O. Lillquist. 2,371,833; Mar. 20.
Electric traction-motor. R. H. Wagner and E. O. Mueller. 2,381,324; Aug. 7.
Electric transformer. A. N. Garin. 2,369,038; Feb. 6.
Electric translating apparatus. O. Kiltie. 2,372,966; Apr. 3.
Electric translating apparatus and control equipment therefor. M. M. Morack. 2,388,072; Oct. 30.
Electric translating system. W. H. Unger. 2,368,052; Jan. 23.
Electric tube. U. Funaroff. 2,367,570; Jan. 16.
Electric turret traverse. C. R. Hanna, S. Mikina, and L. B. Lynn. 2,385,203; Sept. 18.
Electric vacuum switch. W. L. Jones, Jr. 2,383,973; Sept. 4.
Electric valve circuit. M. E. Bivens. 2,370,287; Feb. 27.
Electric valve circuit. O. W. Livingston. 2,370,178; Feb. 27.
Electric valve circuit. A. Schmidt, Jr. 2,366,561; Jan. 2.
Electric valve control system. I. K. Dortort. 2,373,297; Apr. 10.
Electric valve control system. O. W. Livingston. 2,371,056; Mar. 6.
Electric valve control system. O. W. Livingston. 2,372,964; Apr. 3.
Electric valve protective system. A. H. Mittag. 2,366,544; Jan. 2.
Electric valve protective system. H. Winograd. 2,391,812; Dec. 25.
Electric valve system. O. W. Livingston. 2,382,243; Aug. 14.
Electric valve system, Light sensitive. B. Cooper. 2,373,543; Apr. 10.
Electric valve translating apparatus, and operating the same. B. D. Bedford. 2,389,889; Nov. 27.
Electric valve translating apparatus and operation. A. H. Mittag and A. Schmidt, Jr. 2,386,068; Oct. 2.
Electric vaporizer. J. Robinson. 2,366,753; Jan. 9.
Electric vibration generator. A. M. Dudley. 2,384,987; Sept. 18.
Electric warp stop motion. O. V. Payne. 2,391,591; Dec. 25.
Electric water heater. F. E. Hummel. 2,378,772; June 19.
Electric wave filter. R. A. Sykes. 2,373,431; Apr. 10.
Electric weft detector for looms. O. V. Payne. 2,377,102; May 29.
Electric weft detector for looms. R. G. Turner. 2,391,365; Dec. 18.
Electric welding. A. Vang. 2,385,043; Sept. 18.
Electric welding apparatus. K. N. Gray. 2,374,930; May 1.
Electric welding apparatus. G. G. Landis and N. J. Hoenie. 2,383,725; Aug. 28.
Electric welding machine. N. Rekosh. 2,375,439; May 8.
Electrical apparatus. L. H. Bedford, L. Jofeh, and W. H. Stevens. 2,387,110; Oct. 16.
Electrical apparatus. C. E. Bennett. 2,388,899; Nov. 13.
Electrical apparatus. J. Burnham and J. L. Hyde. 2,387,829; Oct. 30.
Electrical apparatus. D. Conlan. 2,383,100; Aug. 21.
Electrical apparatus. S. S. Cook. 2,384,799; Sept. 18.
Electrical apparatus. A. D. Forbes. 2,372,067; Mar. 20.
Electrical apparatus. T. D. Humphreys and E. M. Dodds. 2,367,866; Jan. 23.
Electrical apparatus. E. E. Littlefield. 2,373,697; Apr. 17.
Electrical apparatus. H. E. Somes. 2,372,529; Mar. 27.
Electrical apparatus. H. O. Stephens. 2,381,782; Aug. 7.
Electrical apparatus. C. A. Stickel. 2,379,602; July 3.
Electrical apparatus. J. F. Sullivan and R. M. Bendett. 2,367,975; Jan. 23.
Electrical apparatus adapted to operate at very high frequencies. D. C. Espley and J. W. Ryde. 2,377,680; June 5.
Electrical apparatus, Rotary. W. B. Whelan. 2,388,889; Nov. 13.
Electrical appliance. A. A. McCormack. 2,389,446; Nov. 20.

Electrical assembly. R. Lowit. 2,377,164; May 29.
Electrical bus bar. L. L. Bosch. 2,376,307; May 15.
Electrical capacitors, Manufacture of. A. J. Deyrup and K. H. Ballard. 2,390,025; Nov. 27.
Electrical capacitors, Preparation of. A. J. Deyrup, K. H. Ballard, and J. J. Strickarz. 2,389,419; Nov. 20.
Electrical cell apparatus. H. C. Marks. 2,382,735; Aug. 14.
Electrical circuit. E. D. Goodale. 2,370,399; Feb. 27.
Electrical circuit. H. H. Kaveler and R. G. Piety. 2,369,238; Feb. 13.
Electrical circuit protective device. F. S. Wheeler. 2,390,819; Dec. 11.
Electrical condenser. P. Robinson. 2,373,601; Apr. 10.
Electrical condenser and dielectric element. D. A. McLean. 2,391,686; Dec. 25.
Electrical condensers, Manufacture of. D. A. McLean. 2,391,688; Dec. 25.
Electrical condensers, Manufacturing. K. W. Jarvis. 2,387,759; Oct. 30.
Electrical condensers, Mounting. D. R. Clemons. 2,390,776; Dec. 11.
Electrical conducting composition. W. H. Holst. 2,372,829; Apr. 3.
Electrical conductor. H. A. Jackson. 2,375,656; May 8.
Electrical conductor, Insulated. J. J. Keyes. 2,370,046; Feb. 20.
Electrical conductor, Insulated. G. Slayter and A. L. Simison. 2,390,039; Nov. 27.
Electrical conductor unit assemblies. J. F. O'Brien. 2,385,839; Oct. 2.
Electrical conductors, Manufacturing. H. J. Kauth. 2,382,423; Aug. 14.
Electrical conductors to glider tow ropes, Attaching. E. H. Borgelt. 2,389,132; Nov. 20.
Electrical connection. R. J. Miller. 2,386,332; Oct. 9.
Electrical connection means. F. Beal. 2,380,916; Aug. 7.
Electrical connection means. F. Beal. 2,384,273; Sept. 4.
Electrical connection means. H. L. Newell. 2,386,056; Oct. 2.
Electrical connection, Shielded. L. F. Hahn. 2,367,175; Jan. 9.
Electrical connector. J. H. Andersen. 2,384,267; Sept. 4.
Electrical connector. J. M. Andersen. 2,386,177; Oct. 9.
Electrical connector. A. Anderson. 2,389,115; Nov. 20.
Electrical connector. G. B. Benander. 2,374,971; May 1.
Electrical connector. G. B. Benander. 2,389,455; Nov. 20.
Electrical connector. H. E. Brunelle, Jr. 2,385,191; Sept. 18.
Electrical connector. S. N. Buchanan. 2,379,567; July 3.
Electrical connector. S. N. Buchanan. 2,383,909; Aug. 28.
Electrical connector. V. E. Carlson. 2,374,413; Apr. 24.
Electrical connector. V. E. Carlson. 2,385,792; Oct. 2.
Electrical connector. H. Jensen. 2,371,446; Mar. 13.
Electrical connector. J. Malczweski. 2,369,590; Feb. 13.
Electrical connector. DeW. D. Merrick. 2,373,841; Apr. 17.
Electrical connector. S. Picard. 2,389,454; Nov. 20.
Electrical connector. C. R. Pieper. 2,382,095; Aug. 14.
Electrical connector. I. M. Schey, Jr. 2,377,187; May 29.
Electrical connector. A. J. Schmitt. 2,371,551; Mar. 13.
Electrical connector. L. L. Stoffel and A. A. Stark. 2,389,467; Nov. 20.
Electrical connector. H. B. White. 2,383,926; Aug. 28.
Electrical contact. E. I. Larsen, V. E. Heil, and E. F. Swazy. 2,390,595; Dec. 11.
Electrical contact device. C. A. Woodward. 2,369,630; Feb. 13.
Electrical contact element. C. W. Keitel. 2,379,641; July 3.
Electrical contact element. R. H. Savage. 2,387,614; Oct. 23.
Electrical contact point, Revolving. A. K. Wihanto. 2,387,961; Oct. 30.
Electrical contactor for wire or sheets. H. H. Francisco. 2,366,509; Jan. 2.
Electrical control means, Automatic. A. Patin. 2,383,942; Sept. 4.
Electrical control system. J. R. Albers. 2,386,921; Oct. 16.
Electrical control system. E. S. Bristol. 2,371,732; Mar. 20.
Electrical control system. C. E. Kew. Re. 22,588; Jan. 9.
Electrical control system. H. Klemperer. 2,366,197; Jan. 2.
Electrical control system. L. Z. La Forest. 2,372,435; Mar. 27.
Electrical control system. G. H. Pardey and C. L. Johnson. 2,377,365; June 5.
Electrical control system. H. C. Roters. 2,390,463; Dec. 4.
Electrical control system. R. H. Smith, L. E. Miller, and L. M. Dunning. 2,378,444; June 19.
Electrical controlling apparatus. P. H. Crago. 2,388,956; Nov. 13.
Electrical cooking apparatus. J. W. Myers. 2,387,460; Oct. 23.
Electrical coupling network. H. E. Thomas. 2,390,474; Dec. 4.
Electrical cutout. C. A. Fox. 2,376,996; May 29.
Electrical damping apparatus for weighing scales. R. T. Pounds. 2,366,286; Jan. 2.
Electrical deep well reciprocating pump assembly. A. Arutunoff. 2,377,743; June 5.
Electrical determination or control of chlorine in liquids. H. C. Marks. 2,382,734; Aug. 14.
Electrical device. C. T. Baxter. 2,385,340; Sept. 25.
Electrical device. A. G. Bugler and H. P. Heath. 2,388,667; Nov. 13.
Electrical device. H. I. Danziger. 2,377,213; May 29.
Electrical device. C. M. Rifenbergh. 2,391,038; Dec. 18.
Electrical device. C. W. Warwick. 2,385,665; Sept. 25.
Electrical distribution system. W. H. and R. L. Frank and L. E. Fisher. 2,372,267; Mar. 27.
Electrical distribution system. F. D. Johnson. 2,376,774; May 22.
Electrical distribution system. J. S. Parsons. 2,390,810; Dec. 11.
Electrical dust-precipitator system and interchangeable parts therefor. E. H. R. Pegg and I. R. Cummings. 2,380,992; Aug. 7.
Electrical energy conversion. H. J. Tyzzer. 2,389,472; Nov. 20.
Electrical fence charging apparatus. N. F. Agnew and W. P. Place. 2,375,458; May 8.
Electrical filter. H. L. Hartzell. 2,388,054; Oct. 30.
Electrical filter. W. M. Robinson. 2,383,890; Aug. 28.
Electrical fire preventing system for aircraft. A. Mathisen. 2,385,825; Oct. 2.
Electrical fixtures for use with filament gaseous lamps or the like. G. G. Ellner. 2,375,354; May 8.
Electrical fuse device. C. L. Schuck. 2,382,265; Aug. 14.
Electrical heating apparatus. W. M. Witty. 2,385,904; Oct. 2.
Electrical heating device or element. A. Shelby and C. F. Hilgeman. 2,371,475; Mar. 13.
Electrical heating element. G. Lewin; 2,372,212; Mar. 27.
Electrical heating element and producing the same. E. L. Wiegand. 2,375,058; May 1.
Electrical heating method. H. C. Gillespie. 2,370,624; Mar. 6.
Electrical heating of articles made of glass or other vitreous material. M. Descarsin. 2,385,567; Sept. 25.
Electrical impulse counting circuits. S. B. Ingram. 2,384,379; Sept. 4.
Electrical indicating instrument. R. A. Ammon. 2,388,897; Nov. 13.
Electrical induction apparatus. H. O. Stephens. 2,374,049; Apr. 17.
Electrical instrument. J. R. Keeling, Jr. 2,371,395; Mar. 13.
Electrical instrument. F. X. Lamb. 2,384,316; Sept. 4.
Electrical instrument and system. F. J. Lingel. 2,391,058; Dec. 18.
Electrical instrument mounting. J. F. Chapman and K. Riesz. 2,388,675; Nov. 13.
Electrical insulating material. C. G. Harford. 2,381,163; Aug. 7.
Electrical insulating material. J. F. Morley. 2,382,498; Aug. 14.
Electrical insulation. W. N. Stoops, C. E. Staff, and H. F. Wakefield. 2,375,960; May 15.
Electrical jack. H. M. McCoy. 2,366,739; Jan. 9.
Electrical logging. C. B. Aiken. 2,390,409; Dec. 4.
Electrical logging apparatus. G. G. Harrington. 2,388,141; Oct. 30.
Electrical machine. T. W. Vickers. 2,378,668–9; June 19.
Electrical mathematical educational appliance. A. H. Thomas. 2,389,394; Nov. 20.
Electrical measuring apparatus. E. O. Schweitzer, Jr. 2,375,591; May 8.
Electrical measuring device. A. J. Petzinger. 2,390,811; Dec. 11.
Electrical measuring device. F. C. Rushing. 2,367,965; Jan. 23.
Electrical measuring device. B. H. Smith. 2,372,127; Mar. 20.
Electrical measuring instrument. H. F. Bush and R. C. Hitchcock. 2,367,926; Jan. 23.
Electrical measuring instrument. F. E. Hiller. 2,382,315; Aug. 14.
Electrical measuring instrument. B. E. Lenehan. 2,367,950; Jan. 23.
Electrical measuring instrument. V. S. Thomander. 2,389,393; Nov. 20.
Electrical measuring instrument. D. A. Young and V. S. Thomander. 2,381,329; Aug. 7.
Electrical measuring system. A. Carson and I. Payne. 2,383,770; Aug. 28.
Electrical measuring system. A. J. Williams, Jr. 2,367,746; Jan. 23.
Electrical mechanism and wiring circuits therefor. C. E. Armstrong. 2,379,856; July 10.
Electrical method and apparatus for logging boreholes. C. B. Aiken. 2,388,896; Nov. 13.
Electrical method of and apparatus for the analysis or identification of gases, vapors and the like. L. T. Winkler. 2,387,550; Oct. 23.
Electrical musical apparatus. J. M. Hanert. 2,382,413; Aug. 14.
Electrical perforation of paper and other fabrics. J. W. Meaker. 2,372,508; Mar. 27.
Electrical precipitation. J. F. Chittum. 2,381,879; Aug. 14.

Electrical precipitation. H. J. White. 2,383,030; Aug. 21.
Electrical precipitation apparatus. C. W. Jacob. 2,381,455; Aug. 7.
Electrical precipitation apparatus. H. J. White. 2,369,877; Feb. 20.
Electrical prospecting. H. C. Hayes. 2,368,217–8; Jan. 30.
Electrical prospecting method and apparatus. J. W. Millington. 2,376,610; May 22.
Electrical prospecting system. H. M. Evjen. 2,375,775–7; May 15.
Electrical protective system. H. A. Travers and A. J. A. Peterson. 2,374,054; Apr. 17.
Electrical ratio meter. K. J. Knudsen. 2,391,168; Dec. 18.
Electrical relay. H. G. Blosser. 2,374,727; May 1.
Electrical relay. A. E. Dodd. 2,387,127; Oct. 16.
Electrical relay. J. F. Ebert. 2,391,400; Dec. 25.
Electrical relay device. W. F. F. Marton-Hurst. 2,373,587; Apr. 10.
Electrical relay system. E. L. Harder. 2,381,281; Aug. 7.
Electrical remote control. O. Stettler. 2,385,657; Sept. 25.
Electrical remote control or supervisor systems. E. M. S. McWhirter, R. H. Dunn, C. H. Chambers, and F. W. Warden. 2,369,678; Feb. 20.
Electrical remote-reading position-indicating apparatus. A. G. Conrad. 2,379,417; July 3.
Electrical resistance alloys. H. S. Cooper. 2,387,980; Oct. 30.
Electrical resistance element. R. R. Barrington. 2,371,211; Mar. 13.
Electrical resistance element. H. T. Heimberger. 2,366,905; Jan. 9.
Electrical resistance of conducting sheets, Determining the surface. R. A. McConnell. 2,371,636; Mar. 20.
Electrical resistors. A. Chanosky. 2,376,757; May 22.
Electrical silicon steel. M. H. Pakkala. 2,378,321; June 12.
Electrical stethoscope. B. Minsky. 2,385,221; Sept. 18.
Electrical strain gauge. V. S. Harrison. 2,388,966; Nov. 13.
Electrical switch. C. A. Fox. 2,367,391; Jan. 16.
Electrical switch. H. Goodman and R. M. Wolfe. 2,373,557; Apr. 10.
Electrical switch. E. M. Irwin, G. E. Lewis, R. H. Duval, B. H. Rule, and R. M. Chenoweth. 2,369,296; Feb. 13.
Electrical switch. A. L. Salter. 2,378,582; June 19.
Electrical switch. W. R. Young. 2,384,985; Sept. 18.
Electrical switching means. H. J. McCarthy. 2,382,646; Aug. 14.
Electrical system. J. J. Kennedy. Re. 22,643; May 22.
Electrical system. L. R. Ludwig and R. C. Bergvall. 2,383,327; Aug. 21.
Electrical system. D. E. Sunstein. 2,389,564; Nov. 20.
Electrical telemetering system. F. J. Lingel. 2,391,057; Dec. 18.
Electrical terminal. A. L. Becket. 2,372,653; Apr. 3.
Electrical terminal. K. A. Brainard. 2,380,936; Aug. 7.
Electrical terminal. A. G. Kalstein. 2,368,548; Jan. 30.
Electrical testing. F. D. Johnson. 2,376,775; May 22.
Electrical testing equipment. C. M. Horham. 2,366,789; Jan. 9.
Electrical time delay line. G. L. Tawney. 2,390,563; Dec. 11.
Electrical timing arrangment. C. E. P. Jones and J. W. Hotham. 2,373,247; Apr. 10.
Electrical timing circuit. W. T. Rea and J. R. Wilkerson. 2,370,685; Mar. 6.
Electrical transmission of messages. C. W. Hansell. 2,370,160; Feb. 27.
Electrical transmission testing system. H. S. Black. 2,372,759; Apr. 3.
Electrical wiring device. A. M. Geist and R. R. Winders. 2,391,409; Dec. 25.
Electrical wiring system. H. F. McLoughlin, W. E. Hill, R. W. Morgan, and T. G. Wintle. 2,382,647; Aug. 14.
Electrically heated device. B. P. McKinley. 2,391,065; Dec. 18.
Electrically heated drum-type furnace. H. Gallusser. 2,374,742; May 1.
Electrically operated cutoff valve. G. T. Downey. 2,370,021; Feb. 20.
Electrically operated valve. L. E. Flory. 2,374,531; Apr. 24.
Electrically separated flush valve. R. M. Nelson and J. I. Bellamy. 2,388,990; Nov. 13.
Electrically vibrated feeder. H. E. Brown and S. M. Grant. 2,385,328; Sept. 25.
Electricity conductor unit. L. G. Morten and J. P. O'Brien. 2,383,014; Aug. 21.
Electricity conductor unit. J. F. O'Brien. 2,373,331; Apr. 10.
Electricity conductor unit, Composite. J. F. O'Brien. 2,368,676; Feb. 6.
Electroaccoustic transmission plant for reproduction in places with noise disturbances. H. Baumgartner. 2,382,848; Aug. 14.
Electrode. C. P. Boucher. 2,384,007; Sept. 4.
Electrode. A. G. Rosa. 2,366,459; Jan. 2.
Electrode, Air-cooled offset tip. J. J. Wisler. 2,389,945; Nov. 27.
Electrode and making same. J. B. Brennan. 2,375,211; May 8.
Electrode and making the same. S. C. Miller. 2,379,025; June 26.
Electrode and method, Glass. H. H. Cary and W. P. Baxter. 2,383,709; Aug. 28.
Electrode assembly. E. W. Scott. 2,388,090; Oct. 30.
Electrode connection assembly, Rectifier. C. A. Kotterman. 2,386,218; Oct. 9.
Electrode construction, Spark plug. C. F. Carlson. 2,391,457; Dec. 25.
Electrode cooler for electric arc furnaces. J. R. Dubsky. 2,389,033; Nov. 13.
Electrode, Electrolytic recording. H. C. Ressler. 2,380,467; July 31.
Electrode feeding appliance. K. Klopfer. 2,380,450; July 31.
Electrode, Fluid-cooled offset tip. J. J. Wisler. 2,389,946; Nov. 27.
Electrode for cadmium-nickel storage batteries, and producing the same, Negative. A. P. Hauel. 2,366,402; Jan. 2.
Electrode for luminous tube. S. C. Miller. 2,375,808; May 15.
Electrode, Hair removing. G. A. Broyles. 2,375,194; May 8.
Electrode holder. I. J. Andersen. 2,386,080; Oct. 2.
Electrode holder. P. Barbeck. 2,371,945; Mar. 20.
Electrode holder. P. L. Bourque. 2,375,836; May 15.
Electrode holder. L. P. Dempsey. 2,367,760; Jan. 23.
Electrode holder. T. S. Donnelly. 2,373,232; Apr. 10.
Electrode holder. T. S. Donnelly, Jr. 2,387,888; Oct. 30.
Electrode holder. G. M. Fadeley. 2,389,969; Nov. 27.
Electrode holder. M. Gallo. 2,379,515; July 3.
Electrode holder. H. H. Hall. 2,367,724; Jan. 23.
Electrode holder. P. M. Hall. 2,374,284; Apr. 24.
Electrode holder. P. M. Hall. 2,390,936; Dec. 11.
Electrode holder. P. W. Heinrich. 2,384,999; Sept. 18.
Electrode holder. H. A. Jackson. 2,375,657; May 8.
Electrode holder. H. A. Jackson. 2,386,398; Oct. 9.
Electrode holder. F. J. Malnar. 2,374,825; May 1.
Electrode holder. S. W. Miller. 2,371,306; Mar. 13.
Electrode holder. R. C. Morford. 2,387,169; Oct. 16.
Electrode holder. J. E. Opgenorth. 2,372,113; Mar. 20.
Electrode holder. H. O. Quartz. 2,378,727; June 19.
Electrode holder. J. M. Radabaugh. 2,371,649; Mar. 20.
Electrode holder. F. R. Smith. 2,389,559; Nov. 20.
Electrode holder. W. E. Smith. 2,376,943; May 29.
Electrode holder. W. E. Smith. 2,389,938; Nov. 27.
Electrode holder. A. R. Stalkup. 2,377,458; June 5.
Electrode holder. H. J. Wagner. 2,389,569; Nov. 20.
Electrode, Spark gap. F. R. Hensel. 2,391,458; Dec. 25.
Electrode, Spark plug. F. R. Hensel. 2,391,456; Dec. 25.
Electrode structure. C. H. Larson. 2,384,423; Sept. 4.
Electrode structure for pH measurement and control devices. E. D. Coleman. 2,383,450; Aug. 28.
Electrode support. A. Schmidt, Jr. 2,367,966; Jan. 23.
Electrode, Welding. J. Hoeh. 2,387,905; Oct. 30.
Electrode, Welding and brazing. G. G. Richards. 2,379,187; June 26.
Electrode welding apparatus. A. W. Baird. 2,379,470; July 3.
Electrodeposition. B. C. Kathe. 2,381,911; Aug. 14.
Electrodeposition, method and apparatus. S. Ruben. 2,387,772; Oct. 30.
Electrodeposition of antimony. M. C. Bloom. 2,389,131; Nov. 20.
Electrodeposition of metals. H. Brown. 2,389,135; Nov. 20.
Electrodeposition of metals. H. Brown. 2,389,179–81; Nov. 20.
Electrodeposits, Producing. R. A. Hoffman. 2,380,044; July 10.
Electrodes, System of tubular. E. C. Thomson. 2,387,365; Oct. 23.
Electrodes, Treating. E. F. Kiefer and W. G. Krellner. 2,368,306; Jan. 30.
Electrodynamic speaker. W. H. Hutter. 2,367,026; Jan. 9.
Electrographic recording medium. R. B. Gibney. 2,367,113; Jan. 9.
Electrolysis of fused baths. R. J. McNitt. 2,390,114; Dec. 4.
Electrolyte control device with captive valve. O. O. Reiser. 2,385,029; Sept. 18.
Electrolyte for and method of anodically polishing copper. C. L. Faust. 2,366,714; Jan. 9.
Electrolyte method of preparing electrical rectifiers. P. H. Dowling and H. L. Taylor. 2,368,749; Feb. 6.
Electrolyte, Switch. E. J. Wilson, Jr. 2,387,313; Oct. 23.
Electrolytic apparatus. F. E. Drummond and D. E. Bench. 2,378,002; June 12.
Electrolytic apparatus. V. A. Rayburn. 2,370,420; Feb. 27.
Electrolytic barrel pickling and polishing. S. Tour and A. E. Howe. 2,390,282; Dec. 4.
Electrolytic cells, Operating. R. J. McNitt. 2,390,548; Dec. 11.
Electrolytic decomposing gas generator. B. Klein. 2,373,032; Apr. 3.
Electrolytic deposition of tungsten. C. G. Harford. 2,384,301; Sept. 4.
Electrolytic device. R. L. Taylor. 2,368,688; Feb. 6.

Electrolytic method for producing oxygen. M. Janes. 2,390,591; Dec. 11.
Electrolytic method of coating localized areas of articles. A. G. Russell. 2,367,314; Jan. 16.
Electrolytic process for treating a ferrous sulphate solution. E. A. Schumacher and G. W. Heise. 2,389,691; Nov. 27.
Electrolytic production of magnesium. C. M. Slansky. 2,382,450; Aug. 14.
Electrolytic protection of metal surfaces. B. G. Brolinson. 2,370,288; Feb. 27.
Electrolytic reduction of aluminum bromide. W. G. Lovell and N. E. Phillips. 2,373,320; Apr. 10.
Electrolytic smoothing of metals. R. W. Edmonson. 2,382,549; Aug. 14.
Electrolytically extracting metal. A. R. Globus. 2,385,269; Sept. 18.
Electrolyzer, Operating an. H. L. Stewart. 2,377,823; June 5.
Electromagnet and relay. H. K. Kouyoumjian. 2,377,244; May 29.
Electromagnetic apparatus. H. D. Middel. 2,388,070; Oct. 30.
Electromagnetic apparatus. G. L. Tawney. 2,381,320; Aug. 7.
Electromagnetic apparatus. M. P. Winther. 2,367,163; Jan. 9.
Electromagnetic apparatus for pipe-line surveys. C. J. Penther and F. B. Rolfson. 2,382,743; Aug. 14.
Electromagnetic apparatus, Vibratory. H. V. Harding. 2,383,382; Aug. 21.
Electromagnetic control. W. L. Smith. 2,386,149; Oct. 2.
Electromagnetic cores, Making. M. Amidon and H. E. Thornton. 2,390,863; Dec. 11.
Electromagnetic device. H. Lehde. 2,381,673; Aug. 7.
Electromagnetic device. W. A. Marrison. 2,375,017; May 1.
Electromagnetic device. W. R. Mayberry. 2,386,904; Oct. 16.
Electromagnetic device. R. D. Nelson. 2,376,613; May 22.
Electromagnetic device. G. M. Stapleton. 2,391,277; Dec. 18.
Electromagnetic devices, Making. D. G. Blattner. 2,391,222; Dec. 18.
Electromagnetic gauge. L. C. Ludbrook. 2,380,251; July 10.
Electromagnetic interrupter. E. Frydman. 2,371,986; Mar. 20.
Electromagnetic multiple-disk clutch. A. Ryba. 2,387,613; Oct. 23.
Electromagnetic operator. W. A. Ray. 2,382,664; Aug. 14.
Electromagnetic relay. G. T. Baker. 2,369,331; Feb. 13.
Electromagnetic relay. P. H. Estes. 2,391,692; Dec. 25.
Electromagnetic relay. C. O. Gibbon. 2,375,100; May 1.
Electromagnetic relay. A. Wellman. 2,379,772; July 3.
Electromagnetic wave direction indicator. A. Ganiayre and R. Hardy. 2,388,262; Nov. 6.
Electro-magnetic waves, Producing and transmitting. J. B. Fisk. 2,372,193; Mar. 27.
Electromagnetically operated device. J. O. Knowles, M. N. Humphreys, and J. S. Davies. 2,373,479; Apr. 10.
Electromagnetically operated switch. J. Eaton. 2,377,137; May 29.
Electromagnetically operated valve. W. A. Ray. 2,370,752; Mar. 6.
Electromagnetically operated valve. W. A. Ray. 2,372,853; Apr. 3.
Electro-mechanical control system for vehicles. W. Giger. 2,387,896; Oct. 30.
Electromechanical-conversion device. F. V. Hunt and J. A. Pierce. 2,369,676; Feb. 20.
Electron beam rotation synchronizing circuit. A. M. Skellett. 2,387,045; Oct. 16.
Electron camera tube. A. D. Hulbert. 2,369,569; Feb. 13.
Electron decelerator. R. F. Baker. 2,372,170; Mar. 27.
Electron discharge apparatus. W. A. Depp. 2,373,175; Apr. 10.
Electron discharge apparatus. J. H. Fremlin. 2,374,810; May 1.
Electron discharge device. J. G. Beard. 2,380,496; July 31.
Electron discharge device. B. C. Fleming-Williams. 2,380,225; July 10.
Electron discharge device. R. V. L. Hartley. 2,381,539; Aug. 7.
Electron discharge device. J. R. Hefele. 2,373,395–6; Apr. 10.
Electron discharge device. J. Hillier. 2,391,780; Dec. 25.
Electron discharge device. V. L. Ronci. 2,388,289; Nov. 6.
Electron discharge tube. H. J. L. Herne. 2,380,757; July 31.
Electron discharge device. H. K. Ishler. 2,372,379; Mar. 27.
Electron discharge device. J. Jonas. 2,386,400; Oct. 9.
Electron discharge device. G. R. Kilgore. 2,372,282; Mar. 27.
Electron discharge device. O. Klemperer. 2,367,130; Jan. 9.
Electron discharge device. F. B. Llewellyn. 2,367,295; Jan. 16.
Electron discharge device. F. B. Llewellyn. 2,368,031; Jan. 23.
Electron discharge device. F. J. G. van den Bosch and E. T. J. Tapp. 2,378,164; June 12.
Electron discharge device. W. W. Watrous, Jr. 2,381,632; Aug. 7.
Electron discharge device. L. C. Werner and W. A. Laning. 2,385,435; Sept. 25.
Electron discharge device. J. W. West. 2,383,925; Aug. 28.
Electron discharge device and manufacture. J. S. Donal, Jr. 2,366,319; Jan. 2.
Electron discharge device parts, Coating of. L. A. Wooten. 2,368,060; Jan. 23.
Electron discharge device, Secondary. P. W. Stutsman. 2,381,012; Aug. 7.
Electron discharge devices, Manufacture of. J. P. Laico. 2,374,546; Apr. 24.
Electron discharge tube. C. H. Sphar. 2,376,288; May 15.
Electron emitter, Secondary. W. R. Ferris. 2,390,701; Dec. 11.
Electron gun or the like. H. M. Gaun and R. K. Gessford. 2,386,790; Oct. 16.
Electron lens system. E. G. Ramberg. 2,369,796; Feb. 20.
Electron microanalyzer. J. Hillier. 2,372,422; Mar. 27.
Electron switching means and circuit. A. M. Skellett. 2,376,395; May 22.
Electron tube. W. W. Eitel and J. A. McCullough. 2,376,040; May 15.
Electron tube. W. W. Eitel and J. A. McCullough. 2,391,690; Dec. 25.
Electron tube circuits. R. H. George. 2,366,329; Jan. 2.
Electron tube circuit. O. H. Schade. 2,370,426; Feb. 27.
Electron tube structure. W. W. Eitel and J. A. McCullough. 2,385,974; Oct. 2.
Electronic amplification. C. B. Fisher. 2,379,513; July 3.
Electronic apparatus. W. C. Hahn. 2,389,903; Nov. 27.
Electronic brake control apparatus. C. M. Hines. 2,389,049; Nov. 13.
Electronic brake control apparatus. C. M. Hines. 2,389,051; Nov. 13.
Electronic brake control system. C. M. Hines. 2,389,050; Nov. 13.
Electronic cathodes, Forming layers for. G. K. Teal. 2,391,280; Dec. 18.
Electronic commutation of currents. D. Mitchell. 2,380,982; Aug. 7.
Electronic compressor control. W. S. Thompson. 2,390,856; Dec. 11.
Electronic control apparatus. W. H. Gille. 2,379,872; July 10.
Electronic control circuit. T. D. Carr. 2,369,659; Feb. 20.
Electronic control device. F. E. Lange. 2,379,873; July 10.
Electronic control for ironing or drying machinery. J. E. Preston. 2,387,292–3; Oct. 23.
Electronic control system. L. C. Poole. 2,370,071; Feb. 20.
Electronic control system. C. E. Smith. 2,374,044; Apr. 17.
Electronic device. A. Feindel. 2,377,334; June 5.
Electronic device. E. Labin. 2,372,328; Mar. 27.
Electronic device. C. H. Scullin and L. C. Werner. 2,389,277; Nov. 20.
Electronic device, circuit, and method. T. W. Cunniff. 2,374,666; May 1.
Electronic device, Ultra high frequency. E. G. Linder. 2,373,837; Apr. 17.
Electronic devices, Producing. C. Herzog. 2,391,572; Dec. 25.
Electronic exposure of photographic emulsions, Improving the. J. L. Whittaker. 2,372,465; Mar. 27.
Electronic fence circuit control. R. F. Kneisley and F. S. Hawley. 2,390,946; Dec. 11.
Electronic full cycle timing control. D. P. Faulk. 2,389,351; Nov. 20.
Electronic microscope. E. Ruska, H. Schuchmann, H. Ruska, and H. O. Muller. 2,370,373; Feb. 27.
Electronic motor control. M. G. Crosby. 2,380,948; Aug. 7.
Electronic relay. K. Schlesinger. 2,366,357; Jan. 2.
Electronic scanning device for television. A. P. Paumier. 2,387,608; Oct. 23.
Electronic timing control. C. E. Smith. 2,372,128–9; Mar. 20.
Electronic transformer. C. F. Wilcox. 2,368,625; Feb. 6.
Electronic translating device. H. Ziebolz. 2,383,758; Aug. 28.
Electronic trigger method and circuit. F. G. Albin. 2,388,812; Nov. 13.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,368,812; Feb. 6.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,371,683; Mar. 20.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,373,950; Apr. 17.
Electronic tube. W. W. Eitel and J. McCullough. 2,381,490; Aug. 7.
Electronic tube. W. W. Eitel and J. A. McCullough. 2,385,972; Oct. 2.
Electronic tube circuits. O. H. Schade. 2,378,797; June 19.

Electronic tube circuit. O. H. Schade. 2,391,801; Dec. 25.
Electronic type balancer. R. B. Annis. 2,382,843; Aug. 14.
Electronic valve device. P. Nagy and M. J. Goddard. 2,369,750; Feb. 20.
Electroperforation of sheet material. J. W. Meaker and E. H. Yonkers, Jr. 2,388,069; Oct. 30.
Electroplated coatings, Brightening. J. S. Nachtman. 2,369,748; Feb. 20.
Electroplating. R. O. Hull. 2,374,289; Apr. 24.
Electroplating. R. O. Hull. 2,383,798; Aug. 28.
Electroplating apparatus. F. W. Hampson. 2,389,904; Nov. 27.
Electroplating process. F. W. Hampson. 2,372,488; Mar. 27.
Electropneumatic brake system. C. M. Hines. 2,389,052; Nov. 13.
Electro-pneumatic loom. E. G. Mascarenhas. 2,377,800; June 5.
Electropneumatic window control. E. C. Horton. 2,366,790; Jan. 9.
Electroresponsive indicator. C. C. Whittaker. 2,381,326; Aug. 7.
Electroresponsive system. F. Crever. 2,388,527; Nov. 6.
Electrostatic charging structure. E. W. Yungman. 2,380,993; Aug. 7.
Electrostatic condenser. J. B. Brennan. 2,373,098; Apr. 10.
Electrostatic device. K. W. Oppermann. 2,373,140; Apr. 10.
Electrostatic vapor condenser. J. Canetta. 2,372,314; Mar. 27.
Electrotherapeutic device. M. Crosse and A. Roberts. 2,379,884; July 10.
Electrotypes, Preparing. R. A. Miller. 2,384,113; Sept. 4.
Elevating mechanism. Q. Berg. 2,368,191; Jan. 30.
Elevating scraper. G. W. Mork. 2,380,986; Aug. 7.
Elevator. W. J. Coultas, E. T. Johnson, and J. A. Walker. 2,373,169; Apr. 10.
Elevator. C. E. Ellis. 2,377,483; June 5.
Elevator. C. D. Hathcock. 2,370,310; Feb. 27.
Elevator. S. M. Mercier. 2,384,189; Sept. 4.
Elevator. M. L. Ramey. 2,375,584; May 8.
Elevator. L. W. Wachter. 2,389,221; Nov. 20.
Elevator and drier, Combined sand. J. G. Forster and L. G. Plant. 2,388,399; Nov. 6.
Elevator and sampler for plant products, Combined. O. M. Harlow. 2,367,397; Jan. 16.
Elevator, Bale. L. Jackson. 2,391,053; Dec. 18.
Elevator dispatching system. H. W. Williams, M. L. Mount, and A. M. Nelson. 2,367,988; Jan. 23.
Elevator for sheet feeders. L. Baker and L. C. Williams. 2,368,094; Jan. 30.
Elevator for trucks, Convertible. G. Simons. 2,381,780; Aug. 7.
Elevator, Inclined. S. Eggleston. 2,368,414; Jan. 30.
Elevator overload and blockage appliance. J. E. Currie. 2,374,473; Apr. 24.
Elevator, Portable. R. C. Adams. 2,390,286; Dec. 4.
Elevator safety control. A. L. Hard. 2,378,218; June 12.
Elevator signaling system. K. M. White and H. Hadsel. 2,372,348; Mar. 27.
Elevator system. E. M. Bouton and D. Santini. 2,376,113; May 15.
Elevator system. J. Di Giovanni. 2,384,986; Sept. 18.
Elevator, Truck. R. A. Penney. 2,390,268; Dec. 4.
Eliminator, Air. D. Samiran. 2,367,692; Jan. 23.
Eliminator for duplicating machines, Shortline. L. A. Amis. 2,367,083; Jan. 9.
Eliminator, Smoke and fume. H. S. Beck. 2,378,123; June 12.
Embalming apparatus. A. S. A. Tolliver. 2,385,428; Sept. 25.
Embalming apparatus. W. F. Trippensee. 2,369,694; Feb. 20.
Embossed display. J. H. Pollard. 2,390,663; Dec. 11.
Embossing machine. W. T. Gollwitzer. 2,391,777; Dec. 25.
Emergency cable cutter. Le R. S. Jessen. 2,385,813; Oct. 2.
Emergency equipment, Aviator's. L. L. Irvin. 2,375,655; May 8.
Emergency gasoline tank. W. H. Pike. 2,389,685; Nov. 27.
Emergency lighting unit. F. B. Embury. 2,369,288; Feb. 13.
Emergency tool. J. D. Tessier. 2,379,387; June 26.
Emergency vehicle wheel. C. C. Bailey. 2,372,049; Mar. 20.
Emetic manufacture, Tartar. N. A. Davies. 2,391,297; Dec. 18.
Empennage construction and mounting. M. Watter. 2,378,885; June 19.
Emulsified food products. E. E. Lindsey. 2,369,744; Feb. 20.
Emulsifying mill. W. A. McLean. 2,370,978; Mar. 6.
Emulsion. Aqueous bituminous. R. W. Martin. 2,376,498; May 22.
Emulsion, Cleaning and lubricating. H. H. Jones. 2,388,153; Oct. 30.
Emulsion copolymerization of butadiene-1,3 hydrocarbons and monovinyl compounds copolymerizable therewith. W. E. Messer. 2,383,802; Aug. 14.
Emulsion deoiling. A. H. Schutte. 2,385,236; Sept. 18.
Emulsion, Polymerization in. H. M. Collins. 2,388,600; Nov. 6.
Emulsion polymerization of butadiene-1,3 hydrocarbons. W. L. Semon. 2,375,140; May 1.
Emulsion treating chemicals, Proportioning of. R. C. Buchan and P. L. McGee. 2,368,447; Jan. 30.
Emulsions. W. C. Griffin. 2,380,166; July 10.
Emulsions and processes for their production. C. S. Treacy. 2,369,992; Feb. 20.
Emulsions, Aqueous polyisobutylene, G. P. Mack. 2,389,796; Nov. 27.
Emulsions, Bituminous. E. E. Mayfield. 2,370,911; Mar. 6.
Emulsions, Breaking petroleum. M. De Groote and B. Keiser. 2,385,969–70; Oct. 2.
Emulsions, Method and agent for breaking water in oil. S. L. Bishkin. 2,374,917; May 1.
Emulsions, Mixed grain. L. D. Mannes and L. Godowsky, Jr. 2,388,859; Nov. 13.
Emulsions of cellulose acetate, Aqueous. O. Huppert. 2,382,636; Aug. 14.
Emulsions of liquid explosives, Transport of aqueous. G. Brice and V. H. Williams. 2,391,006; Dec. 18.
Emulsions or compositions of or containing organic polysulphides and articles produced therefrom, Production of. J. R. Blanco, A. E. T. Neale, and D. F. Twiss. 2,386,287; Oct. 9.
Emulsions of liquid explosives, Transport of aqueous. G. Bryce and V. H. Williams. 2,368,638; Feb. 6.
Emulsions, Print-out. G. E. Fallesen. 2,369,449; Feb. 13.
Emulsions, Resolving water-in-oil. L. E. McDonald. 2,377,565; June 5.
Emulsions, Stabilized. L. L. Manchey and G. H. Schneller. 2,372,159; Mar. 20.
Emulsions, Stabilized silver halide. F. W. H. Mueller. 2,385,762; Sept. 25.
Emulsions, Thixotropic acrylate. H. T. Neher and W. R. Conn. 2,372,108; Mar. 20.
Emulsions, Treatment of nongelatin. J. I. Crabtree and G. T. Eaton. 2,377,325; June 5.
Emulsions, Vulcanized fatty oil. L. Auer. 2,382,532; Aug. 14.
Emulsions, Water-in-oil. L. Auer and A. F. Ray. 2,372,756; Apr. 3.
Enamel coated article. M. Brown and R. E. Harr. 2,377,321; June 5.
Enamel coated welded joint. W. G. Martin, 2,374,763; May 1.
Enamel composition. J. W. Garrison. 2,379,075; June 26.
Enamel composition, Glass. C. J. Harbert and W. C. Morris. 2,390,366; Dec. 4.
Enamels, Production of super opaque vitreous. P. C. Stufft. 2,370,695; Mar. 6.
Enamelware making. O. Hommel. 2,385,573; Sept. 25.
Enclosure and sealing same, Sealed. W. R. Walker. 2,380,811; July 31.
Enclosure and support for infants' feeding bottles, Combined protective. E. E. Silverman, M. Greene, and S. Greenspan. 2,389,390; Nov. 20.
Enclosure, Child's. H. E. Ferran. 2,369,552; Feb. 13.
Enclosure for alternating current apparatus. E. G. Gaynor. 2,372,822; Apr. 3.
Enclosure, Radiator. M. Watnick. 2,386,414; Oct. 9.
End closure, Forming an. J. E. Snyder. 2,367,443; Jan. 16.
End mill. A. B. Dettmer. 2,377,329; June 5.
End piston ring. S. E. Jessup. 2,367,030; Jan. 9.
End valve support. J. F. Monger. 2,366,420; Jan. 2.
Endless traction belt. F. W. Chriswell and R. S. Langdon. 2,371,802; Mar. 20.
Endurance testing method and machine, especially for vehicle body bolsters. R. Eksergian. 2,380,159; July 10.
Energy conservation in radio systems. C. W. Hansell. 2,369,230; Feb. 13.
Energy converting apparatus. J. Slepian. 2,389,391; Nov. 20.
Engine: *See*—
- Air-cooled engine.
- Aircraft engine.
- Combustion engine.
- Diesel engine.
- Double acting, two-cycle Diesel engine.
- Fluid engine.
- Fluid-pressure engine.
- Free-piston internal-combustion engine.
- Fuel-injection engine.
- Gasoline engine.
- Internal-combustion engine.
- Multiple opposed piston engine.
- Opposed-piston engine.
- Oscillatory engine.
- Piston for two-stroke internal-combustion engine.
- Reversible engine.
- Rotary combustion engine.
- Rotary engine.
- Rotary internal-combustion engine.
- Rotary reversing engine.
- Rotary steam engine.
- Scavenging air valve engine.
- Self-starting constant pressure internal-combustion engine.
- Supercharged two-stroke internal-combustion engine.
- Two-cycle engine.
- Two-cycle gas engine.
- Two-cycle solid-fuel injection supercharged engine.
- Turbine type engine.
- Two-cycle internal-combustion engine.
- Two-cycle sleeve-valve engine.
- Two-stroke cycle engine.
- Valveless engine.

Engine. H. Bonbright and W. G. Gernandt. 2,387,114; Oct. 16.
Engine. C. E. Frank. 2,377,336; June 5.
Engine. W. G. Gernandt. 2,374,190–1; Apr. 24.
Engine. W. G. Gernandt. 2,384,461; Sept. 11.
Engine. W. G. Gernandt and A. E. Walden. 2,387,143; Oct. 16.
Engine. E. Ginn and H. L. Casselman. 2,368,080; Jan. 23.
Engine. E. Ginn and H. L. Casselman. 2,369,105; Feb. 6.
Engine. E. R. Munn. 2,369,747; Feb. 20.
Engine. W. T. Pfeifer. 2,380,120; July 10.
Engine. A. M. Porter. 2,383,213; Aug. 21.
Engine. H. W. Rose. 2,383,565; Aug. 28.
Engine. A. E. Walden. 2,374,250; Apr. 24.
Engine accessory. D. J. Deschamps, B. H. Dow and D. C. Clarke. 2,372,816; Apr. 3.
Engine and propeller control. A. H. French. 2,374,276; Apr. 24.
Engine arrangement, Supercharged combustion. A. J. Larrecq. 2,375,006; May 1.
Engine charge forming device, Internal-combustion. H. A. Adams and M. Eichelberger. 2,386,765; Oct. 16.
Engine, Combined pump and rotary. E. J. McFarland. 2,374,445; Apr. 24.
Engine connecting rod and securing parts together. W. H. Graves. 2,371,614; Mar. 20.
Engine control. S. M. Udale. 2,372,989; Apr. 3.
Engine control device. G. R. Ericson. 2,386,669; Oct. 9.
Engine controller. C. H. Jorgensen. 2,383,198; Aug. 21.
Engine cooling and jet propulsion means, Combined. V. J. Burnelli. 2,372,250; Mar. 27.
Engine for aircraft, Supercharged. A. G. Forsyth and G. J. Smith-Pert. 2,371,983; Mar. 20.
Engine crank shaft to piston connecting mechanism. E. H. Schoen. 2,390,558; Dec. 11.
Engine cylinder construction. W. E. Brill. 2,390,637; Dec. 11.
Engine frame. A. L. Bayles. 2,383,285; Aug. 21.
Engine frame. A. Feroy. 2,384,291; Sept. 4.
Engine fuel pump. W. V. Falcon. 2,375,906; May 15.
Engine governor. M. Mallory. 2,377,567; June 5.
Engine lining, Jordan. H. D. Stuck. 2,366,367; Jan. 2.
Engine loading and testing system. M. P. Winther. 2,389,572; Nov. 20.
Engine lubricating system. C. D. Salisbury. 2,381,839; Aug. 7.
Engine mount, Flexible. E. H. Heinemann and P. A. Dennis. 2,377,006; May 29.
Engine mounting. R. S. Trott. 2,378,874; June 19.
Engine mounting structure. J. R. Moorehead. 2,379,315; June 26.
Engine nacelle. W. P. McKinnie. 2,372,905; Apr. 3.
Engine operated burner. H. B. Holthouse. 2,381,594; Aug. 7.
Engine regulating means. F. C. Reggio. 2,378,037; June 12.
Engine starter. G. S. Thompson. 2,388,450; Nov. 6.
Engine starting mechanism. S. Gilbert. 2,374,990; May 1.
Engine starting mechanism. R. M. Nardone. 2,377,362; June 5.
Engine starting mechanism. R. M. Nardone. 2,380,064; July 10.
Engine starting mechanism. R. M. Nardone. 2,386,812; Oct. 16.
Engine starting system. A. J. Kuhn, D. F. Alexander and J. R. Hornaday. 2,372,835; Apr. 3.
Engine structure. A. Feroy. 2,384,292; Sept. 4.
Engine supercharger. F. A. Pudge. 2,377,450; June 5.
Engine support. E. S. Guignon, Jr. 2,377,415; June 5.
Engine suspension system. J. M. Tyler. 2,368,334; Jan. 30.
Engine system cooling control. G. H. Gill. 2,376,683; May 22.
Engine turning means. H. W. Schmidt. 2,388,803; Nov. 13.
Engines, Lubricating system for internal-combustion. C. T. Doman. 2,366,701; Jan. 9.
Engines, Thermodynamic conversion in compression-ignition. V. B. Olsen. 2,368,423; Jan. 30.
Engraved plates, Making. H. T. Neumann. 2,371,773; Mar. 20.
Enlarger, Automatic miniature. C. E. Young Berg. 2,380,818; July 31.
Enrober or chocolate coating machine. A. A. Tunley. 2,380,806; July 31.
Enteric gelatin capsule shell or envelope. S. H. Fox and L. P. Opferman. 2,390,088; Dec. 4.
Envelope. E. B. Berkowitz. 2,374,798; May 1.
Envelope. A. M. Broudy. 2,391,673; Dec. 25.
Envelope. R. K. Stone and F. O. Brougham. 2,389,747; Nov. 27.
Envelope. W. E. Swift. 2,389,748; Nov. 27.
Envelope and insert, Mailing. C. A. Holmblad and W. Englund. 2,383,652; Aug. 28.
Envelope construction. M. McKeen. 2,374,026; Apr. 17.
Envelope for electric sunlamps, Glass. H. Kalsing, H. Krefft, and K. Larché. 2,367,871; Jan. 23.
Envelope hopper for mail treating machines. R. A. Dohl and E. G. Ziegelhoefer. 2,390,573; Dec. 11.
Envelope machine. L. Hoffman and A. Dalmen. 2,381,955; Aug. 14.
Envelope opener, paper cutter, and punch. H. L. McDaniel. 2,386,329; Oct. 9.
Envelope, Pay. J. Ertola. 2,374,275; Apr. 24.
Envelope, Quick opening and sealing. B. M. Aldrich. 2,377,915; June 12.
Envelope, Razor blade. G. Monnet. 2,377,897; June 12.
Envelope, Self-sealing paper. G. Schieman. 2,367,440; Jan. 16.
Envelope stuffing machine. R. H. Thompson. 2,384,506; Sept. 11.
Envelopes, Method and apparatus for filling. D. S. Gustin and D. Mullan. 2,369,563; Feb. 13.
Envelopes, Method and apparatus for testing sealed. E. Lemmers. 2,370,475; Feb. 27.
Episcopic illuminating device. F. Turrettini. 2,373,928; Apr. 17.
Equal movement system. J. P. Phillips. 2,378,497; June 19.
Equalizer and shutoff valve. J. A. Lauck. 2,368,852; Feb. 6.
Equalizer, Draft. V. J. Tichota. 2,389,094; Nov. 13.
Equalizer for dual clutches. F. G. Shoemaker and O. C. Kreis. 2,367,064; Jan. 9.
Equalizer for elevator cables. E. T. Beatty. 2,385,488; Sept. 25.
Equalizing valve. K. A. Browne. 2,386,291; Oct. 9.
Eraser, Typewriter. B. W. Hanle. 2,386,948; Oct. 16.
Equalizing return trap. M. E. Miller. 2,366,746; Jan. 9.
Equilibrium grain separator. W. O. La Fave. 2,384,181; Sept. 4.
Equipment for electrical installations. E. G. Johansson and A. A. Young. 2,372,083; Mar. 20.
Equipment for shipbuilding. F. R. Harris. 2,381,446; Aug. 7.
Equipment for testing shields. G. D. Johnson, Jr., and K. J. Matzinger. 2,378,928; June 26.
Equipment for tire retreading. A. L. Anderson. 2,381,963; Aug. 14.
Equipment for vehicle bodies. W. T. Howard. 2,382,011; Aug. 14.
Equipment for wells, Producing. A. J. Penick. 2,382,578; Aug. 14.
Eraser, Motor actuated. J. P. Smith. 2,390,226; Dec. 4.
Erection device for gyro verticals. L. F. Carter. 2,380,941; Aug. 7.
Erection device for gyro verticals. R. Haskins, Jr. 2,382,993; Aug. 21.
Erection device for gyro verticals. T. W. Kenyon. Apr. 10.
Error detector for telegraph printers. A. L. Brown. 2,366,434; Jan. 2.
Escapement. M. H. Rhodes. 2,383,418; Aug. 21.
Escapement mechanism. C. Lurtz. 2,385,011; Sept. 18.
Ester. M. M. Brubaker. 2,381,883; Aug. 14.
Ester. M. E. Cupery. 2,381,880; Aug. 14.
Ester. M. E. Cupery. 2,381,882; Aug. 14
Ester and polymer thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,121–2; Sept. 4.
Ester and preparation thereof, Vinyl. F. E. Küng. 2,370,549; Feb. 27.
Ester diamides. M. De Groote and B. Keiser. 2,373,230; Apr. 10.
Ester gums from polyallyl alcohol. H. F. Pfann and E. L. Kropa. 2,376,504; May 22.
Ester-linked acylated aminoalcohols and making same. M. De Groote and B. Keiser. 2,381,575; Aug. 7.
Ester of alpha-hydroxy isobutyric acid. G. F. D'Alelio and J. W. Underwood. 2,375,629; May 8.
Ester, Plasticized cellulose. I. E. Muskat and F. Strain. 2,381,511; Aug. 7.
Ester products of 12-hydroxystearic acid. M. J. Hunter. 2,390,027; Nov. 27.
Esteramides. M. De Groote and B. Keiser. 2,373,229; Apr. 10.
Ester-amides, Unsaturated. I. E. Muskat and F. Strain. 2,390,551; Dec. 11.
Esterification. J. H. Bruun and J. H. Perrine. 2,384,793; Sept. 18.
Esterification. J. R. Long. 2,370,055; Feb. 20.
Esterification derivatives of high molal hydroxy acid amides and making same, Certain subresinous. M. De Groote and B. Keiser. 2,381,116; Aug. 7.
Esterification derivatives of polyacylated amides and making same. M. De Groote and B. Keiser. 2,384,081; Sept. 4.
Esterification of lignins and lignin-like material. R. M. Dorland and R. M. Boehm. 2,379,890; July 10.
Esters. M. M. Brubaker. 2,381,889; Aug. 14.
Esters. M. E. Cupery. 2,381,886; Aug. 14.
Esters. D. J. Loder. 2,388,164; Oct. 30.
Esters. F. D. Snell and A. F. Guiteras. 2,385,849; Oct. 2.
Esters. J. C. Thomas. 2,384,577; Sept. 11.
Esters. C. L. Agre and R. M. Leekley. 2,378,169; June 12.
Esters, Amino alcohol. J. S. Pierce, J. M. Salsbury, and J. M. Fredericksen. 2,372,116; Mar. 20.
Esters and making same, Certain water-soluble high molal oxyalkylated. M. De Groote and B. Keiser. 2,375,529; May 8.
Esters, and making same, Certain water-soluble and high oxyalkylated. M. De Groote and B. Keiser. 2,371,429; Mar. 13.
Esters and making same, Lactyllactic. H. V. Claborn. 2,371,281; Mar. 13.

Ethers and making same, Polyfunctional. E. C. Britton and H. R. Slagh. 2,371,500; Mar. 13.
Esters, and making same, Water soluble high molal oxyalkylated. M. De Groote and B. Keiser. 2,366,239–40; Jan. 2.
Esters and polymers thereof, Complex. I. E. Muskat and F. Strain. 2,370,566; Feb. 27.
Esters and polymers thereof, Polybasic acid-polyhydric alcohol. I. E. Muskat and F. Strain. 2,370,565; Feb. 27.
Esters and polymers thereof, Polybasic acid-polyhydric alcohol. I. E. Muskat and F. Strain. 2,385,930; Oct. 2.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,116–17; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,120; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,385,931–2; Oct. 2.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,385,934; Oct. 2.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,387,931; Oct. 30.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,387,933; Oct. 30.
Esters and polymers thereof, Unsaturated carbonate. I. E. Muskat and F. Strain. 2,384,123; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,384,124–6; Sept. 4.
Esters and polymers thereof, Unsaturated. I. E. Muskat and F. Strain. 2,370,572–4; Feb. 27.
Esters, and making them, Dialkylated silicon. R. R. McGregor and E. L. Warrick. 2,380,057; July 10.
Esters and preparing the same. J. D. D'Ianni. 2,382,548; Aug. 14.
Esters and producing, Rosin. G. R. Anderson. 2,369,125; Feb. 13.
Esters and production, Haloformate. I. E. Muskat and F. Strain. 2,370,568; Feb. 27.
Esters as antispasmodic agents, Piperidinol. R. R. Burtner. 2,387,879; Oct. 30.
Esters, Betaine. J. Lee. 2,367,878; Jan. 23.
Esters, Carbonic acid. I. E. Muskat and F. Strain. 2,379,252; June 26.
Esters, Complex resinous. W. R. Catlow, Jr. 2,381,969; Aug. 14.
Esters containing the dihydronordicyclopentadiene ring system, Mixed. H. A. Bruson. 2,389,136; Nov. 20.
Esters, Ether. D. D. Coffman. 2,384,726; Sept. 11.
Esters having a high propionyl of butyryl content, Manufacture of cellulose. C. J. Malm and L. W. Blanchard, Jr. 2,379,310; June 26.
Esters having amphoteric properties, Fatty acid. J. W. Orelup. 2,388,281; Nov. 6.
Esters, Keto. A. M. Clifford. 2,367,484; Jan. 16.
Esters, Keto. A. M. Clifford. 2,376,033; May 15.
Esters, Manufacture of. A. M. Roberts. 2,379,104; June 26.
Esters, Manufacture of cellulose. B. T. Lamborn. 2,374,547; Apr. 24.
Esters, Manufacture of cellulose mixed. B. T. Lamborn. 2,368,764; Feb. 6.
Esters, Metallation of beta keto. V. H. Willingford and A. H. Homeyer. 2,391,530; Dec. 25.
Esters of cellulose, Production of mixed organic. G. W. Seymour and B. B. White. 2,390,185; Dec. 4.
Esters of hydroxy carboxylic acids, Acylating. C. H. Fisher and M. L. Fein. 2,374,428; Apr. 24.
Esters, Mixed. C. Le V. Agre. 2,381,888; Aug. 14.
Esters, Mixed. H. S. Rothrock. 2,381,881; Aug 14.
Esters, Mixed. J. C. Sauer. 2,381,885; Aug. 14.
Esters, Mixed. J. C. Sauer. 2,381,887; Aug 14.
Esters, Mixed cellulose. M. E. Martin and T. M. Andrews. 2,373,630; Apr. 10.
Esters, Morpholine substituted. L. C. Cheney and W. G. Bywater. 2,374,525; Apr. 24.
Esters of acids of phosphorus. C. E. Adams and B. H. Shoemaker. 2,372,244; Mar. 27.
Esters of aconitic acids, Preparation of. P. M. Kirk. 2,375,563; May 8.
Esters of aleuritic acid. W. J. Sartori. 2,382,919; Aug. 14.
Esters of alkenyl substituted polyhydroxybenzenes, Partial. C. F. Gibbs. 2,378,698; June 19.
Esters of alkoxyacetic acids. R. W. McNamee and L. G. MacDowell. 2,366,276; Jan. 2.
Esters of alpha-beta unsaturated mono-carboxylic acids, Preparation of. F. E. Kung. 2,376,704; May 22.
Esters of alpha-cyanoalcohols. J. Harmon and C. J. Mighton. 2,379,297; June 26.
Esters of alpha-ethacrylic acid. R. L. Hasche and W. P. Utermohlen, Jr. 2,388,844; Nov. 13.
Esters of aryloxymethyl benzoic acid, Alkamine. V. S. Salvin and A. J. Hill. 2,375,138; May 1.
Esters of carbonic acid, Acylated aminoalcohol. M. De Groote and B. Keiser. 2,384,608; Sept. 11.
Esters of carboxycellulose. H. F. Mark and S. Siggia. 2,379,917; July 10.
Esters of carboxylic acid, Manufacture of trithio ortho. J. D. Kendall. 2,389,153; Nov. 20.
Esters of cellulose, Preparing mixed polycarboxylic acid. F. J. Kaszuba. 2,380,896; July 31.
Ethers of cyclic ketals. K. E. Marple. 2,377,568; June 5.
Esters of cyclic sulphones, Sulphurized. R. C. Morris and J. L. Van Winkle. 2,372,160; Mar. 20.
Esters of diolefinic phosphonic acids. G. M. Kosolapoff. 2,389,576; Nov. 20.
Esters of endoethylene hydroxycyclopentanoindane and their preparation. H. A. Bruson. 2,381,433; Aug. 7.
Esters of 4-cyclohexene-1,2-dicarboxylic acid. C. L. Moyle. 2,384,955; Sept. 18.
Esters of γ-acetyl-γ-methyl pimelic acid. H. A. Bruson. 2,374,327; Apr. 24.
Esters of halonitrophenols. W. F. Hester and W. E. Craig. 2,384,306; Sept. 4.
Esters of hydroxy-aliphatic acids, α-Naphthylmethyl. J. T. Thurston and J. M. Grim. 2,383,897; Aug. 28.
Esters of hydroxylated acylated ureas. M. De Groote and B. Keiser. 2,375,533; May 8.
Esters of inorganic acids and making same. K. Miescher and C. Meystre. 2,381,073; Aug. 7.
Esters of lactic and alpha-acetoxypropionic acids, Allyl and methallyl. C. E. Rehberg and C. H. Fisher. 2,367,798; Jan. 23.
Ethers of nitro alcohols, Chloromethyl. E. B. Hodge. 2,370,540; Feb. 27.
Esters of organic acids, Production of vinyl. B. S. Groth and S. B. H. Johanson. 2,376,964; May 29.
Esters of phenylphosphonic acid, Glycol. A. D. F. Toy. 2,382,622; Aug. 14.
Esters of polybasic aliphatic acids with hydroxy compounds of the androstane and pregnane series and making the same, Neutral. H. H. Inhoffen. 2,384,550; Sept. 11.
Esters of poly-β-carboxyalkyl ethers of polyhydric alcohols. H. A. Bruson. 2,372,808; Apr. 3.
Esters of salicylic acid monosulphide and salts thereof. E. W. Cook and W. D. Thomas, Jr. 2,380,685; July 31.
Esters of s-alkylol isothioureas, Carboxylic acid. D. W. Jayne, Jr., and H. M. Day. 2,380,697; July 31.
Esters of sulphurous acid as pest-control agents. Neutral organic. I. Heckenbleikner. 2,377,148; May 29.
Esters of tall oil and making same, Sulphurized glyceryl. G. D. Davis and E. J. Barth. 2,385,912; Oct. 2.
Esters of thiocyano-substituted organic acids. P. H. Williams. 2,376,105; May 15.
Esters of triethylene glycol bis (acid carbonate) and polymers thereof, Unsaturated alcohol. I. E. Muskat and F. Strain. 2,385,933; Oct. 2.
Esters of 2-butene-1,4-diol. G. F. Deebel. 2,366,667; Jan. 2.
Esters, Organic polysilicon. W. E. Hanford. 2,386,793; Oct. 16.
Esters, Polymerized allyl. R. T. Dean. 2,374,081; Apr. 17.
Esters, Preparation of. R. M. Joyce, Jr. 2,375,301; May 8.
Esters, Preparation of acrylic. H. T. Neher and S. C. Kelton, Jr. 2,390,028; Nov. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,370,567; Feb. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,370,569; Feb. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,370,571; Feb. 27.
Esters, Preparation of carbonic acid. I. E. Muskat and F. Strain. 2,379,250; June 26.
Esters, Preparation of organic. D. J. Loder. 2,373,483; Apr. 10.
Esters, Preparation of sulphated fatty. A. A. Cook, C. Tjorn, and J. Zaparanick. 2,371,284; Mar. 13.
Esters, Production of. W. E. Hanford and J. R. Roland. 2,378,009; June 12.
Esters, Refining polymerized rosin. A. L. Rummelsburg. 2,369,109; Feb. 6.
Esters, Stabilization of. C. R. Milone. 2,385,018; Sept. 18.
Esters, Treatment of cellulose mixed. H. A. Tanner. 2,370,332; Feb. 27.
Esters, Unsaturated. I. E. Muskat and F. Strain. 2,384,119; Sept. 4.
Esters, Unsaturated. F. Strain. 2,379,261; June 26.
Esters, Unsaturated carbonate. F. Strain and F. E. Küng. 2,370,589; Feb. 27.
Esters, Unsaturated carbonate. F. Strain and F. E. Küng. 2,377,111; May 29.
Esters, Vinyl. F. Strain and F. E. Kung. 2,384,143; Sept. 4.
Etchable deposits on printing cylinders, Obtaining. A. A. Egli and C. Bokenkamp. 2,372,665; Apr. 3.
Etching, Method of. L. M. Hicks. 2,371,758; Mar. 20.
Etching process. S. Waldman and G. F. Coggins. 2,378,052; June 12.
Ethenoid monomers, Polymerization of. B. M. Marks. 2,383,069; Aug. 21.
Ether composition, Cellulose. M. J. Hunter and E. L. Kropscott. 2,385,359; Sept. 25.
Ether of dextran, Soluble benzyl. G. L. Stahley and W. W. Carlson. 2,385,553; Sept. 25.
Ether of 2-methyl-2-hydroxy-butene-3. F. J. Soday. 2,382,031; Aug. 14.
Ether propagation paths, Investigating. N. E. Lindenblad and J. L. Finch. 2,366,632; Jan. 2.
Ethers and making same, Basic. K. Hoffmann and H. Von Meyenburg. 2,387,447; Oct. 23.
Ethers, Di-halophenyl-dialkyl. J. E. Livak. 2,366,203; Jan. 2.

Ethers, Insolubilization of water-soluble cellulose. S. L. Bass, R. M. Upright, and F. L. Dennett. 2,370,517; Feb. 27.
Ethers, Making halogenated. W. J. Toussaint and L. G MacDowell, Jr. 2,383,091; Aug. 21.
Ethers of alcohol amines. M. Katzman and A. K. Epstein. 2,390,942; Dec. 11.
Ethers of diethylstilboestrol, Monoalkyl. E. E. Reid. 2,385,468; Sept. 25.
Ethers of endoethylene hydroxycyclopentanoindane. H. A. Bruson. 2,376,865; May 29.
Ethers of ether alcohols, Dihydronordicyclopentadienyl. H. A. Bruson. 2,375,767; May 15.
Ethers of hexestrol and producing same, Monoalkyl. F. C. Schmelkes. 2,385,472; Sept. 25.
Ethers of hydroxydihydronordicyclopentadiene, Halogenated. H. A. Bruson. 2,375,768; May 15.
Ethers of polyhydric alcohols, Cyano-alkyl. H. A. Bruson. 2,383,443; Aug. 28.
Ethers of primary nitro-alkalanes and preparing them. C. T. Bahner. 2,391,815; Dec. 25.
Ethers of styrene glycol. C. A. Thomas and C. A. Hochwalt. 2,372,615; Mar. 27.
Ethers of vitamin B_6. S. A. Harris. 2,382,876; Aug. 14.
Ethers, Preparation of polyvinyl. R. A. Scheiderbauer. 2,373,782; Apr. 17.
Ethers, Production of hydroxy. K. E. Marple, E. C. Shokal, and T. W. Evans. 2,380,185; July 10.
Ethers, Purification of aliphatic. J. C. Hillyer. 2,380,524; July 31.
Ethers, Stabilizing cellulose. S. L. Bass, L. A. Rauner, and P. H. Lipke, Jr. 2,383,361; Aug. 21.
Ethers, Sulphurized cardanol. F. P. Otto. 2,387,286; Oct. 23.
Etherification of lignins and lignin-like material. R. M. Dorland and R. M. Boehm. 2,379,889; July 10.
Ethyl B-ethoxy-propionate, Preparation of. B. L. Souther. 2,386,363; Oct. 9.
Ethyl benzene, Preparing. C. N. Kimberlin, Jr 2,377,243; May 29.
Ethyl benzene, Production of. W. J. Mattox and W. L. Benedict. 2,389,445; Nov. 20.
Ethyl benzene, Production of. E. E. Stahly. 2,373,062; Apr. 3.
Ethyl benzene, Synthesis of. F. H. Blanding. 2,385,187; Sept. 18.
Ethylene, Alkylation of. G. T. Atkins, Jr. 2,385,123; Sept. 18.
Ethylene, Conversion of. V. N. Ipatieff and V. Haensel. 2,389,780; Nov. 27.
Ethylene, Polymerization and interpolymerization of. R. G. R. Bacon and R. B. Richards. 2,391,218; Dec. 18.
Ethylene, Polymerizing. W. E. Hanford, J. R. Roland, and H. S. Young. 2,377,779; June 5.
Ethylene polymers, Dispersions of. F. T. Peters. 2,384,848; Sept. 18.
Ethylene polymers, Producing. M. M. Brubaker. 2,377,753; June 5.
Ethylene polymers, Separating. N. W. Krase. 2,388,160; Oct. 30.
Ethylene, Production of. H. S. Miller. 2,378,236; June 12.
Ethylene sulphide reaction products of guanidine. L. P. Moore and W. P. Ericks. 2,372,598; Mar. 27.
Ethylene to butadiene, Conversion of. B. H. Shoemaker. 2,376,986; May 29.
Ethylene urea derivatives. F. W. Hoover and G. T. Valla. 2,373,136; Apr. 10.
Evacuated coolant containing valve. R. D. McDill. 2,369,063; Feb. 6.
Evacuated packages, System of producing. J. R. Sonneborn and J. Y. Albertson. 2,387,812; Oct. 30.
Evacuated valves, Making. R. E. Cummings. 2,367,756; Jan. 23.
Evaporator. F. D. Peltier. 2,381,686; Aug. 7.
Evaporator. W. H. Thompson. 2,388,773; Nov. 13.
Evaporator, Atomizing. C. W. Stratford. 2,368,049; Jan. 23.
Evaporator, Crystallizing. J. S. Hughes. 2,384,747; Sept. 11.
Evaporator for absorption refrigerating. P. R. M. M. Köhler. 2,384,313; Sept. 4.
Evaporator, Oil fired single effect. E. P. Worthen and B. Fox. 2,384,226; Sept. 4.
Evaporator, Single effect. E. P. Worthen and B. Fox. 2,378,350; June 12.
Evaporator unit. B. C. Johnson. 2,386,613; Oct. 9.
Evaporators, Making. B. C. Johnson. 2,377,557; June 5.
Excavating equipment. J. A. Bradley. 2,379,876; July 10.
Excavating machine. H. Hollmann and W. G. Van Voorhis. 2,368,360; Jan. 30.
Excavator. E. W. Austin. 2,380,285; July 10.
Excavator. E. R. Snyder. 2,381,085; Aug. 7.
Exchange apparatus, Heat. R. Pyzel. 2,382,255; Aug 14.
Exchanger, Heat. A. Y. Gunter. 2,389,850; Nov. 27.
Exercising apparatus. J. L. Wentz. 2,388,777; Nov. 13.
Exhaust concealing and silencing device. N. O. Collier, Jr. 2,372,765; Apr. 3.
Exhaust silencer for internal-combustion engines. B. Smith. 2,367,473; Jan. 16.
Exhibiting device for short electrical impulses. K. Berger. 2,367,329; Jan. 16.
Exhibiting instrument. G. O. Lien. 2,373,695; Apr. 17.
Exothermic reaction charge. C. A. Cadwell. 2,383,040; Aug. 21.
Expanded cell tight rubber-avoidance of surface stickiness. H. Pfleumer. 2,383,734; Aug. 28.
Expander for fuel oil burners, Flame. W. Hesse. 2,368,301; Jan. 30.
Expander, Piston. W. J. Six. 2,383,893; Aug. 28.
Expander, Piston skirt. A. W. Engberg. 2,390,431; Dec. 4.
Expander, Piston skirt. M. E. Sipe. 2,374,463; Apr. 24.
Expander tool. R. C. Kuhn. 2,373,478; Apr. 10.
Expanding tool. J. J. Twardowski. 2,383,028; Aug. 21.
Expansible chamber motor. W. H. Wineman. 2,378,965. June 26.
Expansible member mounting. B. F. Tellkamp. 2,376,635; May 22.
Expansion bit. C. F. Chaddock. 2,378,830; June 19.
Expansion joint. R. T. Moore and F. C. Harris. 2,371,907; Mar. 20.
Expansion joint. R. R. Robertson. 2,386,265; Oct. 9.
Expansion means. C. Gottwald. 2,378,214; June 12.
Expansion tool. F. Thompson. 2,370,333; Feb. 27.
Expansion valve. E. J. Dillman. 2,368,592; Jan. 30.
Explosion-proof apparatus. A. A. Ralston. 2,368,492; Jan. 30.
Explosive. F. R. Seavey. 2,382,921; Aug. 14.
Explosive and detonating apparatus. P. Lecky and J. J. Shively. 2,368,310; Jan. 30.
Explosive bullet. R. N. Nelson. 2,390,552; Dec. 11.
Explosive carrier sensitive to airplane induced aerial disturbances. G. F. Archer. 2,377,742; June 5.
Explosive charge. C. O. Davis and W. E. Kirst. 2,371,879; Mar. 20.
Explosive composition. K. M. Gaver. 2,389,771; Nov. 27.
Explosive composition. W. O. Snelling. 2,371,000; Mar. 6.
Explosive material. W. H. Bagley, Jr. 2,369,517; Feb. 13.
Explosive mixture and bomb for use therewith, Forming. R. S. Palmer. 2,368,038; Jan. 23.
Explosives, Connecting. M. C. Huber. 2,377,151; May 29.
Exposure control for cameras. B. E. Luboshez. 2,369,473; Feb. 13.
Exposure control, Photoelectric. K. Rath. 2,379,102; June 26.
Exposure meter. G. E. Freund. 2,389,617; Nov. 27.
Exposure meter. H. Kott. 2,386,320; Oct. 9.
Extensible dispensing container. M. I. Williamson. 2,367,706; Jan. 23.
Extensible hand tool. A. E. Carlberg. 2,382,291; Aug. 14.
Extension and reduction appliance. H. H. Haynes. 2,371,519; Mar. 13.
Extension-leaf table. D. De Tosti. 2,366,499; Jan. 2.
Extensometer. E. J. Dawson. 2,376,038; May 15.
Extensometer. J. B. Thorpe. 2,382,351; Aug. 14.
Extensor, Mechanical. W. J. Zenner. 2,382,596; Aug. 14.
Exterminating machine, Boll weevil. G. L. McCay. 2,389,677; Nov. 27.
Exterminator, Rodent. W. C. Bishop. 2,390,686; Dec. 11.
Extinguisher, Fire. J. Spillane. 2,371,364; Mar. 13.
Extinguisher, Fire. J. W. Wright. 2,368,340; Jan. 30.
Extinguishing burning magnesium and the like. J. J. Fahey, M. Fleischer, and W. W. Rubey. 2,368,209; Jan. 30.
Extinguishing device, Arc. L. H. Matthias. 2,387,033; Oct. 16.
Extinguishing device, Fire. H. E. Brandt. 2,366,692; Jan. 9.
Extinguishing fires and fluid used therein. L. G. M. Timpson. 2,389,652; Nov. 27.
Extract, Anti-pressor renal. C. M. Wolf. 2,376,841; May 22.
Extract, Making coffee. R. Huguenin. 2,380,046; July 10.
Extracting apparatus. K. Finsterbusch. 2,388,732; Nov. 13.
Extraction apparatus. E. Böhm. 2,370,614; Mar. 6.
Extraction apparatus. C. F. Dinley and W. L. McCracken. 2,377,136; May 29.
Extraction method. C. F. Dinley and W. L. McCracken. 2,377,135; May 29.
Extraction of mineral oils, Solvent. O. L. Polly and A. C. Byrns. 2,385,645; Sept. 25.
Extraction of solid materials, Solvent. N. E. Berry. 2,381,965; Aug. 14.
Extraction process. A. M. Erickson and J. Ryan. 2,382,407; Aug. 14.
Extraction process. M. Souders, Jr. 2,377,049; May 29.
Extractive distillation. G. C. Cunningham. 2,380,723; July 31.
Extractive distillation. G. J. Pierotti. 2,375,035–6; May 1.
Extractor: *See*—
Bearing extractor.
Bearing race extractor.
Firearm extractor.
Fowl leg tendon extractor.
Fruit and vegetable juice extractor.
Fruit juice extractor.
Honey extractor.
Laundry extractor.
Radio tube extractor.
Rail extractor.
Extractor. L. McGihon. 2,389,862; Nov. 27.

Extractor for automatic guns. J. Dobremysl. 2,366,840; Jan. 9.
Extractor tool. C. Ferguson. 2,376,676; May 22.
Extracts, Making liquid. C. W. Carter. 2,368,113; Jan. 30.
Extruder. J. G. Curry. 2,371,225; Mar. 13.
Extruder, Potato. R. Petzold. 2,385,538; Sept. 25.
Extruding and apparatus therefor. H. F. Eisengrein. 2,386,782; Oct. 16.
Extruding and cutting apparatus for plastic materials. G. A. Bole, M. C. Shaw, and H. E. Co Van. 2,377,668; June 5.
Extruding device. J. W. Hoffecker. 2,386,796; Oct. 16.
Extrusion. B. C. McFadden. 2,366,344; Jan. 2.
Extrusion apparatus. G. L. Cherry and C. C. Veale. 2,373,167; Apr. 10.
Extrusion apparatus. C. E. Coleman. 2,387,718; Oct. 30.
Extrusion apparatus. R. T. Fields. 2,369,553; Feb. 13.
Extrusion apparatus for molding blocks, tubes, and the like. W. A. de Vigier. 2,386,665; Oct. 9.
Extrusion controlled water-stop expansion joint. A. C. Fischer. 2,374,186; Apr. 24.
Extrusion device for the manufacture of cable sheaths. W. Hyprath. 2,385,574; Sept. 25.
Extrusion machine. F. T. Griffiths. 2,367,394; Jan. 16.
Extrusion molding of plastic, Continuous. H. F. MacMillin. 2,366,417; Jan. 2.
Extrusion press. J. H. Bent and R. W. Pearson. 2,368,404; Jan. 30.
Extrusion press and operating same, Metal. L. Loewy. 2,388,558; Nov. 6.
Extrusion soldering apparatus. A. E. Rineer. 2,371,709; Mar. 20.

Eyecup. J. R. Eddins. 2,375,636; May 8.
Eye exercising device. R. E. Eaves. 2,380,508; July 31.
Eyeglass. J. C. Morrell. 2,367,418; Jan. 16.
Eyeglass construction. G. E. Nerney. 2,371,910; Mar. 20.
Eyeglass frame. R. T. Cook. 2,372,059; Mar. 20.
Eyeglass holder. J. O. Dibert. 2,380,297; July 10.
Eyeglass, shield, or the like. E. I. Wilson. 2,388,626; Nov. 6.
Eyeglasses. J. C. Breuker, Jr. 2,374,171; Apr. 24.
Eyeglasses. R. W. Carlisle. 2,390,825; Dec. 11.
Eyeglasses. G. Courtney. 2,382,962; Aug. 21.
Eyeglasses. W. A. Whipple. 2,380,281; July 10.
Eyeglasses. C. J. T. Young. 2,386,998; Oct. 16.
Eye mounting for dolls. S. Paganello. 2,378,787; June 19.

Eye protection means. C. A. Baratelli, D. P. Bernheim, and W. Lown. 2,387,821; Oct. 30.
Eye protection means. D. P. Bernheim, E. M. Splaine, W. H. Lehmberg, W. Lown, and C. A. Baratelli. 2,388,205; Oct. 30.
Eye protector. H. B. Lewis. 2,390,599; Dec. 11.
Eyeshield. J. E. DuBois. 2,368,750; Feb. 6.
Eyeshield. M. M. Werner. 2,389,223; Nov. 20.
Eye shield and guard, Combined. F. J. Hanak. 2,382,147; Aug. 14.
Eyeshield or visor. C. L. Peffer. 2,377,645; June 5.
Eye testing apparatus. W. F. Peck and A. A. Gradisar. 2,366,554; Jan. 2.
Eyelet cover. H. G. A. Heit. 2,369,735; Feb. 20.
F-M transceiver. M. Ziegler, J. F. Visscher, and L. Cavallero. 2,379,395; June 26.
Fabric: *See*—
Knitted fabric. Textile fabric.
Loop-plush fabric. Upholstering fabric.
Pile fabric.
Fabric. S. W. Alderfer. 2,373,801; Apr. 17.
Fabric. B. S. Faber. 2,371,038; Mar. 6.
Fabric. E. J. Jacob. 2,372,673; Apr. 3.
Fabric. E. J. Jacob. 2,385,577; Sept. 25.
Fabric. W. G. Luttge. 2,373,194; Apr. 10.
Fabric. J. R. Myles, D Whittaker, and F. J. Siddle. 2,374,121; Apr. 17.
Fabric. R. D. Shank. 2,387,620; Oct. 23.
Fabric and garment construction. C. D. Williamson. 2,380,137; July 10.
Fabric and making, Reinforced textile. G. K. Ripley. 2,381,184; Aug. 7.
Fabric and making same, Knit. A. E. and F. R. Page. 2,387,768; Oct. 30.
Fabric and making the same. C. E. Johnson and D. M. Clark. 2,372,497; Mar. 27.
Fabric and making the same, Knit. M. Nebel. 2,379,649; July 3.
Fabric and making the same, Tubular knit. P. L. Thurston and D. Nagley. 2,369,927–8; Feb. 20.
Fabric and making, Treated. S. M. Edelstein. 2,389,421; Nov. 20.
Fabric and method, Napped. G. S. Radford. 2,390,386; Dec. 4.
Fabric and preparing and using the same, Elastic. S. C. Lilley and E. E. Foster. 2,384,936; Sept. 18.
Fabric and producing it. W. H. von Glahn and W. L. Walsh. 2,390,903; Dec. 11.
Fabric and producing same, Woven. R. Whewell and A. Bauer, Jr. 2,367,744; Jan. 23.
Fabric coating machine. F. B. Quinn and R. G. Levitch. 2,384,695; Sept. 11.
Fabric, Composite. L. Glass. 2,377,933; June 12.
Fabric construction. G. W. Rosenberg. 2,390,462; Dec. 4.
Fabric cutting, edge trimming, and rewinding machine. D. E. Van Maldeghem. 2,378,263; June 12.
Fabric cutting system. S. Cohn. 2,387,386; Oct. 23.
Fabric, Electrically heated. J. A. Hendley. 2,379,580; July 3.
Fabric feeding system. S. Cohn and J. G. Walter. 2,391,547; Dec. 25.
Fabric, Knitted. H. H. Holmes and A. H. Widdowson. 2,375,474; May 8.
Fabric material, Coated. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,394; Oct. 23.
Fabric, Multicolor flock printed. H. Fountain. 2,368,706; Feb. 6.
Fabric repair machine. S. L. Hieber. 2,385,703; Sept. 25.
Fabric spreader. J. Zegarelli. 2,374,319; Apr. 24.
Fabric, Textile. D. Finlayson and H. Crawshaw. 2,370,946; Mar. 6.
Fabric with elastic selvage, Knitted. R. H. Lawson. 2,380,768; July 31.
Fabrics and like materials. W. I. Taylor and J. F. Levers. 2,376,983; May 29.
Fabrics and producing the same. H. Meyer. 2,380,775; July 31.
Fabrics and the like with beaded or similar decoration, Manufacture of. H. Freiberg. 2,370,028; Feb. 20.
Fabrics containing filament yarns, Increasing the transparency of. J. W. Stallings. 2,368,948; Feb. 6.
Fabrics, Finishing pigment-resin colored. R. D. Greene, R. H. Kienle, and R. D. Vartanian. 2,385,320; Sept. 18.
Fabrics, Identification marking of. J. Miglarese. 2,384,039; Sept. 4.
Fabrics, Making puckered. F. C. Wedler, 2,373,195; Apr. 10.
Fabrics, Sheening pile. J. D. MacMahon. 2,369,398; Feb. 13.
Fabrics, Sheening pile. J. D. MacMahon and L. D. Taylor. 2,369,399; Feb. 13.
Fabrics, Stiffened. A. A. Lawrence and S. L. Bass. 2,370,550; Feb. 27.
Fabrics with liquid, Impregnating. R. H. Czeczowitzka. 2,370,290; Feb. 27.
Fabricating transformers. J. R. Gaston. 2,380,300; July 10.
Face clutch. E. Wildhaber. 2,384,582–4; Sept. 11.
Face clutch. E. Wildhaber. 2,388,456; Nov. 6.
Facepiece. W. P. Yant. 2,382,364; Aug. 14.
Facing and closure, Sealing. I. F. Bulatkin. 2,376,899; May 29.
Facsimile apparatus. M. Artzt. 2,391,765; Dec. 25.
Facsimile apparatus. F. C. Collings, Jr. 2,376,034–5; May 15.
Facsimile apparatus. J. V. L. Hogan. 2,379,438; July 3.
Facsimile recorder. W. G. H. Finch. 2,374,673; May 1.
Facsimile scanner, Continuous. J. V. L. Hogan. 2,379,906; July 10.
Factis, Producing. I. Bencowitz. 2,382,284; Aug. 14.
Fader for motion-picture printers. A. B. Chatelain. 2,368,804; Feb. 6.
Fair-lead. P. J. Mochel. 2,369,169; Feb. 13.
Fair-leader. T. S. Lindabury. 2,387,520; Oct. 23.
Fairing and chock for aircraft, Combined. E. H. Schneckloth. 2,390,127; Dec. 4.
Fairings, Airplane. T. P. Hall. 2,381,350; Aug. 7.
Fan. A. W. Gaubatz. 2,374,342; Apr. 24.
Fan. L. Grant. 2,385,070; Sept. 18.
Fan. J. A. Heckman. 2,390,588; Dec. 11.
Fan, Air circulating. L. A. Gutkin. 2,390,299; Dec. 4.
Fan and compressor, Axial flow. F. L. Wattendorf. 2,384,000; Sept. 4.
Fan and dust collector, Combined centrifugal. R. L. Lincoln. 2,373,969; Apr. 17.
Fan arrangement for heat exchange devices. J. Briskin and W. Prosk. 2,368,518; Jan. 30.
Fan attachment. S. Taylor. 2,389,700; Nov. 27.
Fan, Axial flow. N. T. Bauer. 2,382,535; Aug. 14.
Fan, Centrifugal. L. W. Wightman. 2,370,600; Feb. 27.
Fan construction. W. R. Bonham. 2,381,567; Aug. 7.
Fan cooling system. H. F. Hagen. 2,384,088; Sept. 4.
Fan, Folding pocket. L. Bernstein. 2,371,792; Mar. 20.
Fan, High temperature. C. Nygren. 2,385,837–8; Oct. 2.
Fan impeller. M. H. Frisbie. 2,370,652; Mar. 6.
Fan, Propeller. H. F. Hagen. 2,390,879; Dec. 11.
Fan, Propeller type. J. A. McLean, Jr. 2,390,804; Dec. 11.
Fan stopping device. A. N. Classon. 2,369,715; Feb. 20.
Fan, Ventilating. L. B. Williams. 2,372,621; Mar. 27.
Fan, Ventilating or exhaust. H. Morrison. 2,385,152; Sept. 18.
Fan wheel. F. M. Graham. 2,375,220; May 8.
Fare registering mechanism. H. J. Baur and T. E. Kulo. 2,374,321; Apr. 24.
Fare registering mechanism. E. H. Thompson. 2,366,882; Jan. 9.
Farm implement. A. and C. Schultz. 2,381,005; Aug. 7.
Fast charger. B. F. W. Heyer, C. W. Dalzell, and J. W. Horton. 2,369,826; Feb. 20.

Fastener: *See*—
Apparel fastener.
Corrugated metal fastener.
Cot fastener.
Cover fastener.
Cowl fastener.
Detachable clip fastener.
Door knob fastener.
Drawstring fastener.
Drive fastener.
Fender shield fastener.
Free flexing separable fastener.
Jar fastener.
Lock fastener.
Lockable hasp fastener.
One-way snap fastener.
Paper fastener.
Refrigerator door fastener.
Releasing end stop slide fastener.
Resilient fastener.
Resilient rail fastener.
Separable fastener.
Shiftable cowl fastener.
Single stringer separable fastener.
Skin fastener.
Slide clasp fastener.
Slide fastener.
Slide operated fastener.
Snap fastener.
Storm window fastener.
Strap fastener.
Tensional shingle fastener.
Threaded fastener.
Turn button fastener.
Wood joining fastener.

Fastener. A. R. Adams. 2,380,568; July 31.
Fastener. R. W. Allen. 2,385,180; Sept. 18.
Fastener. G. Brown. 2,387,641; Oct. 23.
Fastener. K. C. Bugg. Re. 22,681; Oct. 16.
Fastener. K. C. Bugg and H. L. Hart. 2,379,786; July 3.
Fastener. H. T. Hughes. 2,373,312; Apr. 10.
Fastener. C. M. Johnson. 2,369,297; Feb. 13.
Fastener. R. Mitchell. 2,376,167; May 15.
Fastener. B. C. Place. 2,389,635; Nov. 27.
Fastener. A. V. Reed. 2,383,079; Aug. 21.
Fastener. W. J. Ritzel. 2,387,468; Oct. 23.
Fastener. J. W. Simmons. 2,370,375; Feb. 27.
Fastener. W. L. Sparks. 2,386,723; Oct 9.
Fastener. J. M. Summers. 2,382,518; Aug. 14.
Fastener. J. D. Tessier. 2,374,394; Apr. 24.
Fastener. G. A. Tinnerman. Re. 22,659; Aug. 7.
Fastener. A. Venditty. 2,380,131; July 10.
Fastener and fastener combination. R. W. Johnson. 2,368,027; Jan. 23.
Fastener and fastener installation. F. E. Johnson. Re. 22,618; Mar. 13.
Fastener and making the same, Nonmetallic separable. F. R. Taberlet. 2,389,565; Nov. 20.
Fastener and spacer, Combined. J. P. Klingensmith. 2,368,364; Jan. 30.
Fastener assembly. G. Cannova. 2,382,973; Aug. 21.
Fastener construction. J. M. Summers. 2,381,233; Aug. 7.
Fastener construction, Slide. I. Marinsky. 2,370,059; Feb. 20.
Fastener device. R. H. Dixon. 2,370,452; Feb. 27.
Fastener device for electrical conductors. W. L. Trafton. 2,382,945; Aug. 14.
Fastener device for wearing apparel, draperies, and the like. R. Ollivier. 2,366,549; Jan. 2.
Fastener device, Shiftable cowl. W. H. Churchill. 2,389,121; Nov. 20.
Fastener driving machine. J. A. Paul. 2,378,725; June 19.
Fastener for bed rails and the like. E. H. Anderson. 2,386,178; Oct. 9.
Fastener for belts. W. P. Reilly and C. W. Tingley. 2,386,977; Oct. 16.
Fastener for cold wave rollers. B. Johnson. 2,386,612; Oct. 9.
Fastener for detachably assembling two parts. J. E. F. Gobin dit Daude. 2,387,575; Oct. 23.
Fastener for duct forms and the like. A. P. Terry. 2,389,468; Nov. 20.
Fastener inserting machine. S. L. Gookin. 2,374,345; Apr. 24.
Fastener machine, Envelope. A. Novick. 2,387,605; Oct. 23.
Fastener setting or attaching machine. J. P. Treciokas. 2,373,436; Apr. 10.
Fastener stringer, Slide. R. F. Andler. 2,368,911; Feb. 6.
Fasteners, Applying laundryproof. P. E. Fenton. 2,371,813; Mar. 20.
Fasteners, Machine and method for making slide. F. Ulrich. 2,370,380; Feb. 27.
Fasteners, Manufacture of slide. L. M. Rabinowitz. 2,366,287; Jan. 2.
Fasteners, Slider for separable. R. C. Legat. 2,366,797; Jan. 9.
Fasteners, Slider for slide. M. Winterhalter. 2,373,523; Apr. 10.
Fastening appliance for disk records. F. B. Downing. 2,388,127; Oct. 30.
Fastening compacts, refills, containers and the like. E. R. Witherspoon. 2,390,568; Dec. 11.
Fastening device. E. R. Andrews and L. H. Steans. 2,386,922; Oct. 16.
Fastening device. E. C. Austin. 2,389,479; Nov. 20.
Fastening device. C. E. Brewster. 2,373,083; Apr. 3.
Fastening device. M. L. Davies. 2,377,405; June 5.
Fastening device. A. H. Fay, Jr. 2,367,109; Jan. 9.
Fastening device. R. C. Gazley. 2,372,566; Mar. 27.
Fastening device. E. Gisondi. 2,369,961–2; Feb. 20.
Fastening device. J. T. Glekler. 2,381,047; Aug. 7.
Fastening device. H. C. Glitsch. 2,375,409; May 8.
Fastening device. R. L. Hallock. 2,374,679; May 1.
Fastening device. C. H. Judd. 2,367,283; Jan. 16.
Fastening device. C. H. Judd. 2,377,694; June 5.
Fastening device. D. S. Kane. 2,368,713; Feb. 6.
Fastening device. J. B. Parsons. 2,383,154; Aug. 21.
Fastening device. R. L. Rapp. 2,390,325; Dec. 4.
Fastening device. F. L. Savageau. 2,376,089; May 15.
Fastening device. G. A. Tinnerman. 2,366,942; Jan. 9.
Fastening device. G. A. Tinnerman. 2,369,380; Feb. 13.
Fastening device. G. A. Tinnerman. 2,378,257–8; June 12.
Fastening device. G. A. Tinnerman. 2,378,957; June 26.
Fastening device. G. A. Tinnerman. 2,381,144; Aug. 7.
Fastening device. G. A. Tinnerman. 2,382,520–1; Aug. 14.
Fastening device. G. A. Tinnerman. 2,382,678; Aug. 14.
Fastening device. G. A. Tinnerman. 2,384,508; Sept. 11.
Fastening device. G. A. Tinnerman. 2,386,824; Oct. 16.
Fastening device. G. A. Tinnerman. 2,390,750–2; Dec. 11.
Fastening device. G. A. Tinnerman. 2,391,046; Dec. 18.
Fastening device. F. von Opel. 2,373,722; Apr. 17.
Fastening device, Plate. J. De Mooy. 2,388,603; Nov. 6.
Fastening device, Shingle. A. C. Olsen. 2,368,867; Feb. 6.
Fastening devices, Forming. H. W. Kost. 2,383,133; Aug. 21.
Fastening devices, Stud member for quick detachable. W. H. Barlow. 2,391,288; Dec. 18.
Fastening for fibrous boards. J. S. Irvine and R. F. Clark. 2,376,698; May 22.
Fastening for life rafts. Releasable. H. G. Morner. 2,377,803; June 5.
Fastening holder. W. H. Barlow. 2,378,122; June 12.
Fastening-inserting machine. E. C. Gill. 2,376,910; May 29.
Fastening-inserting machine. J. T. Lancaster. 2,374,359; Apr. 24.
Fastening inserting machine. C. A. Robinson. 2,381,985; Aug. 14.
Fastening means. J. H. Booth. 2,377,397; June 5.
Fastening means. J. W. Simmons. 2,389,278; Nov. 20.
Fastening means. G. A. Tinnerman. Re. 22,673; Sept. 11.
Fastening means and applying same, Plastic. H. J. Luth and H. B. Scheidemantel. 2,366,274; Jan. 2.
Fastening means, Rail. R. T. Scholes. 2,385,032; Sept. 18.
Fastening strips, Making. R. Dasher. 2,369,026; Feb. 6.
Fat products, Stabilization of. F. A. Norris. 2,377,029; May 29.
Fat products, Stabilization of. F. A. Norris. 2,377,031; May 29.
Fat-soluble vitamin concentrates, Producing. L. O. Buxton. 2,389,955; Nov. 27.
Fats and fatty oils, Treating. H. D. Allen and W. A. Kline. 2,383,579; Aug. 28.
Fats and fatty oils, Treating. G. I. Keim. 2,383,601; Aug. 28.
Fats, Hydrolyzing. R. C. Daniels. 2,387,884; Oct. 30.
Fats, Treating raw animal. E. Ratner. 2,388,284; Nov. 6.
Fatigue testing machine, Rotating-beam-tube. T. T. Oberg. 2,376,379; May 22.
Fatty acids, Preparation of. A. G. Houpt. 2,378,359; June 12.
Fatty bodies, Treating. J. D. Fitzpatrick and L. D. Myers. 2,369,036; Feb. 6.
Fatty material, Stabilization of. L. C. Brown. 2,377,610; June 5.
Fatty materials, Preparing. C. J. Arrowsmith and J. Ross. 2,383,581; Aug. 28.
Fatty materials, Stabilization of. G. W. Phelps and H. C. Black. 2,374,234; Apr. 24.
Fatty materials, Treating. C. J. Arrowsmith and J. Ross. 2,383,580; Aug. 28.
Fatty products, Stabilization of. F. A. Norris. 2,377,030; May 29.
Faucet. C. V. Di Pietro. 2,371,432; Mar. 13.
Faucet. W. S. Du Charme. 2,375,980; May 15.
Faucet. J. M. Haldane. 2,372,081; Mar. 20.
Faucet. A. M. Moen. 2,373,702; Apr. 17.
Faucet attachment. M. Durst. 2,380,687; July 31.
Faucet attachment. H. R. Klein. 2,382,066; Aug. 14.
Faucet attachment. F. B. Williams. 2,370,433; Feb. 27.
Faucet connection, Quick-detachable. E. B. Bird. 2,371,375; Mar. 13.
Faucet, Dispensing. L. T. Ward. 2,388,026; Oct. 30.
Faucet handle. B. R. Crampton. 2,377,541; June 5.
Faucet, Sterile drawoff. F. A. Blashfield. 2,381,031; Aug. 7.
Faucet, Swing. F. Klein. 2,383,724; Aug. 28.
Faucet, Swing spout mixing. J. J. Delany. 2,389,599; Nov. 27.
Feather picker for fowls. W. R. Smith. 2,389,006; Nov. 13.
Feed and orienting mechanism, Washer. N. V. Kuehlman. 2,369,785; Feb. 20.
Feed apparatus, Cloth string. W. J. Simonds. 2,378,333; June 12.
Feed-back circuit. S. R. Jordan. 2,372,956; Apr. 3.
Feed carriage assembly for lathes. R. G. Le Tourneau. 2,383,266; Aug. 21.
Feed control for automatic screw machines. A. Slovak. 2,377,383–4; June 5.
Feed control for lining machines. J. Belada. 2,391,381; Dec. 25.
Feed control, Liquid fuel. T. J. Stephens. 2,381,372; Aug. 7.

Feed control, Machine gun. J. C. Trotter. 2,376,736; May 22.
Feed control means for duplicating machines, Hand. O. E. Rosen. 2,384,196; Sept. 4.
Feed device, Ammunition. G. W. Downer. 2,388,958; Nov. 13.
Feed device, Paper. G. W. Wender. 2,387,311; Oct. 23.
Feed, Filler tobacco. F. C. Gladeck. 2,378,921; June 26.
Feed for drapers, Supplemental. E. C. Graves. 2,389,193; Nov. 20.
Feed for filling machines, Container. J. Kantor. 2,370,969; Mar. 6.
Feed for fountain pens. D. Juelss. 2,380,763; July 31.
Feed for machine tools, Automatic chuck and stock. O. and H. O. Kylin, and M. L. Valentino. 2,369,466; Feb. 13.
Feed for photographing machines, Document. F. J. Schutt. 2,377,525; June 5.
Feed for plastic molding machines. F. W. McIntyre. 2,380,536; July 31.
Feed for plastic molding machines, Auxiliary scrap. W. O. Nichols. 2,382,655; Aug. 14.
Feed for tools, Adjustable. J. E. Kline. 2,386,901; Oct. 16.
Feed for woodworking machines, Board. C. M. Herz. 2,387,446; Oct. 23.
Feed, Livestock. W. P. Elmslie. 2,372,476; Mar. 27.
Feed means for cleaning machines. J. F. Malsbary 2,391,177; Dec. 18.
Feed mechanism. W. F. Ocenasek. 2,384,732; Sept. 11.
Feed mechanism. C. Paulsen. 2,389,929; Nov. 27.
Feed mechanism and weighing device, Combined. W. P. Valerino and J. A. Menendez. 2,367,247; Jan. 16.
Feed mechanism, Bin. F. G. Julyan. 2,387,399; Oct. 23.
Feed mechanism, Cartridge power. R. N. Nelson. 2,379,451; July 3.
Feed mechanism for cartridge belts. G. T. Bixby. 2,388,670; Nov. 13.
Feed mechanism for cartridge belts. G. C. Gentry and W. S. Boals. 2,375,219; May 8.
Feed mechanism for endless belt conveyers. C. M. Fuller, Jr. 2,368,352; Jan. 30.
Feed mechanism for punching and stamping presses, Automatic. J. Haller. 2,379,002; June 26.
Feed mechanism of machine and like automatic guns. J. Dobfemysl. 2,383,780; Aug. 28.
Feed of exhaust gases to turbo superchargers. A. P. E. Planiol. 2,379,541; July 3.
Feed, Paper. J. T. Ferry. 2,369,729; Feb. 20.
Feed pusher. C. S. Kasper. 2,389,913; Nov. 27.
Feed section unit for electric wiring systems. J. F. O'Brien. 2,385,375; Sept. 25.
Feed system for steam power plants, Closed. H. Hillier. 2,371,443; Mar. 13.
Feed-water connection to boiler drum. W. S. Patterson and J. L. Barnes. 2,388,177; Oct. 30.
Feed water heater. B. R. McBath. 2,376,068; May 15.
Feeder: *See*—

Corrugated paperboard chick feeder.	Poultry and live stock feeder.
Dry chemical feeder.	Rivet feeder.
Electrically vibrated feeder.	Sheet feeder.
Glass feeder.	Solids feeder.
Hog feeder.	Stock feeder.
Hydraulic sand feeder.	Sugar cane feeder.
Percentage feeder.	Vacuum feeder.
	Wire feeder.

Feeder for automatic firearms. G. Webb. 2,388,453; Nov. 6.
Feeder for die presses. E. E. Buchan. 2,381,571; Aug. 7.
Feeder for driers. R. T. Gaumer. 2,366,779; Jan. 9.
Feeder for lumber grading tables, Automatic. E. F. Bassler. 2,374,659; May 1.
Feeder head. R. P. Scherer. 2,367,802; Jan. 23.
Feeder to container capping machines or the like. M. S. Resina. 2,371,650; Mar. 20.
Feeding and blanking die mechanism. H. D. Handley. 2,366,728; Jan. 9.
Feeding and embossing mechanism, Closure. J. E. Sharp. 2,380,194; July 10.
Feeding and marking device, Cover. W. Diezel. 2,386,845; Oct. 16.
Feeding and orienting method and apparatus. G. N. Hein. 2,372,325; Mar. 27.
Feeding and regulating means for machine-tools. A. W. Menzies. 2,372,906; Apr. 3.
Feeding apparatus for chicks. M. P. Niersbach. 2,383,732; Aug. 28.
Feeding apparatus, Livestock. A. D. Duncan. 2,384,900; Sept. 18.
Feeding apparatus, Material. W. MacWilliam and K. Pape. 2,369,359; Feb. 13.
Feeding device. M. D. Heyman. 2,385,988; Oct. 2.
Feeding device. R. Luthi. 2,371,177; Mar. 13.
Feeding device. J. H. Murch. 2,374,694; May 1.
Feeding device. R. P. Place. 2,385,643; Sept. 25.
Feeding device. E. E. Richey. 2,373,600; Apr. 10.
Feeding device, Automatic. L. F. Glaude. 2,388,405; Nov. 6.
Feeding device for automatic firearm. G. Webb. 2,375,453; May 8.
Feeding device for automatic machines. G. Dearsley and R. W. Harris. 2,373,747; Apr. 17.
Feeding device for rock drills. P. A. Lincoln. 2,379,811; July 3.
Feeding device, Rivet. L. G. Speth. 2,373,509; Apr. 10.
Feeding device, Web. R. A. Lake. 2,389,200; Nov. 20.
Feeding means for machine tools, Workpiece. H. King. 2,382,013; Aug. 14.
Feeding mechanism. N. R. Krause and S. C. Heth. 2,390,949; Dec. 11.
Feeding mechanism. O. J. Schorer. 2,385,946; Oct. 2.
Feeding mechanism for container parts. J. A. Moore. 2,387,766; Oct. 30.
Feeding mechanism for sewing machines. A. B. Clayton. 2,386,660; Oct. 9.
Feeding mechanism for threshing combines. H. S. Ausherman. 2,390,680; Dec. 11.
Feeding system, Conveyer. J. W. Stiles. 2,389,696; Nov. 27.
Feeler, Filling. J. M. Tuten. 2,379,403; June 26.
Felt conditioning, Method and apparatus for. T. S. Jordan. 2,368,662; Feb. 6.
Felting method and machine. J. A. Gould. 2,372,484; Mar. 27.
Fence, Haystack. U. M. Coe. 2,376,903; May 29.
Fence post or the like. W. Rasso. 2,384,338; Sept. 4.
Fence, Single-row scour prevention. T. M. Joyce and P. L. Fite. 2,381,290; Aug. 7.
Fence, Snow. P. Tholstrup. 2,389,395; Nov. 20.
Fender shield attaching clamp. A. P. Fergueson and G. W. Schatzman. 2,372,070; Mar. 20.
Fender shield construction and assembly. G. A. Lyon. 2,368,231; Jan. 30.
Fender shield fastener. A. P. Fergueson and G. W. Schatzman. 2,372,069; Mar. 20.
Fender shield molding. A. P. Fergueson. 2,369,035; Feb. 6.
Fender, Vehicle. B. J. Craig. 2,379,341; June 26.
Fermentable matter, Treatment of. M. V. H. Prinz 2,374,620; Apr. 24.
Fermentation processes. C. Weizmann. 2,386,374; Oct. 9.
Fermentation residues, Treating. W. Dennis. 2,375,288; May 8.
Fermentation, System of continuous. F. Alzola. 2,371,208; Mar. 13.
Ferricyanide, Purification of. L. L. Lento, Jr., and A. G. Houpt. 2,366,915; Jan. 9.
Ferromagnetic material, Manufacture of. D. A. Oliver. 2,381,363; Aug. 7.
Ferromanganese, Manufacture of. P. Adeline. 2,370,610; Feb. 27.
Ferrous metal articles, Producing. F. G. Buffum. 2,380,385; July 31.
Ferrous metal bodies, Thermochemically treating. J. A. Hoffman. 2,366,787; Jan. 9.
Ferrous metals by ammoniacal solutions of ammonium nitrate, Preventing corrosion of. C. K. Lawrence and R. F. Engel. 2,366,796; Jan. 9.
Ferrule attaching machine, Automatic. J. L. Vaill. 2,377,829; June 5.
Ferrule for caps of containers, Nonmetallic. F. Mallgraf. 2,390,721; Dec. 11.
Fertilizer distributor. A. W. Molinare. 2,370,744; Mar. 6.
Fertilizer distributor. C. H. White. 2,369,508; Feb. 13.
Fiberboard, Manufacture of surface-hardened. H. E. Walter. 2,375,450; May 8.
Fiber-body articles, Making. K. J. Kopplin. 2,378,642; June 19.
Fiber composition, Moldable. A. J. Hanley. 2,378,477; June 19.
Fiber container. F. J. O'Brien. 2,369,975; Feb. 20.
Fiber container or other fiber articles, Producing potential openings in a. R. G. Beaton. 2,390,072; Dec. 4.
Fiber cutting machine. J. V. Weinberger. 2,379,844; July 3.
Fiber, Drafting textile. E. H. Rooney. 2,387,091; Oct. 16.
Fiber felts, Forming. R. N. Brownlee. 2,389,024; Nov. 13.
Fiber handling mechanism. C. A. Smith. 2,372,343; Mar. 27.
Fiber liberation, Floss. B. Berkman. 2,375,186; May 8.
Fiber, Manufacture of staple. A. L. Jackson. 2,384,032; Sept. 4.
Fiber products, Making compressed. H. K. Linzell. 2,388,487; Nov. 6.
Fibers and manufacture thereof, Artificial. R. A. Boyer, W. T. Atkinson, and C. F. Robinette. 2,377,854; June 12.
Fibers and sheets, Manufacture of rubberized. P. W. Pretzel. 2,375,245; May 8.
Fibers composition. Production of resinous felted. H. W. Richter and H. R. Gillette. 2,387,683; Oct. 23.
Fibers, Making artificial. M. Spertus. 2,371,075; Mar. 6.
Fibers, Making fine. A. W. Hanson. 2,385,358; Sept. 25.
Fibers, Manufacture of artificial textile. R. L. Wormell. 2,389,015; Nov. 13.
Fibers, Treating low rank textile. J. C. Elgin. 2,372,561; Mar. 27.
Fibers, Treatment of cellulosic. J. W. Stallings. 2,390,032; Nov. 27.
Fibrocementitious sheets, Manufacture of. J. Driscoll. 2,383,716; Aug. 28.
Fibrous article, Smooth surface. K. J. Kopplin. 2,373,033; Apr. 3.

Fibrous articles, Method of and apparatus for making. V. T. Paré. 2,384,958; Sept. 18.
Fibrous bodies, Fabrication of. A. M. Howald and L. S. Meyer. 2,375,365; May 8.
Fibrous conduit and manufacture. E. S. Reid. 2,370,193; Feb. 27.
Fibrous container. H. E. McCrery. 2,388,277; Nov. 6.
Fibrous material and the material treated by such process, Improving. C. Graenacher, R. Sallmann, O. Albrecht, and J. Frei. 2,370,031; Feb. 20.
Fibrous materials and agents therefor, Matting lustrous. G. De Niederhäusern. 2,376,908; May 29.
Fibrous materials and products so produced, Treating. L. Smidth. 2,376,200; May 15.
Fibrous product and making the same. J. G. Curado and A. C. Finalborgo. 2,372,713; Apr. 3.
Fibrous textile materials fast to slipping, Rendering. O. Albrecht. 2,390,046; Dec. 4.
Figured mobile toy. J. E. Plank. 2,377,646; June 5.
Filament joint structure for electric lamps. R. E. Smith. 2,366,292; Jan. 2.
Filament or cathode and manufacture, Coiled. W. P. Zabel. 2,371,205; Mar. 13.
Filament storage apparatus. J. Flaws, Jr. 2,372,072; Mar. 20.
Filament treating system. F. A. Barta. 2,388,945; Nov. 13.
Filament winding apparatus. E. Sirp. 2,371,780; Mar. 20.
Filament winding apparatus. E. Sirp. 2,371,782; Mar. 20.
Filamentary material, Method and apparatus for handling. A. Bruenner. 2,381,643; Aug. 7.
Filamentary material, Method and apparatus for treating. P. M. Cole and A. Lodge. 2,371,579; Mar. 13.
Filamentary materials, Handling. H. J. Taylor. 2,385,894; Oct. 2.
Filaments from molten organic compositions, Producing. E. T. Weibel. 2,369,506; Feb. 13.
Filaments or fibers, Method and mechanism for treating. B. F. McCreery. 2,373,768; Apr. 17.
Filaments, Process and apparatus for treating artificial. L. R. Mummery. 2,379,824; July 3.
Filaments, threads, films, and the like, Manufacture and production of artificial. H. J. Hegan and J. H. Givens. 2,375,650; May 8.
File band. L. Coddington. 2,372,553; Mar. 27.
File cabinet. H. C. Lindros. 2,372,504; Mar. 27.
File, Desk. G. J. Sengbusch. 2,380,678; July 31.
File, Fingernail. F. J. Sapyak. 2,388,292; Nov. 6.
File folder. J. B. Murray. 2,374,695; May 1.
File holder. M. A. Jaynes. 2,388,920; Nov. 13.
File, Rotary. F. H. Saltz. 2,883,944; Sept. 4.
File sharpening machine. A. H. Swartzwelder. 2,375,703; May 8.
Filing apparatus. R. P. Scholfield. 2,368,162; Jan. 30.
Filing cabinet. C. Z. Hubbell. 2,370,664; Mar. 6.
Filing cabinet. W. F. Regenhardt. 2,372,292; Mar. 27.
Filing cabinet. C. H. Van Donk. 2,378,114; June 12.
Filing device, Saw. M. Orskog. 2,383,151; Aug. 21.
Filing equipment, Card. G. C. Bruen. 2,372,249; Mar. 27.
Filing machine. B. Grob. 2,372,826; Apr. 3.
Filing machine. R. O. Hein. 2,367,864; Jan. 23.
Filing panel, Paper. R. E. Wells. 2,390,974; Dec. 11.
Filing receptacle. O. L. Cleven and L. A. Wilson. 2,389,612; Nov. 27.
Filing system. T. J. Watson and B. H. Phillips. 2,386,520; Oct. 9.
Filler and earth moving attachment for tractors, Trench. B. F. Arps. 2,370,830; Mar. 6.
Filler and making same, Activated. H. Burrell. 2,380,214; July 10.
Filler and siruper, Bottle. J. Kantor. 2,372,899; Apr. 3.
Fillers for paper-making, Diatomaceous earth. M. A. Harrison. 2,366,400; Jan. 2.
Filling and measuring apparatus. A. Rambold. 2,370,191; Feb. 27.
Filling and packaging machine, Continuous. H. F. Waters. 2,385,897; Oct. 2.
Filling body, Loosely dumped. H. Frischer. Re. 22,696; Nov. 27.
Filling device. J. G. Hoff. 2,366,529; Jan. 2.
Filling liquid gas bottles. R. B. Fannin. 2,387,894; Oct. 30.
Filling machine. C. T. Walter. 2,376,838; May 22.
Filling machine, Cartridge belt. J. H. Woodberry. 2,368,076; Jan. 23.
Filling machine, Liquid. C. W. Heinle. 2,380,434; July 31.
Filling machine, Rotary mold. F. Tager. 2,387,782; Oct. 30.
Filleting machine, Fish. C. M. Savrda. 2,381,560; Aug. 7.
Film actuating mechanism. F. O. Calvin, W. G. Wilson, and T. R. Smith. 2,377,756; June 5.
Film, Antihalation. G. F. Nadeau. 2,376,175; May 15.
Film, Antistatic. G. F. Nadeau and C. S. Hunter. 2,386,627; Oct. 9.
Film clip. C. Simpson. 2,387,471; Oct. 23.
Film, Composite therapeutic. F. C. Schmelkes and F. J. G. de Leeuw. 2,381,621; Aug. 7.
Film developing reel. A. Drucker. 2,369,220; Feb. 13.
Film drive mechanism. T. I. Ress. 2,367,140; Jan. 9.
Film drive mechanism, Motion picture. T. I. Ress. 2,374,038; Apr. 17.
Film drum drive for photophonographic apparatus. E. W. Kellogg. 2,385,863; Oct. 2.
Film exposing apparatus. A. E. Carlson. 2,387,881; Oct. 30.
Film feeding apparatus. D. Canady. 2,382,772; Aug. 14.
Film feeding device. J. A. Reyniers. 2,369,980; Feb. 20.
Film feeding mechanism for motion picture projection machines. E. Boecking. 2,369,207; Feb. 13.
Film for glass and producing same, Transmission. F. L. Jones and T. J. Zak. 2,369,741; Feb. 20.
Film-forming compositions. L. P. Hubbuch and P. Robinson. 2,370,962; Mar. 6.
Film, Grease-resistant. J. A. Mitchell and D. D. Lanning. 2,374,767; May 1.
Film handling apparatus and magazine for use therewith. O. W. Wilson and W. D. Foster. 2,391,497; Dec. 25.
Film holder. E. G. Forssell. 2,389,495; Nov. 20.
Film holding clip. H. S. Wolf. 2,370,434; Feb. 27.
Film magazine. F. H. Owens. 2,384,637; Sept. 11.
Film magazine and driving mechanism, Camera. H. C. Cunningham. 2,379,690.
Film marking and mark indicating system. W. O. Watson. 2,379,505; July 3.
Film marking system. J. W. Jones, Jr. 2,385,861; Oct. 2.
Film, Method and apparatus for making. G. F. Nadeau. 2,369,484; Feb. 13.
Film, method and apparatus for treating plastic. H. L. Young. 2,373,215; Apr. 10.
Film mount slide. J. J. Bradford. 2,390,053; Dec. 4.
Film processing apparatus. A. R. Hansen. 2,378,217; June 12.
Film reel. J. Isaac. 2,384,621; Sept. 11.
Film reel. J. Robertson. 2,380,790; July 31.
Film registering mechanism. A. W. Tondreau. 2,366,578; Jan. 2.
Film registration, Cinematographic. G. F. Rackett. 2,369,176; Feb. 13.
Film reproducing system, Sound. E. C. Manderfeld. 2,373,840; Apr. 17.
Film scanning device. J. Küffer. 2,387,592; Oct. 23.
Film selector device, Multiple sound track. J. J. Rausch. 2,373,260; Apr. 10.
Film splicing apparatus. J. Bolsey. 2,367,330; Jan. 16.
Film, Subbing photographic. A. E. Beguin and D. R. Swan. 2,388,817; Nov. 13.
Film transport mechanism. C. Widell. 2,384,358; Sept. 4.
Films, Making photographic. R. W. Tyler. 2,384,657; Sept. 11.
Films, Method and apparatus for forming. A. F. Turner. 2,373,639; Apr. 10.
Films, Producing motion picture. I. M. Terwilliger. 2,375,962; May 15.

Filter; *See*—

Adsorption filter.	Liquid bath filter.
Air filter.	Liquid filter.
Continuous industrial filter.	Oil filter.
Electric wave filter.	Pipe line filter.
Electrical filter.	Portable filter.
Fluid filter.	Pressure filter.
Gas filter.	Self-cleaning filter.
	Water filter.

Filter. W. G. Burhans. 2,375,345; May 8.
Filter. H. E. Carter. 2,388,668; Nov. 13.
Filter. W. Carter and G. Winchell. 2,386,433; Oct. 9.
Filter. G. E. Franck. 2,367,935; Jan. 23.
Filter. W. W. Hallinan. 2,389,431; Nov. 20.
Filter. M. G. Hastings and H. J. Hayward. Re. 22,651; June 12.
Filter. M. G. Hastings and H. J. Hayward. 2,368,216; Jan. 30.
Filter. W. A. Hermanson. 2,386,684; Oct 9.
Filter. C. E. Hunziker. 2,381,453; Aug. 7.
Filter. W. Kasten. 2,367,873; Jan. 23.
Filter. S. P. Kinney. 2,371,760; Mar. 20.
Filter. R. J. Koupal. 2,391,716; Dec. 25.
Filter. A. C. Kracklauer. 2,379,582; July 3.
Filter. E. Longden. 2,390,841; Dec. 11.
Filter. W. Marselus. 2,367,794; Jan. 23.
Filter. W. J. Neisingh. 2,383,672; Aug. 28.
Filter. J. A. Pickard. 2,374,953; May 1.
Filter. W. B. Pond and G. R. Holt. 2,389,814; Nov. 27.
Filter. W. B. Pumphrey. 2,386,506; Oct. 9.
Filter. W. H. Sayler. 2,379,930; July 10.
Filter. D. G. Taylor. 2,372,865; Apr. 3.
Filter. L. L. Thompson. 2,381,627; Aug. 7.
Filter. P. Van Winkle. 2,390,628; Dec. 11.
Filter. C. G. Yokes. 2,381,705; Aug. 7.
Filter. J. M. Walker, Jr. 2,376,739; May 22.
Filter. W. Widmann. 2,382,278; Aug. 14.
Filter. A. Wright. 2,371,417; Mar. 13.
Filter and diaphragm control, Eyepiece. J. H. Eagle. 2,371,744; Mar. 20.
Filter and strainer medium. L. A. Kisch. 2,374,755; May 1.
Filter and water purifier. F. Senyal. 2,372,340; Mar. 27.
Filter bed cleaning. P. B. Streander. 2,389,329; Nov. 20.
Filter bed expansion control. W. H. Green. 2,376,912; May 29.
Filter bottom. J. P. Myron. 2,378,239; June 12.
Filter control for aircraft engines and superchargers. E. S. Thompson. Re. 22,656; July 31.

Filter control for aircraft engines and superchargers. E. S. Thompson. 2,368,501; Jan. 30.
Filter devices for coffee makers. A. J. Peterson. 2,390,269; Dec. 4.
Filter for coffee makers. M. Aycock. 2,366,951; Jan. 9.
Filter for coffee making, Strainer. F. J. Burnham. 2,381,104; Aug. 7.
Filter for inspirators. W. B. Ensign and J. H. Flynn. 2,378,839; June 19.
Filter for liquids or gases. C. G. Vokes. 2,387,368; Oct. 23.
Filter for swimming pools. W. G. Chambers. 2,367,997; Jan. 23.
Filter frame. F. E. Wolcott and L. V. Lucia. 2,373,987; Apr. 17.
Filter material. R. Karlström. 2,389,435; Nov. 20.
Filter medium. E. C. Lathrop and S. I. Aronovsky. 2,372,437; Mar. 27.
Filter medium, Producing a. A. M. Goodloe. 2,382,560; Aug. 14.
Filter-packs and manufacture. W. Kasten. 2,375,246; May 8.
Filter preparations, Stabilized. E. Schwenk and E. E. Henderson. 2,377,188; May 29.
Filter replacement unit. J. D. Wicks. 2,367,745; Jan. 23.
Filter structure. S. C. Zylstra. 2,378,879; June 19.
Filter unit. S. W. Briggs. 2,375,765; May 15.
Filter unit and making the same. P. F. McDermott. 2,383,066; Aug. 21.
Filtering apparatus. G. G. Allan. 2,369,124; Feb. 13.
Filtering apparatus. H. Lehrecke. 2,377,252; May 29.
Filtering apparatus. W. Smalley. 2,384,972; Sept. 18.
Filtering apparatus and process. F. H. McBerty. 2,374,114; Apr. 17.
Filtering device. P. B. Kraus. 2,383,868; Aug. 28.
Filtering device. L. V. Lucia. 2,370,674; Mar. 6.
Filtering device, Respiratory. J. B. Biederman. 2,478,971; June 26.
Filtering means. J. J. Naugle. 2,381,462; Aug. 7.
Filtering medium. J. M. Garriga. 2,387,726; Oct. 30.
Filters, Washing rotating drum. J. A. Selensky. 2,379,754; July 3.
Filtration. W. Kiersted, Jr. Re. 22,646; May 29.
Filtration. L. A. Tarbox. 2,385,238; Sept. 18.
Fin means for aircraft, Detachable auxiliary. L. M. Griffin. 2,373,677; Apr. 17.
Fins, Cooling. W. B. Bronander. 2,371,144; Mar. 13.
Fins from molded products, Removing. W. E. Kopplin. 2,380,653; July 31.
Finder, Course intersection. F. A. Reece. 2,370,753; Mar. 6.
Finder, Range. E. G. Lurcott, Jr. 2,373,249; Apr. 10.
Finder, View and range. E. K. Kaprelian. 2,384,552; Sept. 11.
Fine measurements, Making. J. R. Cornelius. 2,387,496; Oct. 23.
Fingernail drier. J. R. Corbett. 2,374,472; Apr. 24.
Fingerprinting apparatus. H. J. Doepner. 2,384,018; Sept. 4.
Finish for textiles, Permanent. J. M. Hood. 2,371,892; Mar. 20.
Finishes to the surface of wood or other porous materials, Applying. A. Klammt and G. W. Kretzschmar. 2,375,113; May 1.
Finishing composition and making. J. M. Fain. 2,368,126; Jan. 30.
Finishing of cloth. D. W. Light. 2,370,362; Feb. 27.
Finishing seam and method. I. F. Webb. 2,372,632; Mar. 27.
Finishing system. Wood. M. M. Wilson and W. E. Be. 2,381,944; Aug. 14.
Finishing treatment for felt and felt hat bodies. E. Loy. 2,379,643; July 3.
Fire alarm apparatus. E. F. Bates. 2,369,521; Feb. 13.
Fire alarm system. H. S. Jones. 2,376,920; May 29.
Firearm. B. Baker and C. H. Barnes. 2,377,661; June 5.
Firearm. C. E. Balleisen. 2,372,652; Apr. 3.
Firearm. J. J. Collins. 2,386,543; Oct 9.
Firearm. H. E. Eklund. 2,388,396; Nov. 6.
Firearm. J. C. Garand. 2,377,338; June 5.
Firearm. J. C. Garand. 2,386,205; Oct. 9.
Firearm. M. M. Johnson, Jr. 2,377,692; June 5.
Firearm. C. C. Loomis. 2,377,703; June 5.
Firearm. C. C. Loomis. 2,387,669; Oct. 23.
Firearm. K. J. Lowe. 2,369,244; Feb. 13.
Firearm. E. G. Reising. 2,374,621; Apr. 24.
Firearm. C. E. Simpson. 2,379,461; July 3.
Firearm. M. H. Walker. 2,383,356; Aug. 21.
Firearm. D. M. Williams. 2,373,622; Apr. 10.
Firearm. D. M. Williams. 2,377,737; June 5.
Firearm adapted to be used in carriages. Automatic shoulder. W. Rossmanith. 2,376,726; May 22.
Firearm attachment. C. F. Trafford. 2,391,659; Dec. 25.
Firearm, Automatic. J. Dobřemysl. 2,367,488; Jan. 16.
Firearm, Automatic. H. Lippert and E. Hepperle. 2,380,455; July 31.
Firearm, Automatic. G. Webb. 2,375,452; May 8.
Firearm, Bolt-action. R. Rice. 2,374,378; Apr. 24.
Firearm, Electrical. F. F. Leininger. 2,381,547; Aug. 7.
Firearm extractor. F. C. Speed. 2,373,608; Apr. 10.
Firearm foregrip. M. M. Johnson, Jr. 2,386,802; Oct. 16.
Firearm, Gas-operated self-loading. H. L. Crockett. 2,370,233; Feb. 27.
Firearm, Gas-operated self-loading. C. G. Swebilius. 2,373,204; Apr. 10.
Fire arm, repeating. C. G. Swebilius. 2,373,794; Apr. 17.
Firearm, Self-loading. W. C. Roemer. 2,372,339; Mar. 27.
Firearm sight. G. F. Prideaux. 2,385,649; Sept. 25.
Firearms, Disconnector means in self-charging. H. E. Eklund. 2,390,061; Dec. 4.
Firearms, Piston means for gas-operated. D. M. Williams. 2,376,466; May 22.
Firebox and combustion chamber construction. H. A. Lacerda. 2,373,571; Apr. 10.
Firebox equipment, Locomotive. C. A. Siegel. 2,379,597; July 3.
Fire control. R. I. Markey. 2,388,489; Nov. 6.
Fire control means. L. H. Brown. 2,385,343; Sept. 25.
Fire control system. J. S. Detwiler. 2,373,877; Apr. 17.
Fire-detecting system. F. C. Evans and K. O. Donelian. 2,385,976; Oct. 2.
Fire detection system. F. C. Evans. 2,387,752; Oct. 30.
Fire director apparatus for antiaircraft guns. A. Svoboda. 2,385,952; Oct. 2.
Fire director for antiaircraft guns. A. Svoboda. 2,372,613; Mar. 27.
Fire door frame. G. McCormick and B. M. Brown. 2,387,523; Oct. 23.
Fire engine pump assembly. B. D. Barton and A. P. Adney. 2,372,308; Mar. 27.
Fire escape. A. E. McDonnell. 2,390,955; Dec. 11.
Fire escape apparatus. H. D. Elwood. 2,381,811; Aug. 7.
Fire escape apparatus for aerial ladder trucks. H. D. Elwood. 2,381,812; Aug. 7.
Fire escape chute mounting. H. D. Elwood. 2,375,407; May 8.
Fire escape chute support. H. D. Elwood. 2,381,810; Aug. 7.
Fire extinguisher. W. F. Blake. 2,384,526; Sept. 11.
Fire extinguisher. C. B. Eaton. 2,373,819; Apr. 17.
Fire extinguisher. J. C. Eckert, Jr. 2,383,048; Aug. 21.
Fire extinguisher. G. G. Griswold and F. J. Lee. 2,389,501–2; Nov. 20.
Fire extinguisher. R. C. Iddings, E. R. Bork, and H. G. Williams. 2,383,129; Aug. 21.
Fire extinguisher. W. Koehler. 2,385,449; Sept. 25.
Fire extinguisher. C. B. White and C. H. Lindsay. 2,377,735; June 5.
Fire extinguisher, Hand. S. Boal. 2,375,615; May 8.
Fire extinguisher means. D. M. Myers. 2,378,426; June 19.
Fire extinguishing apparatus. F. J. Lee. 2,381,606; Aug. 7.
Fire extinguishing composition. R. E. Sargent and M. W. M. Devitt. 2,388.014; Oct. 30.
Fire extinguishing composition and the manufacture thereof. G. A. Fasold and H. W. Greider. 2,385,500; Sept. 25.
Fire extinguishing method and apparatus. L. D. Myers. 2,387,935; Oct. 30.
Fire extinguishing method and apparatus. H. V. Williamson. 2,387,963; Oct. 30.
Fire extinguishing system. H. C. Grant, Jr., 2,378,404; June 19.
Fire extinguishing unit. J. L. Hull and F. J. Lee. 2,381,749; Aug. 7.
Fire-foam producing apparatus. H. E. Bedford. 2,373,009; Apr. 3.
Fire hose coupling. T. R. Smith. 2,389,825; Nov. 27.
Fire hose, Fabric. J. W. Stallings. 2,390,033; Nov. 27.
Fire hose safety bracket. N. H. Duffield and C. F. Jackson. 2,371,959; Mar. 20.
Fireplace heater. D. H. Lamar. 2,371,398; Mar. 13.
Fireproofing compositions. M. Leatherman. 2,378,714–15; June 19.
Fire protective means for safes, cabinets, etc. J. D. Brush. 2,377,990; June 12.
Fire resistant portfolio, document folder, or the like. H. Cibert. 2,383,108; Aug. 21.
Fire resisting cabinet. J. H. Page. 2,390,732; Dec. 11.
Fire-retardant and water-repellent finishes, Formation of. A. A. Cook and E. B. Whitworth. 2,381,487; Aug. 7.
Fire-tube boiler. H. G. Sawyer. 2,388,647; Nov. 6.
Fire unit. S. T. Howard. 2,367,216; Jan. 16.
Firing control mechanism. B. P. Joyce. 2,372,327; Mar. 27.
Firing device for the fuses of bombs, flares, and the like. T. F. Giles. 2.382,872; Aug. 14.
Firing head for gun perforators. J. G. Smylie. 2,388,938; Nov. 13.
Firing mechanism. C. V. Crockett, Jr., and C. H. Bouvy. 2.375,627; May 8.
Firing mechanism. W. B. Ruger. 2,388,443; Nov. 6.
Firing mechanism. W. Summerbell. 2,366,758; Jan. 9.
Firing mechanism barrier. W. E. Thibodeau and G. J. Kessenich. 2.367,246; Jan. 16.
Firing mechanism for firearms. J. W. Norman. 2,380,326; July 10.
Firing mechanism for repeating firearms. V. A. Browning. 2,385,057; Sept. 18.
Firing mechanism, Impact. W. E. Thibodeau and G. J. Kessenich. 2,367,245; Jan. 16.
Firing rate reducer. C. W. Gilligan. 2,384,832; Sept. 18.
Firing rate reducer. C. E. Simpson. 2,384,854; Sept. 18.

First-aid kit and stretcher. Z. T. Egardner. 2,385,067; Sept. 18.
Fish cleaning machine. L. H. Funkey. 2,370,947; Mar. 6.
Fish food, Making. R. D. Eisaman. 2,371,682; Mar. 20.
Fishhook. H. P. Birkemeier. 2,385,602; Sept. 25.
Fishhook. B. M. Hammond. 2,385,274; Sept. 18.
Fishhook. T. K. Oden and R. L. Wight. 2,383,073; Aug. 21.
Fishhook. W. W. Weichselbaum. 2,366,662; Jan. 2.
Fishhook holder. J. E. Groulx. 2,371,517; Mar. 13.
Fishhook making machine. W. J. DeWitt, E. L. Ott, and W. B. Runk. 2,379,886; July 10.
Fish line assembly connector. S. L. Hardin. 2,390,584; Dec. 11.
Fish lure. O. A. Fiskaali. 2,383,246; Aug. 21.
Fish lure. W. D. Fugler. 2,374,279; Apr. 24.
Fish lure. W. M. Gambill. 2,386,105; Oct. 2.
Fish lure. M. J. Haberkorn. 2,381,279; Aug. 7.
Fish lure. L. H. Pecher. 2,380,328; July 10.
Fish lure. D. Rosegard. 2,373,417; Apr 10.
Fish lure. C. T. Spear. 2,381,231; Aug. 7.
Fish lure. V. Van Buren. 2,378,370; June 12.
Fish lure. R. B. Worden. 2,389,883; Nov. 27.
Fish pick. M. Niemi. 2,391,185; Dec. 18.
Fish water, Treatment of. R. C. Ernst. 2,371,812; Mar. 20.
Fishing apparatus. H. B. Crowell. 2,370,013; Feb. 20.
Fishing bait, Artificial. R. J. Baldesberger. 2,381,099; Aug. 7.
Fishing line reel. D. Dileo. 2,389,602; Nov. 27.
Fishing line reel brake. D. Dileo. 2,390,356; Dec. 4.
Fishing lure. V. R. Evans. 2,389,423; Nov. 20.
Fishing lure. J. P. Godlewski. 2,387,255; Oct. 23.
Fishing reel. J. T. King. 2,388,979; Nov. 13.
Fishing reel. J. T. King. 2,389,515; Nov. 20.
Fishing reel. R. P. McMahon. 2,366,920; Jan. 9.
Fishing reel. N. A. Nelson. 2,380,670–1; July 31.
Fishing reel construction. F. H. Boor. 2,380,213; July 10.
Fitting, Cargo tie-down. R. Blagden. 2,386,836; Oct. 16.
Fitting, Compression. C. A. Norgren. 2,381,554; Aug. 7.
Fitting for hand luggage, Detachable wardrobe. P. E. Nicholas. 2,384,332; Sept. 4.
Fitting for machining pipe and the like, Lathe. K. W. Couse. 2,370,718; Mar. 13.
Fitting for plumbing systems. F. A. Warren. 2,379,669; July 3.
Fitting for use with oil well tubing or the like. D. P. Oak. 2,366,547; Jan. 2.
Fitting insulating cover. O. A. Abrams and O. Schubert. 2,390,632; Dec. 11.
Fitting, Tank. M. M. Cunningham. 2,366,442; Jan. 2.
Fitting-up tool. G. C. Erwin and T. B. Lawrence. 2,379,136; June 26.
5-aminahexahydropyrimidines and preparing same. M. Senkus. 2,387,043; Oct. 16.
5-Nitronhexahydropyrimidines and preparation thereof. M. Senkus. 2,391,847; Dec. 25.
5-substituted-5-(2-thienyl) hydantoins. J. J. Spurlock. 2,366,221; Jan. 2.
Fixation, Ground. T. K. Miles. 2,378,235; June 12.
Fixed loop antenna mounting. F. E. Johnston. 2,375,418; May 8.
Fixture: *See*—
Cam fixture. Surgical fixture.
Fixture. L. H. Gaudreau. 2,385,354; Sept. 25.
Fixture. B. Y. James. 2,368,838; Feb. 6.
Fixture, Article assembling. C. C. McCain. 2,387,083; Oct. 16.
Fixture, Clamping. E. F. Hohwart. 2,370,351; Feb. 27.
Fixture, Clamping. N. M. Marsilius. 2,380,661; July 31.
Fixture, Clamping. C. L. Ott. 2,384,391; Sept. 4.
Fixture, Curtain rod or drapery. A. A. Allen. 2,383,104; Aug. 21.
Fixture, Die. H. G. Groehn. 2,371,047; Mar. 6.
Fixture, Fluorescent. E. F. Guth. 2,369,228; Feb. 13.
Fixture for grinding thread-cutting tools. H. C. Wilson. 2,385,902; Oct. 2.
Fixture, Gluing. C. F. Kramer and W. G. Nelson. 2,391,426; Dec. 25.
Fixture, Grinding. C. H. Klein. 2,391,317; Dec. 18.
Fixture holder. S. A. Baker. 2,378,121; June 12.
Fixture, Layout. C. H. Miller. 2,380,664; July 31.
Fixture, Lens spacing. C. E. Bahn. 2,381,098; Aug. 7.
Fixture, Lighting. E. F. Guth. 2,379,798; July 3.
Fixture, Lighting. R. G. Maurette. 2,383,007; Aug. 21.
Fixture, Lighting. E. C. Zimmerman. 2,372,874; Apr. 3.
Fixture, Locating. C. D. Hargadon. 2,374,286; Apr. 24.
Fixture, Mating. W. F. Pioch and G. E. Scarlett. 2,391,510; Dec. 25.
Fixture, Milling. G. D. Shaeffer. 2,386,146; Oct. 2.
Fixture, Plating. J. T. Saas. 2,372,296–7; Mar. 27.
Fixture, Plating. J. W. Wanner. 2,367,909; Jan. 23.
Fixture, Portable electric lighting. D. J. Biller. 2,382,538; Aug. 14.
Fixture, Shoeshine. J. G. Nevin. 2,383,150; Aug. 21.
Fixture, Shower. C. R. Morris. 2,380,665; July 31.
Fixture, Surgical. W. L. Mermis. 2,386,134; Oct. 2.
Fixture, Wall. J. Gerity, Jr., and W. A. Claus. 2,366,447; Jan. 2.
Fixture, Washing machine. J. F. Sheerin. 2,370,498; Feb. 27.
Fixture, Work. E. A. Bigarani and F. E. Renick. 2,369,645; Feb. 20.
Flag mounting. L. Schillinger. 2,368,783; Feb. 6.
Flagpole and flag manipulating means. R. Ellis. 2,377,219; May 29.
Flake for decorative and protective coatings. W. W. Castor. 2,387,243; Oct. 23.
Flame arrester. J. D. Meikle. 2,379,735; July 3.
Flame cultivation of plants. P. C. McLemore. 2,369,154; Feb. 13.
Flame hardening. S. Smith. 2,367,969; Jan. 23.
Flame hardening apparatus. R. G. Le Tourneau. 2,375,119; May 1.
Flame hardening apparatus. W. E. Smith. 2,372,298; Mar. 27.
Flame hardening head. H. E. Spieth. 2,367,898; Jan. 23.
Flame quencher, Gas engine exhaust. R. P. Arms. 2,382,386; Aug. 14.
Flange and fairing assembly, Wheel rim. C. Hollerith. 2,380,649; July 31.
Flange facing tool. P. B. Wallace. 2,383,753; Aug. 28.
Flange, Outlet collar. R. Haynes. 2,374,993; May 1.
Flange, Pipe. W. H. Adams, Jr. 2,374,574; Apr. 24.
Flanged bearing. G. H. Kendall. 2,368,549; Jan. 30.
Flap and auxiliary wheel control, Wing. E. L. Noonan and W. Tydon. Re. 22,674; Sept. 18.
Flare, Antiaircraft. M. J. E. Golay. 2,381,443; Aug. 7.
Flare, Marine. F. L. Ogle. 2,385,376; Sept. 25.
Flare or fusee. S. Jackson, Jr. 2,389,782; Nov. 27.
Flare or lantern. W. Trautner. 2,370,824; Mar. 6.
Flash arrester. R. C. Pierson. 2,391,592; Dec. 25.
Flasher. H. R. Gross. 2,377,775; June 5.
Flasher. H. R. Gross. 2,378,405; June 19.
Flasher switch. K. L. Berninger. 2,388,033; Oct. 30.
Flasher system. W. R. Spaulding. 2,369,376; Feb. 13.
Flashlamp supporting and ejecting means. O. Steiner. 2,371,479; Mar. 13.
Flashlight. O. B. Fetterman. 2,373,553; Apr. 10.
Flashlight. J. A. Gits. 2,373,306; Apr. 10.
Flashlight. W. R. Morey. 2,386,255; Oct 9.
Flashlight. C. S. Packer and Le R. O. Brown. 2,385,639; Sept. 25.
Flashlight. G. F. Prideaux. 2,367,888; Jan. 23.
Flashlight. O. T. Wood. 2,375,511; May 8.
Flashlight, Black-out. L. A. Pope. 2,371,775; Mar. 20.
Flashlight, Elbow head. J. G. Lippincott. 2,366,202; Jan. 2.
Flashlight, Electric. W. H. Gey. 2,387,144; Oct. 16.
Flashlight, Pen. C. S. Packer and M. R. Olsen. 2,385,640; Sept. 25.
Flashlight, Portable. J. Frank and A. P. Marr. 2,387,753; Oct. 30.
Flashlight, Portable. B. F. Muldoon. 2,381,510; Aug. 7.
Flashlight structure, Small. P. and M. Wimpfheimer. 2,370,601; Feb. 27.
Flask and weight means therefor. E. H. Whittaker. 2,366,581; Jan. 2.
Flask, Dental. Le R. B. House. 2,378,633; June 19.
Flask filling apparatus. M. G. Clay. 2,368,116; Jan. 30.
Flask operating head. C. F. Smith. 2,372,454; Mar. 27.
Flask, Whirlpool. P. Schlumbohm. 2,387,092; Oct. 16.
Flat conductor connection. W. F. Bonwitt. 2,376,861; May 29.
Flatiron. J. R. Campbell. 2,385,606; Sept. 25.
Flatiron, Induction. L. F. Black. 2,374,662; May 1.
Flatting agent, Noncaking. E. K. Fischer. 2,370,648; Mar. 6.
Flavor, Powdered. K. M. Gaver. 2,389,770; Nov. 27.
Flavoring materials, Preparation of. A. G. Olsen and E. Seltzer. 2,369,847; Feb. 20.
Flaw detector means. L. J. De Lanty and W. A. Williams. 2,368,119; Jan. 30.
Flaws in sheet material, Detecting structural. C. Stevens. 2,381,990; Aug. 14.
Flax and other bast fibers, Decorating of. J. Thomson. 2,385,427; Sept. 25.
Flexible adapter. L. B. Boyd. 2,381,102; Aug. 7.
Flexible collapsible fluid bladder. A. N. Spanel. 2,387,539; Oct. 23.
Flexible connection. D. Ingalls. 2,386,862; Oct. 16.
Flexible coupling. R. M. Dilworth. 2,383,850; Aug. 28.
Flexible coupling. G. R. Harrington. 2,380,646; July 31.
Flexible coupling. A. Kuhns. 2,380,113; July 10.
Flexible coupling. D. R. Ligh. 2,378,564; June 19.
Flexible coupling. H. F. Oliver. 2,387,705; Oct. 23.
Flexible coupling. W. H. Opitz. 2,380,672; July 31.
Flexible exhaust line joint. L. B. Allen and W. C. Heath. 2,381,426; Aug. 7.
Flexible hose coupling. W. A. Melsom. 2,374,224–6; Apr. 24.
Flexible hose coupling. W. A. Melsom. 2,384,635; Sept. 11.
Flexible joint. C. E. Fisher. 2,376,995; May 29.
Flexible mounting device. H. A. Storch. 2,389,562; Nov. 20.
Flexible needle sewing machine. M. S. Malek. 2,379,733; July 3.
Flexible pipe coupling. F. M. Allen and C. B. Taylor. 2,382,375; Aug. 14.
Flexible pocket receptacle. W. R. Buxton. 2,379,672; July 3.
Flexible polymeric product and making same. C. O. Guss and R. W. Amidon. 2,388,685; Nov. 13.

Flexible screen support. J. P. Burls. 2,378,463; June 19.
Flexible shafting. G. G. Eisenbeis. 2,388,129; Oct. 30.
Flexible shafting assembly. G. G. Eisenbeis. 2,368,457; Jan. 30.
Flexible shank tool. J. M. Bovee. 2,372,930; Apr. 3.
Flexible stay bolt. L. W. Smith. 2,383,222; Aug. 21.
Flexible wheel. E. M. Nelson. 2,378,154; June 12.
Flight. C. F. Ball. 2,372,925; Apr. 3.
Flight and link connector. J. D. Russell. 2,381,519; Aug. 7.
Flight conveyer, Resilient. H. W. Hapman. 2,391,700; Dec. 25.
Flight indicator and control system therefor, Aircraft. F. L. Moseley. Re. 22,704; Dec. 25.
Flight indicator for aircraft. L. F. Carter. 2,367,667; Jan. 23.
Flint alloy. H. Kent. 2,389,198; Nov. 20.
Float actuated mechanism. G. F. Brockett. 2,376,473; May 22.
Float control. O. Thiel. 2,381,626; Aug. 7.
Float controlled meter. W. F. Schultz. 2,366,808; Jan. 9.
Float, Fishing. S. R. Blackstone. 2,379,676; July 3.
Float, Fishing. G. T. Chapman. 2,376,958; May 29.
Float for aircraft, Pneumatic. J. F. Cooper, B. J. Schnitzer, and M. L. Flickinger. 2,375,973; May 15.
Float, Hydrometer. L. Edelmann. 2,367,268; Jan. 16.
Float operated mechanism. J. H. Crumble. 2,384,536; Sept. 11.
Float valve. W. M. Martin. 2,375,806; May 15.
Floating chair type seat. A. F. Hickman. 2,366,730; Jan. 9.
Floating signal light. M. P. Pfeil. 2,366,929; Jan. 9.
Floating structure for salvaging sunken vessels and other uses. F. G. Creed. 2,375,286; May 8.
Floodlight bracket. J. W. Maier. 2,371,903; Mar. 20.
Floor clip. J. A. MacLean, Jr. 2,383,808; Aug. 28.
Floor construction, Concrete. J. V. Kohlhaas. 2,377,944; June 12.
Floor coverings. M. E. Cupery. 2,382,297; Aug. 14.
Floor furnace. J. S. Johnson. Re. 22,624; Mar. 27.
Floor furnace. A. D. Olds. 2,387,939; Oct. 30.
Floor, Ice rink. F. W. Knowles. 2,371,396; Mar. 13.
Floor leveler for elevators, Electronic. W. Muller. 2,375,435; May 8.
Floor polishing device. W. A. Boettcher. 2,382,969; Aug. 21.
Floor sanding machine. F. Harris. 2,375,102; May 1.
Floor structure. W. Y. Cocken, Jr. 2,377,211; May 29.
Floor unit for refrigerators. C. H. Walbert. 2,387,310; Oct. 23.
Flooring. C. T. Siebs. 2,367,146; Jan. 9.
Flooring, Sparkproof. W. W. Donelson and J. Downey. 2,378,623; June 19.
Flooring, Tile. N. Marino. 2,371,058; Mar. 6.
Floral design. G. B. Zois. 2,366,377; Jan. 2.
Flotation process. E. H. Hoag. 2,367,122; Jan. 9.
Flotation process. E. H. Hoag. 2,378,552; June 19.
Flotation process. N. Weiner. 2,382,360; Aug. 14.
Flotation reagent. E. H. Hoag. 2,371,292; Mar. 13.
Flour process, Natural high vitamin. J. S. Andrews and R. C. Sherwood. 2,377,741; June 5.
Flow apparatus for testing pulp freeness, Continuous. C. O. Sisler. 2,379,835; July 3.
Flow control apparatus. C. E. Burt. 2,380,022; July 10.
Flow control apparatus. M. Gottlieb. 2,380,836; July 31.
Flow control for pressing machines. F. C. Lornitzo. 2,381,918; Aug. 14.
Flow, Control valve. C. A. Brown. 2,389,134; Nov. 20.
Flow control valve. W. A. Patton. 2,384,394; Sept. 4.
Flow controlling valve. W. C. Dolch. 2,367,106; Jan. 9.
Flow indicator. L. L. Dollinger. 2,389,603; Nov. 27.
Flow intermitter. A. Boynton. 2,370,140; Feb. 27.
Flowmeter. H. J. Bowie. 2,380,399; July 31.
Flowmeter. N. Brewer. 2,377,861; June 12.
Flowmeter. C. E. Cox. 2,389,957; Nov. 27.
Flowmeter. M. P. McCarty. 2,372,166; Mar. 20
Flowmeter. S. M. Udale. 2,367,544; Jan. 16.
Flow or level controller, Liquid. C. J. Romberg. 2,376,623; May 22.
Flow regulating system. D. Gregg. 2,391,306; Dec. 18.
Flow regulating system. D. M. Lawrence and S. K. Lehman. 2,390,487; Dec. 4.
Flow responsive switch. N. Brewer. 2,388,671; Nov. 13.
Flower holder. A. J. Spokus. 2,387,474; Oct. 23.
Flowerpot or container, Humidified. M. A. Moriarty. 2,387,340; Oct. 23.
Flue insert for regenerative furnaces and the like. J. J. Seaver. 2,389,166; Nov. 20.
Fluent fuel burner. A. J. Poole. 2,380,463; July 31.
Fluid-actuated brake. C. L. Eksergian. 2,372,415; Mar. 27.
Fluid actuated control system. D. MacKenzie. 2,379,536; July 3.
Fluid actuated device. F. Martindell. 2,373,042; Apr. 3.
Fluid agency washer with exterior. W. Rocke. 2,377,454; June 5.
Fluid blast circuit breaker. C. H. Flurscheim. 2,367,934; Jan. 23.
Fluid brake. L. C. Potter. 2,388,704; Nov. 13.
Fluid cleaner. V. R. Abrams. 2,369,649; Feb. 20.
Fluid clutch. A. Y. Dodge. 2,371,227; Mar. 13.
Fluid clutch. W. R. McKay. 2,380,660; July 31.
Fluid clutch. C. A. Sawtelle. 2,386,912; Oct. 16.
Fluid compositions, Process and apparatus for treating. R. N. Wallach and J. Zender. 2,386,826; Oct. 16.
Fluid, Compressing. S. E. Jessup. 2,391,163; Dec. 18.
Fluid conduit. V. R. Abrams. 2,390,501; Dec. 11.
Fluid connections between relatively rotary parts, Pressure. F. B. Levetus and J. W. Wilson. 2,371,528; Mar. 13.
Fluid contact, Method and apparatus for. C. Tietig. 2,383,946; Sept. 4.
Fluid control. G. F. Fenno. 2,372,417; Mar. 27.
Fluid control coupling. H. C. Freed. 2,369,823; Feb. 20.
Fluid control flow. R. W. Olsen. 2,388,073; Oct. 30.
Fluid control valve. M. T. Knutzen. 2,381,501; Aug. 7.
Fluid control valve. C. J. Kopp. 2,380,974; Aug. 7.
Fluid control valve. W. A. Ray. 2,367,524; Jan. 16.
Fluid control valve. W. A. Ray. 2,374,895; May 1.
Fluid control valve. W. A. Ray. 2,388,868; Nov. 13.
Fluid control valve. C. Shendrick. 2,388,369; Nov. 6.
Fluid coupling. D. J. Conant. 2,389,841; Nov. 27.
Fluid coupling. R. J. Miller. 2,367,364; Jan. 16.
Fluid coupling. R. J. Miller. 2,368,996; Feb. 6.
Fluid coupling. A. D. Pentz. 2,368,725; Feb. 6.
Fluid coupling. H. C. Swift. 2,372,748; Apr. 3.
Fluid coupling. J. F. Swift. 2,381,187; Aug. 7.
Fluid coupling. W. S. Wolfram. 2,380,681; July 31.
Fluid coupling. R. C. Zeidler. 2,378,353; June 12.
Fluid coupling. R. C. Zeidler. 2,386,285; Oct. 9.
Fluid dispenser. J. E. Parkhurst. 2,368,944; Feb. 6.
Fluid dispensing apparatus. E. E. Eickmeyer, A. G. Horvath, and A. F. Zumbrink. 2,375,903; May 15.
Fluid dispensing device, Sanitary. D. Berman. 2,388,111; Oct. 30.
Fluid, Drilling. G. R. Gray. 2,368,560; Feb. 13.
Fluid drive. G. R. Ericson. 2,385,263; Sept. 18.
Fluid drive and automatic selective speed power transmission mechanism, Combined. H. J. Murray. 2,368,865; Feb. 6.
Fluid drive for compressors. E. E. Hewitt. 2,372,326; Mar. 27.
Fluid drive transmission, Multiple stage. R. E. Keller. 2,388,062; Oct. 30.
Fluid engine. A. H. Neuland. 2,371,974; Mar. 20.
Fluid feeding and distributing apparatus. H. R. Lownsbery. 2,391,174; Dec. 18.
Fluid filter. S. K. Lehman. 2,383,065; Aug. 21.
Fluid flow control means. F. D. Prager. 2,370,751; Mar. 6.
Fluid flow, Controlling. P. Lobdell. 2,379,240; June 26.
Fluid flow meter. H. A. Williams. 2,385,901; Oct. 2.
Fluid for fluid pressure systems. C. E. Allderdice, Jr. 2,382,527; Aug. 14.
Fluid fuel burner. H. F. Morrell. 2,368,373; Jan. 30.
Fluid fuel supply for multiple burners operation, System of. A. F. Schumann and A. J. Turpin. 2,368,164; Jan. 30.
Fluid handling coupling. D. M. Phillips. 2,383,679; Aug. 28.
Fluid heater. P. K. Turner. 2,369,993; Feb. 20.
Fluid heating and discharging device. R. Meiklejohn, Jr. 2,373,588; Apr. 10.
Fluid hydrocarbons are contacted and mixed with acidic fluid in a confined zone, Process wherein. L. C. Huff. 2,381,168; Aug. 7.
Fluid influx indicator. M. M. Kinley. 2,377,501; June 5.
Fluid lift pump. A. K. Wade, Jr. 2,373,985; Apr. 17.
Fluid manometer system, Null-type. J. R. Hicks. 2,380,177; July 10.
Fluid measuring and regulating mechanism. T. A. Baker. 2,375,204; May 8.
Fluid media, Purification of. J. T. Thurston. 2,372,233; Mar. 27.
Fluid meter. W. M. Ahlstrom, R. J. Tischler, and F. H. Parsons. 2,367,176; Jan. 16.
Fluid meter. R. H. Barge. 2,389,125; Nov. 20.
Fluid meter. E. E. Bidwell. 2,388,248; Nov. 6.
Fluid meter. G. S. Binckley. 2,377,605; June 5.
Fluid meter. J. C. Stevens. 2,376,459; May 22.
Fluid, Method and apparatus for treating drilling. J. J. Shanley. 2,370,817; Mar. 6.
Fluid motor. J. G. Hawley. 2,373,680; Apr. 17.
Fluid motor. M. H. Loughridge. 2,378,489; June 19.
Fluid motor. P. White. 2,382,526; Aug. 14.
Fluid operated switch. D. Nærbo. 2,371,909; Mar. 20.
Fluid power device. E. P. Gonzer. 2,376,536; May 22.
Fluid power mechanism. B. D. Morgan. 2,377,170; May 29.
Fluid power motor. J. Sturrock. 2,373,669; Apr. 17.
Fluid power transmission mechanism. B. A. Swanson. 2,379,938; July 10.
Fluid pressure actuated device. R. R. Gunderson. 2,374,011; Apr. 17.
Fluid pressure actuating system. W. F. Boldt. 2,366,696; Jan. 9.
Fluid pressure actuating system. W. F. Boldt. 2,367,194; Jan. 16.
Fluid pressure brake. B. H. Browall. 2,371,798; Mar. 20.
Fluid pressure brake. R. M. Oliver. 2,367,604; Jan. 16.
Fluid pressure brake. R. T. Whitney. 2,389,100; Nov. 13.
Fluid pressure compounding system. S. Schnell. 2,373,506. Apr. 10.

Fluid pressure control mechanism. W. A. Eaton. 2,369,547; Feb. 13.
Fluid pressure control mechanism. W. A. Eaton. 2,371,810; Mar. 20.
Fluid pressure control unit for laundry machines and the like. J. A. Hicks. 2,382,224; Aug. 14.
Fluid pressure control valve. G. R. C. Martinsson. 2,391,790; Dec. 25.
Fluid pressure device. W. A. Eaton. 2,367,852; Jan. 23.
Fluid pressure device. E. R. Fitch. 2,371,815; Mar. 20.
Fluid pressure device. C. M. Kendrick. 2,368,223; Jan. 30.
Fluid pressure device. C. M. Kendrick. 2,387,761; Oct. 30.
Fluid pressure electrical switch. J. M. Nye. 2,391,068; Dec. 18.
Fluid-pressure engine. F. E. Swain. 2,387,540; Oct. 23.
Fluid pressure machine. W. F. Brown. 2,370,934; Mar. 6.
Fluid pressure mechanism. W. A. Eaton. 2,376,588; May 22.
Fluid pressure mechanism. W. A. Eaton. 2,386,038–9; Oct. 2.
Fluid pressure mechanism. E. Fowler. 2,386,046; Oct. 2.
Fluid pressure motor. R. J. Bush. 2,376,475; May 22.
Fluid pressure motor. W. H. Glass. 2,379,291; June 26.
Fluid pressure motor. A. L. Grisé. 2,389,621; Nov. 27.
Fluid pressure motor. H. S. Hermanson. 2,372,273; Mar. 27.
Fluid pressure motor. W. E. O'Shei. 2,378,320; June 12.
Fluid-pressure operated apparatus. E. Matulionis. 2,384,760; Sept. 11.
Fluid-pressure-operated means for controlling apparatus at a distance. E. Dodson. 2,379,692; July 3.
Fluid pressure operated valve. E. E. Hedene. 2,381,447; Aug. 7.
Fluid pressure producing device. R. R. Gunderson. 2,374,010; Apr. 17.
Fluid pressure pump. W. N. Eddins and C. C. Thurman. 2,391,556; Dec. 25.
Fluid pressure regulator. A. Boynton. 2,371,218; Mar. 13.
Fluid pressure signal. E. H. Hammond and E. H. Grauel. 2,373,755; Apr. 17.
Fluid pressure system, Ratio changing. S. Schnell. 2,381,004; Aug. 7.
Fluid proportioning apparatus. P. L. Hiltz. 2,376,917; May 29.
Fluid pulsator. J. R. Kerry. 2,374,437; Apr. 24.
Fluid pump. J. F. Hoffer. 2,383,059–60; Aug. 21.
Fluid pump. C. H. Nystrom. 2,380,607; July 31.
Fluid pump. F. Wheatley, Sr. 2,367,452; Jan. 16.
Fluid pump control. R. J. Bush. 2,381,203; Aug. 7.
Fluid pump or motor. G. A. Wahlmark. 2,373,723; Apr. 17.
Fluid release device. W. H. Freygang. 2,383,961; Sept. 4.
Fluid seal. E. Hermansen. 2,391,159; Dec. 18.
Fluid seal. T. O. Kosatka. 2,367,403; Jan. 16.
Fluid seal. F. E. Payne. 2,378,095; June 12.
Fluid system control. A. H. Davis, Jr. 2,367,009; Jan. 9.
Fluid-tight packaging. H. F. Waters. 2,374,793; May 1.
Fluid transmission. J. R. Heidloff. 2,376,431; May 22.
Fluid transmission. A. B. Sibert. 2,387,415; Oct. 23.
Fluid transmission mechanism. D. F. McGill. 2,369,835; Feb. 20.
Fluid treating apparatus. G. Kuhn. 2,367,408; Jan. 16.
Fluid turbine, Elastic. E. E. Harris. 2,380,237; July 10.
Fluids, Apparatus for clarifying. H. H. Harms and A. S. Harlan. 2,366,903; Jan. 9.
Fluids for fluid pressure systems. C. E. Allderdice, Jr. 2,379,855; July 10.
Fluids, Method of and apparatus for inspecting. S. H. Ellison. 2,368,350; Jan. 30.
Fluids, Mixing. C. G. Gerhold. 2,382,871; Aug. 14.
Fluids, Treating hydrocarbon. J. R. Schonberg 2,370,816; Mar. 6.
Fluids, Treatment of drilling. T. B. Wayne. 2,387,694; Oct. 23.
Fluoaluminate, Preparing stabilized synthetic. C. B. Miles. 2,382,327; Aug. 14.
Fluorenones, Making. E. C. Britton, C. L. Moyle, and F. Bryner. 2,377,751; June 5.
Fluorescent desk lamp. A. Holecek. 2,382,878; Aug. 14.
Fluorescent lamp. C. G. Smith. 2,386,277; Oct 9.
Fluorescent lamp circuits. R. W. Keiser. 2,382,012; Aug. 14.
Fluorescent lamp mounting. D. J. Biller. 2,380,211; July 10.
Fluorescent lighting. R. W. Keiser and C. P. Boucher. 2,382,638; Aug. 14.
Fluorescent lighting device, Electric. O. R. Besser. 2,373,219; Apr. 10.
Fluorescent maintenance apparatus. S. Leibow. 2,385,820; Oct. 2.
Fluorescent tube circuit. A. Slepian. 2,386,914; Oct. 16.
Fluorescent tube coating. E. Lemmers. 2,366,270; Jan. 2.
Fluoride solutions, Treatment of aqueous. R. A. King, J. C. Word, Jr., and J. J. Sims. 2,371,759; Mar. 20.
Fluorides, Producing. D. A. Swalheim. 2,372,032; Mar. 20.
Fluorinated compound and producing same. P. J. Gaylor. 2,370,787; Mar. 6.
Fluorine compounds, Recovering. O. C. Jones. 2,385,208; Sept. 18.
Fluorine compounds, Separating. A. F. Benning and J. D. Park. 2,384,449; Sept. 11.
Fluorine containing azo compounds. J. G. McNally and J. R. Byers, Jr. 2,391,179; Dec. 18.
Fluorine from water, Removal. R. J. Myers and D. S. Herr. 2,373,632; Apr. 10.
Flush valve. E. A. Fredrickson. 2,369,104; Feb. 6.
Flushing apparatus. W. J. Dunn. 2,388,836; Nov. 13.
Flushing means and centrifugal pumps. J. C. White. 2,372,538; Mar. 27.
Flux and bonding composition containing same, Vitrifiable. J. J. Knox. 2,385,580; Sept. 25.
Flux measurement. T. A. Rich. 2,391,271; Dec. 18.
Flux retriever. S. J. Stanley and J. E. Welch, Sr. 2,390,560; Dec. 11.
Flux valve. M. C. Depp. 2,384,819; Sept. 18.
Flux valve. C. F. Fragola, M. C. Depp, and R. S. Curry, Jr. 2,389,146; Nov. 20.
Fluxes for use in the treatment of light metals. E. F. Emley. 2,372,563; Mar. 27.
Fluxes, Welding. C. J. Bushrod. 2,370,935; Mar. 6.
Fluxmeter, Regenerative. T. A. Rich. 2,367,614; Jan. 16.
Fly-cast fishing boat. A. Montalbano. 2,369,973; Feb. 20.
Fly cutter. R. O. Julian. 2,375,926; May 15.
Flying machine. W. K. M. Bartsch. 2,372,926; Apr. 3.
Flywheel, Automatic centrifugal hydraulic. A. M. Alexandrescu. 2,368,437; Jan. 30.
Foam baths, Producing. L. Lowenstein. 2,382,732; Aug. 14.
Foam, Breaking. L. E. Gates. 2,366,513; Jan. 2.
Foam control for air cleaners, Automatic. F. P. Bingman. 2,379,338; June 26.
Foam control for air cleaners, Automatic. G. C. Zilliotto. 2,379,396; June 26.
Foam-generating substances. D. J. Tresise and A. F. Ratzer. 2,368,623; Feb. 6.
Foam, Method and apparatus for producing latex. J. F. Schott, E. A. Luxenberger, and G. W. Blair. 2,376,281; May 15.
Foam prevention in vapor phase extraction processes. T. W. Evans and R. C. Morris. 2,373,951; Apr. 17.
Foam-producing method and apparatus. W. J. Clifford. 2,376,122; May 15.
Foam, Rigid. O. R. Douthett. 2,384,611; Sept. 11.
Foaming during removal of olefin monomers, Preventing. J. C. Zimmer. 2,379,268; June 26.
Focusing attachment for cameras. C. B. Schmidt. 2,381,228; Aug. 7.
Focusing means for cameras. V. E. Pratt. 2,383,161; Aug. 21.
Fog producing device. H. W. Causer. 2,391,616; Dec. 25.
Foil closure, Coated. A. G. Osborne and T. M. Hill. 2,373,847; Apr. 17.
Foil mechanism, Carry. J. A. V. Turck. 2,381,788; Aug. 7.
Foldable box. J. H. Scherer. 2,373,977; Apr. 17.
Foldable cardboard box. R. F. Smart. 2,388,190; Oct. 30.
Foldable cribbage board. G. H. Miller. 2,384,040; Sept. 4.
Foldable stretcher handle. E. L. Schofield and W. T. Jacobs. 2,371,711; Mar. 20.
Folder, bottle. J. V. Samuels. 2,376,194; May 15.
Folder, Filing. A. Efron. 2,385,337; Sept. 25.
Folding bicycle frame. F. W. Schwinn. 2,372,024; Mar. 20.
Folding box. D. Levkoff. 2,379,726; July 3.
Folding box. N. Stone. 2,379,665; July 3.
Folding chair. R. W. Dick. 2,382,300; Aug. 14.
Folding chair. H. C. Gray. 2,385,072; Sept. 18.
Folding clothes rack. J. S. Harding. 2,382,310; Aug. 14.
Folding clothes rack. E. T. John. 2,388,637; Nov. 6.
Folding, cutting, and packaging assembly, Stamp hinge. C. W. Barnard. 2,379,859; July 10.
Folding door. F. S. Corso. 2,374,925; May 1.
Folding door. F. A. Schilling, Jr. 2,383,744; Aug. 28.
Folding chair. M. T. Sturgeon. 2,368,498; Jan. 30.
Folding container. L. A. Casnati. 2,368,803; Feb. 6.
Folding gate screen. A. Kaufman and H. Korman. 2,375,996; May 15.
Folding high chair. H. Howe. 2,383,127; Aug. 21.
Folding iron. E. J. Fitzgerald. 2,388,133; Oct. 30.
Folding machine. S. Azzara. 2,378,277; June 12.
Folding mechanism. C. S. Stephano and R. R. Brightwell. 2,375,144; May 1.
Folding stand. B. Stechbart. 2,388,192; Oct. 30.
Folding support. S. T. Howard. 2,380,441; July 31.
Folding table. G. R. Bicknell and F. A. Heidenfelder. 2,367,261; Jan. 16.
Folding table. S. Duke. 2,374,670; May 1.
Folding table. W. J. Pendry. 2,389,930; Nov. 27.
Folding target holder. C. Norberg. 2,372,111; Mar. 20.
Folding the ends of collapsible tubes. M. Hallead and P. R. Fechheimer. 2,389,506; Nov. 20.
Folding top operating mechanism. F. J. Westrope. 2,376,949; May 29.
Folding wheel chair. S. Duke. 2,379,566; July 3.
Follower for file drawers. F. C. Drebes. 2,367,849; Jan. 23.
Follower mechanism. J. C. Garand. 2,366,684; Jan. 2.

Follow-up device, more particularly for machine tools. H. Ziebolz. 2,380,357; July 10.
Follow-up mechanism. N. L. Haight. 2,390,787; Dec. 11.
Food carrying equipment, Nested. H. M. Badger and O. M. Anderson. 2,371,578; Mar. 13.
Food composition. C. W. Lindow and J. J. Thompson. 2,382,242; Aug. 14.
Food composition. S. Musher. 2,391,474; Dec. 25.
Food composition, Dry molasses. S. Musher. 2,377,360; June 5.
Food concentrate and preparation, Soybean. A. A. Kaehler. 2,379,441; July 3.
Food, Freezing. F. W. Knowles. 2,385,140; Sept. 18.
Food handling apparatus. C. O. Marshall. 2,380,364; July 10.
Food handling apparatus. G. R. Wood. 2,387,209; Oct. 16.
Food handling apparatus. G. R. Wood. 2,388,588; Nov. 6.
Food mixer. S. N. Setterlund. 2,390,742; Dec. 11.
Food mixer. H. M. A. Strauss and W. D. Harbaugh. 2,368,897; Feb. 6.
Food, Preparing. E. Reich. 2,378,950; June 26.
Food preservation method. F. K. Baerwald. 2,370,768; Mar. 6.
Food-processing mechanism. E. O. Mehline and W. Calvert. 2,385,828; Oct. 2.
Food product. R. J. Block and A. P. Hellwig. 2,374,407; Apr. 24.
Food product. E. Van Dellen and R. N. Ball. 2,382,682; Aug. 14.
Food product from lemon juice, Making a. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,367,789; Jan. 23.
Food product, Making a. F. H. Barker. 2,373,805; Apr. 17.
Food product, Pectous. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,369,059; Feb. 6.
Food products, Manufacture of preserved. D. D. Peebles. 2,368,945; Feb. 6.
Food storage equipment. M. N. Robertson. 2,380,121; July 10.
Food storage receptacle. A. F. Wild. 2,378,816; June 19.
Foods, Method and apparatus for freezing. J. L. Gilson. 2,372,373; Mar. 27.
Foods, Preservation of liquid. R. Lee. 2,374,219; Apr. 24.
Foods, Processing. J. C. Donnelly. 2,382,780; Aug. 14.
Foodstuffs, Preserving perishable. H. M. J. T. de Poix. 2,376,583; May 22.
Foot adjustment for cabinets. T. I. Ress. 2,375,872; May 15.
Footboard, Bed. M. S. Meem. 2,379,369; June 26.
Foot corrective appliance. M. L. Becker. 2,383,583; Aug. 28.
Foot corrective attachment for shoes. E. F. Thomas. 2,381,846; Aug. 7.
Foot cover. W. E. Crofut, Jr. 2,389,414; Nov. 20.
Foot covering. A. Yandell. 2,376,399–400; May 22.
Foot-exercising device. C. C. Moshier. 2,376,000; May 15.
Foot for sewing machines, Pressure. N. L. Eudy. 2,372,263; Mar. 27.
Foot massage device. T. A. Dolan. 2,369,544; Feb. 13.
Foot pedal. J. D. Langdon and J. J. Delany. 2,369,056; Feb. 6.
Foot rest. L. C. Martz. 2,380,118; July 10.
Footwear. H. Blotner. 2,367,092; Jan. 9.
Footwear. H. W. Cohen. 2,379,681; July 3.
Footwear. G. W. Geissmann. 2,377,141; May 29.
Footwear. B. Glagovsky. 2,370,789; Mar. 6.
Footwear. S. Ludwig. 2,391,720; Dec. 25.
Footwear. R. Maling. 2,391,023; Dec. 18.
Footwear. S. Pipitone. 2,370,109; Feb. 20.
Footwear. J. Roman. 2,369,254; Feb. 13.
Footwear. C. O. Walper. 2,380,349; July 10.
Footwear. E. B. Ward. 2,370,275; Feb. 27.
Footwear and its manufacture. D. D. Goldstein. 2,382,559; Aug. 14.
Footwear and making same. R. Maling. 2,386,809; Oct. 16.
Footwear, Manufacture of. E. L. Crandell. 2,371,571; Mar. 13.
Footwear, Manufacture of. R. H. Fesler. 2,379,480; July 3.
Footwear, Manufacture of. M. G. Stratton. 2,385,554; Sept. 25.
Footwear safety device. S. S. Roberts. Re. 22,614; Mar. 6.
Force gauge. R. C. Burt. 2,382,289; Aug. 14.
Force measuring apparatus. H. Ziebolz. 2,383,757; Aug. 28.
Force measuring device. F. Krickler. 2,383,554; Aug. 28.
Forced draft heater. E. W. Logue. 2,382,800; Aug. 14.
Fore-and-aft draft indicator. F. L. Corbin. 2,382,691; Aug. 14.
Forging. P. E. Flowers. 2,382,045; Aug. 14.
Forging apparatus. C. A. Brauchler. 2,378,060. June 12.
Forging die. D. W. Sherman. 2,384,349; Sept. 4.
Forging, Method and apparatus for. E. R. Frost. 2,389,425; Nov. 20.
Forging, Method of and device for. P. E. Flowers. 2,371,041; Mar. 6.
Forging press. E. A. Skowron and W. H. Woodings. 2,382,339; Aug. 14.
Forgings, Making gun barrel. B. Bannister. 2,371,125; Mar. 13.
Fork, Fulcrumed. A. McGovern. 2,375,857; May 15.
Fork, Hay. J. S. Johnson. 2,387,996; Oct. 30.
Fork loom attachment, Center filling. W. B. Gallant, Jr. 2,377,223; May 29.
Fork stop motion, Center. E. C. Nichols. 2,378,240; June 12.
Form for concrete wall construction, Removable. J. T. Mitchell. 2,381,613; Aug. 7.
Formaldehyde polymers. J. F. Walker. 2,369,504; Feb. 13.
Formaldehyde polymers, Solubilization of. O. Peterson. 2,373,777; Apr. 17.
Formaldehyde, Production of. W. R. Derby. 2,376,668; May 22.
Formaldehyde, Production of. J. L. Hall. 2,384,028; Sept. 4.
Formation of isobutane, Catalytic. R. E. Burk. 2,385,344; Sept. 25.
Formation tester. J. T. Wood, Jr., and E. L. Davis. 2,375,972; May 15.
Form-folding machine. J. Fossa. 2,379,074; June 26.
Form for constructing steps. R. O. Zimmerman. 2,389,397; Nov. 20.
Forming a charge, Method and apparatus for. A. G. Bodine, Jr. 2,377,607; June 5.
Forming die. R. R. Harrison and L. H. Score. 2,371,138; Mar. 13.
Forming method. D. C. Kemerer. 2,385,083; Sept. 18.
Forming press. C. W. Goodwin and H. W. Martin. 2,371,581; Mar. 13.
Form-raising jack. A. P. Wiertz. 2,369,195; Feb. 13.
Forming tool. W. T. King. 2,377,888; June 12.
Forms for windings. E. S. Jamison. 2,368,025; Jan. 23.
Foundation. L. W. Williams. 2,373,798; Apr. 17.
Foundation, Adjustable building. F. Gunnison. 2,380,692; July 31.
Foundation and constructing the same. J. H. Thornley. 2,373,276; Apr. 10.
Foundation and forming same. J. H. Thornley. 2,381,014; Aug. 7.
Foundation block structure. N. J. Guimont. 2,383,544; Aug. 28.
Foundation for electric fluid turbines and the like. J. L. Roberts. 2,376,188; May 15.
Foundation, Precast. B. J. Schwendt. 2,374,624; Apr. 24.
Foundation structure. T. R. Freeman. 2,378,995; June 26.
Foundry composition. A. E. Pavlish and C. R. Austin. 2,389,538–43; Nov. 20.
Fount for poultry and other domestic animals. C. L. Kubista. 2,387,664; Oct. 23.
Fountain and feeder, Poultry. W. A. Simmons. 2,378,251; June 12.
Fountain comb structure. W. D. Pyle. 2,370,258; Feb. 27.
Fountain dispenser. J. B. Edwards. 2,378,624; June 19.
Fountain, Drinking. A. A. Scheid. 2,366,427; Jan. 2.
Fountain pen. H. H. Schulman and M. Olswang. 2,369,080; Feb. 6.
Fountain, Poultry watering drip. C. Brodsky. 2,366,766; Jan. 9.
4-amino-1, 8-naphthlic acid imides, Long chain alkyl substituted. M. Scalera and A. W. Joyce. 2,385,106; Sept. 18.
4′ methoxy 5 halogeno diphenylamino 2′ carboxyl compound and producing the same. E. A. H. Friedheim and E. Bergmann. 2,389,147; Nov. 20.
4-Methyl-alpha-methyl styrene from bicyclic terpenes. J. K. Dixon. 2,387,836; Oct. 30.
4-methyl phenyl acetone, Making. W. Wenner. 2,382,686; Aug. 14.
Four-way valve. J. B. Whitted. 2,388,890; Nov. 13.
Fowl leg tendon extractor. F. W. Jenson. 2,382,320; Aug. 14.
Fowl-plucking apparatus or the like. H. C. Campbell and H. D. Thomas. 2,376,120; May 15.
Fractionating apparatus. W. A. McMillan. 2,374,549; Apr. 24.
Fractionating apparatus. J. W. Packie and L. S. Gibbs. 2,374,950; May 1.
Fractionating column. R. R. Bottoms and J. H. Bowden. 2,387,231; Oct. 23.
Fractionating plate construction. P. Lambert, R. H. Riemenschneider, and J. A. Gibb. 2,380,852; July 31.
Fractionation. E. F. Nelson. 2,388,931; Nov. 13.
Fractionation column. R. H. Riemenschneider. 2,376,940; May 29.
Fractionation control. J. B. Claffey. 2,386,778; Oct. 16.
Fracture apparatus. L. A. Straits. 2,387,192; Oct. 16.
Fracture appliance. B. F. Toffiemire. 2,372,866; Apr. 3.
Fracture appliance, Extraoral. R. W. Taylor. 2,371,197; Mar. 13.
Fracture traction device. E. Chapman. 2,373,456; Apr. 10.

Frame: *See*—
Articulated frame.
Bicycle frame.
Card and picture frame.
Engine frame.
Eyeglass frame.
Filter frame.
Fire door frame.
Folding bicycle frame.
Glass supporting frame.
Heddle frame.
Photographic frame.
Photographic printing frame.
Roving frame.
Sign display frame.
Saw frame.
Spectacle frame.
Spinning frame.
Structural frame.
Truck frame.
Vehicle frame.
Winding frame.
Yarn winding frame.

Frame and the like, Parachute pack. C. N. Eoff. 2,374,274; Apr. 24.
Frame and weather stripping, Combined screen. H. W. Thomas. 2,378,163; June 12.
Frame assembly for tractors, Cable lift. W. C. Petersen and M. G. Kuch. 2,376,181; May 15.
Frame construction, Drop hammer. H. A. Weyer 2,386,155; Oct. 2.
Frame construction for receptacles. M. L. Lindy. 2,389,916; Nov. 27.
Frame for eyeglasses. P. M. Brown. 2,389,023; Nov. 13.
Frame for eyeglasses and the like. K. C. Vine. 2,373,862; Apr. 17.
Frame for furniture or the like. C. L. Dewey. 2,374,180; Apr. 24.
Frame for looms, Heddle. E. Streuli. 2,380,124; July 10.
Frame for mowers and other garden implements, Attachable power-driven supporting. C. C. Fulton. 2,374,533; Apr. 24.
Frame for supporting glass, Skeleton. L. V. Black. 2,379,213; June 26.
Frame structure for airfoils or the like, Main. M. Watter. 2,383,634; Aug. 28.
Frame truss, Wooden. W. Sahlberg. 2,390,180; Dec. 4.
Frameless window screen. D. J. Rust. 2,372,912; Apr. 3.
Frames for swab structures for use on smooth surfaced floorings and the like, Making mop. J. S. Brennan. 2,370,838; Mar. 6.
Framing instrument. C. O. Williams. 2,369,958; Feb. 6.
Free flexing separable fastener. L. H. Morin. 2,385,021; Sept. 18.
Free-piston internal-combustion engine. H. Steiner. 2,383,625; Aug. 28.
Freeing pipe jammed in a well. J. T. Hayward. 2,372,575; Mar. 27.
Freezer chamber and evaporator. L. A. M. Phelan. 2,381,617; Aug. 7.
Freight car. F. Ditchfield. 2,390,873; Dec. 11.
Freight handling apparatus on vehicles. M. P. Taylor. 2,387,542; Oct. 23.
Freight handling system, Air. G. Maxon, Jr. 2,379,094; June 26.
Frequency and phase comparison detection and control system. G. L. Usselman. 2,387,544; Oct. 23.
Frequency changer. H. M. Huge. 2,384,171; Sept. 4.
Frequency changing, Method and apparatus for. F. C. P. Henroteau. 2,367,277; Jan. 16.
Frequency communication system, Carrier. F. X. Rees and J. Y. Howard. 2,378,326; June 12.
Frequency control circuit. M. G. Crosby. 2,379,689; July 3.
Frequency control system, Automatic. M. G. Crosby. 2,377,326; June 5.
Frequency control system, Automatic. S. W. Seeley. 2,377,327; June 5.
Frequency converter. L. H. Paddle and B. Drake. 2,366,981; Jan. 9.
Frequency difference stabilization system, Fixed. R. Varian, W. W. Hansen, and E. L. Ginzton. Re. 22,587; Jan. 2.
Frequency discriminator. M. G. Crosby. 2,376,127; May 15.
Frequency discriminator circuit. H. R. Cantelo. 2,374,729; May 1.
Frequency divider. K. Schlesinger. 2,375,950; May 15.
Frequency measuring system. H. O. Peterson. 2,380,868; July 31.
Frequency modulated pulse signaling. W. van B. Roberts. 2,381,928; Aug. 14.
Frequency modulated wave discriminator. M. G. Crosby. 2,376,126; May 15.
Frequency modulated waves for radio transmission, Producing. E. Labin. 2,385,085; Sept. 18.
Frequency modulation. H. Tunick. 2,379,325; June 26.
Frequency modulation. H. Tunick. 2,379,614; July 3.
Frequency modulation. H. Tunick. 2,389,879; Nov. 27.
Frequency modulation detection. H. E. Thomas. 2,379,764; July 3.
Frequency modulation detection system. W. R. Ferris. 2,367,764; Jan. 23.
Frequency modulation detector. G. C. Sziklai. 2,373,616; Apr. 10.
Frequency modulation receiver. M. G. Crosby. 2,383,847; Aug. 28.
Frequency modulation receiver. C. W. Hansell. 2,373,562; Apr. 10.
Frequency modulation receiver. H. T. Lyman. 2,369,585; Feb. 13.
Frequency modulation receiver. C. Travis. 2,369,621; Feb. 13.
Frequency modulation receiver. M. Ziegler. 2,383,359; Aug. 21.
Frequency modulation receiver intensity indicator. P. F. G. Holst and L. R. Kirkwood. 2,388,544; Nov. 6.
Frequency modulation system. D. P. Cole. 2,390,777; Dec. 11.
Frequency modulation system. J. R. Shonnard. 2,366,363; Jan. 2.
Frequency modulation system. F. E. Terman. 2,372,231; Mar. 27.
Frequency modulation system. R. M. Wilmotte. 2,388,200; Oct. 30.
Frequency modulation system, Balanced. A. Badmaieff. 2,371,373; Mar. 13.
Frequency modulation waves, Generating. E. Labin. 2,372,210; Mar. 27.
Frequency modulator, Coupled circuit. E. J. O'Brien. 2,368,036; Jan. 23.
Frequency modulator receiver. C. W. Hansell. 2,374,746; May 1.
Frequency multiplier. T. B. Gibbs and E. Norrman. 2,374,343; Apr. 24.
Frequency multiplier. W. A. Miller and E. R. Shenk. 2,390,608; Dec. 11.
Frequency multipliers. B. M. Charchian. 2,370,637; Mar. 6.
Frequency response control. C. D. Knight. 2,390,794; Dec. 11.
Frequency responsive indicating apparatus. A. M. Wengel. 2,384,716; Sept. 11.
Fresh fruit treating machine. C. H. Lister. 2,378,418; June 19.
Fresh water from salt water, Production of. H. R. Frisch. 2,373,884; Apr. 17
Friction absorbing device. R. B. Cottrell. 2,381,404; Aug. 7.
Friction clutch. R. A. Carlson. 2,366,594; Jan. 2.
Friction clutch. H. I. Crow. 2,373,462; Apr. 10.
Friction clutch. L. P. Godfrey. 2,366,610; Jan. 2.
Friction clutch. W. J. Miller. 2,376,799; May 22.
Friction clutch. H. Nutt. 2,366,643; Jan. 2.
Friction clutch. C. B. Spase. 2,384,405; Sept. 4.
Friction clutch. W. C. Tompkins and A. Doe. 2,372,750; Apr. 3.
Friction device. R. B. Cottrell. 2,372,936; Apr. 3.
Friction device. S. K. Wellman. 2,380,900; July 31.
Friction draft gear. M. Van Loan, Jr. 2,366,818; Jan. 9.
Friction drive. H. A. McKee. 2,388,491; Nov. 6.
Friction element. C. S. Hart and R. E. Spokes. 2,391,416; Dec. 25.
Friction elements. M. T. Harvey. 2,383,790; Aug. 28.
Friction facing and like materials, Manufacturing. M. Salle. 2,388,187; Oct. 30.
Friction linings, Making. D. E. Lucid. 2,379,166; June 26.
Friction material. F. S. Walker. 2,369,502; Feb. 13.
Friction member for clutches and brakes. E. E. Wemp. 2,391,495; Dec. 25.
Friction retarding mechanism for vehicle suspension. R. W. Brown. 2,381,378; Aug. 7.
Friction shock absorber. G. E. Dath. 2,380,028; July 10.
Friction spring. L. E. Endsley. 2,389,300; Nov. 20.
Friction wheel change speed gear. J. Arter. 2,389,589; Nov. 27.
Frictional apparatus. S. K. Wellman and C. B. Sawyer. 2,381,941; Aug. 14.
Frictional controlling device for rotating bodies. H. C. Lord. 2,382,373; Aug. 14.
Frictional mechanism. W. H. Hunter. 2,386,116; Oct. 2.
Frictional mechanism. W. H. Hunter. 2,386,610; Oct. 9.
Frictional mechanism. W. H. Hunter. 2,388,151; Oct. 30.
Frog, Railway. W. O. Jay. 2,382,153; Aug. 14.
Front door lock. H. G. Voight. 2,390,756; Dec. 11.
Front driven motorboat. R. J. Sharp. 2,379,834; July 3.
Froth and material therefor, Forming a stabilized. N. L. Smith. 2,374,626; Apr. 24.
Frothing agent and production. M. J. Maguire. 2,370,058; Feb. 20.
Frozen confection dispenser. I. King and R. R. Burg. 2,385,579; Sept. 25.
Fruit and vegetable juice extractor. A. G. Reynolds. 2,369,406; Feb. 13.
Fruit and vegetable juicer. J. E. Bennett. 2,387,975; Oct. 30.
Fruit and vegetable sorting machine. E. R. Sandmeyer. 2,370,262; Feb. 27.
Fruit brushing machine. S. Diller. 2,376,587; May 22.
Fruit-cutting and juice-extracting machine. N. Eastman. 2,382,620; Aug. 14.
Fruit feeding device. F. W. Cutler. 2,367,757; Jan. 23.
Fruit handling machine. B. C. Coons. 2,375,350; May 8.
Fruit having a pit, Treating. R. Polk, Sr., and R. Polk, Jr. 2,378,101; June 12.
Fruit juice extractor. H. Fromm. 2,367,859; Jan. 23.
Fruit juice extractor. V. Lobasso. 2,369,305; Feb. 13.
Fruit, Method and apparatus for pitting. B. C. Coons. 2,382,961; Aug. 21.
Fruit, Orientation of. G. W. Ashlock, Jr. 2,387,709; Oct. 30.

Fruit, Treating. A. F. Kalmar. 2,386,954; Oct. 16.
Fruit treating apparatus. R. L. Ewald and H. A. Skog. 2,388,682; Nov. 13.
Fruits, Making dehydrated citrus. H. K. Derby. 2,379,068; June 26.
Fruits, Treating. A. F. Kalmar. 2,374,209–10; Apr. 24.
Frying machine, Egg. C. A. Beatty. 2,369,274; Feb. 13.
Frying unit, Food. H. L. Thiele. 2,367,448; Jan. 16.
Fuel and air supply for internal-combustion engines. J. P. M. Van Dietz. 2,368,180; Jan. 30.
Fuel, Antiknock motor. P. Miller. 2,375,236; May 8.
Fuel atomizer. E. T. Vincent. 2,391,808; Dec. 25.
Fuel burner. A. G. Kaufman. 2,370,172; Feb. 27.
Fuel burner. J. J. Ursutz. 2,387,420; Oct. 23.
Fuel burner and air supply means therefor, Pot type liquid. M. D. Huston. 2,382,419; Aug. 14.
Fuel burner apparatus, Liquid. D. C. Bortner. 2,370,933; Mar. 6.
Fuel burner control. S. G. Isserstedt. 2,377,235; May 29.
Fuel burner control means. E. J. Doucet. 2,379,565; July 3.
Fuel burner control system. R. W. De Lancey. 2,375,900; May 15.
Fuel burner control system. J. M. Wilson. 2,377,535; June 5.
Fuel burning apparatus. R. M. Hardgrove. 2,380,041; July 10.
Fuel burning device, Pressure type liquid. R. Baker and C. W. Davis. 2,375,886; May 15.
Fuel, Burning liquid. E. V. Michaud. 2,379,979; July 10.
Fuel carburation system. R. P. De Vries. 2,384,609; Sept. 11.
Fuel carburetion, Producing. H. W. Smith and D. D. Paxton. 2,387,862; Oct. 30.
Fuel cock drive mechanism. H. A. Satterlee. 2,389,461; Nov. 20.
Fuel components, Purification of motor. J. T. Horeczy. 2,377,081; May 29.
Fuel composition. F. Elkan. 2,381,891; Aug. 14.
Fuel container. L. Shakesby. 2,369,921; Feb. 20.
Fuel control. A. W. Gardner. 2,385,409; Sept. 25.
Fuel control device for internal-combustion engines. A. C. Pugh, D. G. Booth, and P. J. Jarvis. 2,383,563; Aug. 28.
Fuel control system for internal-combustion engines. F. G. Bollo and J. R. Tomlinson. 2,391,291; Dec. 18.
Fuel, Diesel. G. R. Gilbert. 2,379,228; June 26.
Fuel, Diesel. J. H. McCracken. 2,387,279; Oct. 23.
Fuel, Diesel. J. H. McCracken and E. M. Nygaard. 2,387,403; Oct. 23.
Fuel dispensing system. C. Marsh. 2,375,428; May 8.
Fuel drain valve. G. T. Downey. 2,368,120; Jan. 30.
Fuel economizer. V. E. Arnold. 2,369,995; Feb. 20.
Fuel feeding apparatus. C. Scholl. 2,369,370; Feb. 13.
Fuel feeding apparatus. F. E. Thomes. 2,386,991; Oct. 16.
Fuel feeding device. P. F. Adair. 2,372,306; Mar. 27.
Fuel feeding mechanism, Liquid. R. W. Johnson and C. E. Zarwell. 2,381,756; Aug. 7.
Fuel feeding system. A. C. Allen. 2,372,700; Apr. 3.
Fuel feeding system for internal-combustion engines, Powdered. W. J. Caldwell. 2,371,735; Mar. 20.
Fuel for internal-combustion engines, Anti-knock. G. B. Banks. 2,373,372; Apr. 10.
Fuel ignition system. V. A. Fox. 2,385,699; Sept. 25.
Fuel injecting means for internal-combustion engines. H. G. Cammer. 2,380,148; July 10.
Fuel injection. R. W. Stelzel. 2,387,690; Oct. 23.
Fuel injection apparatus. A. T. Bremser. 2,384,011–12; Sept. 4.
Fuel-injection apparatus for internal-combustion engines and like purposes. G. Amery. 2,372,169; Mar. 27.
Fuel injection apparatus, Liquid. W. M. Nichols. 2,374,614; Apr. 24.
Fuel injection control structure, Supplementary. L. Russell. 2,388,085; Oct. 30.
Fuel injection device. E. Waeber. 2,378,165; June 12.
Fuel injection device. E. M. Ward. 2,371,787; Mar. 20.
Fuel-injection engine. A. F. Sanders. 2,379,190; June 26.
Fuel injection pump. L. Beeh, J. O. Forster, and W. E. Meyer. 2,380,574; July 31.
Fuel injection pump. A. T. Bremser. 2,382,000; Aug. 14.
Fuel injection pump. H. C. Edwards. 2,372,559; Mar. 27.
Fuel injection pump. E. C. Gambrell. 2,381,585; Aug. 7.
Fuel injection pump. R. E. Peterson. 2,381,555; Aug. 7.
Fuel injector. H. C. Edwards. 2,389,492; Nov. 20.
Fuel injector. W. Harper, Jr. 2,382,151; Aug. 14.
Fuel injector control mechanism. M. E. Chandler. 2,384,282; Sept. 4.
Fuel injector, Diesel engine. S. A. Unsworth. 2,385,239; Sept. 18.
Fuel injector system. E. S. Cameron. 2,369,134; Feb. 13.
Fuel knock rating, Motor. J. D. Morgan and P. B. Levitt. 2,380,704; July 31.
Fuel, Knock-resistant motor. D. R. Carmody. 2,391,084; Dec. 18.
Fuel metering device. F. C. Reggio. 2,378,036; June 12.
Fuel, Method of and system for dispensing liquefied. O. L. Garretson. 2,378,077; June 12.
Fuel, Motor. C. M. Ridgway. 2,367,527; Jan. 16.
Fuel, Motor. W. B. Ross and K. Boldt. 2,371,355; Mar. 13.
Fuel, Motor. S. B. Wiczer. 2,384,866; Sept. 18.
Fuel, Preparation of motor. R. E. Burk. 2,370,144; Feb. 27.
Fuel, Preparation of stable binary motor. A. S. Wolfner. 2,371,010; Mar. 6.
Fuel, Production of motor. J. P. Jones. 2,376,060; May 15.
Fuel, Production of motor. J. P. Jones. 2,389,984; Nov. 27.
Fuel, Production of motor. G. G. Oberfell and J. P. Jones. 2,376,077; May 15.
Fuel proportioning device. J. W. Colvin and F. V. H. Judd. 2,372,766; Apr. 3.
Fuel pump. A. N. Blazer. 2,370,001; Feb. 20.
Fuel pump. I. E. Coffey. 2,381,259; Aug. 7.
Fuel pump. M. Dach. 2,368,524; Jan. 30.
Fuel pump. R. E. Grey and L. G. Burns. 2,382,412; Aug. 14.
Fuel pump. C. J. Lauer and R. L. Bowers. 2,380,656; July 31.
Fuel pump. S. M. Udale. 2,367,545; Jan. 16.
Fuel pumping unit, Automatically controlled portable. D. Samiran. 2,373,143; Apr. 10.
Fuel supply for two-cycle, crankcase compression engines. L. T. Kincannon. 2,388,331; Nov. 6.
Fuel supply means, Underfired coke oven. C. Otto. 2,388,438; Nov. 6.
Fuel supply system. M. M. Cunningham. 2,387,316; Oct. 23.
Fuel supplying apparatus. J. W. Fyksen. 2,380,961; Aug. 7.
Fuel synthesis, Motor. D. R. Carmody and B. H. Shoemaker. 2,384,796; Sept. 18.
Fuel system. R. R. Curtis. 2,383,369; Aug. 21.
Fuel system. J. O. Helvern and E. L. Baugh. 2,385,513; Sept. 25.
Fuel system. R. C. Rike and E. L. Baugh. 2,367,055; Jan. 9.
Fuel tank. F. W. Stavely, K. L. Edgar, and S. W. Hoffmann. 2,381,400; Aug. 7.
Fuel tank flapper valve. J. W. Young and C. E. Patterson. 2,378,613; June 19.
Fuel tank or container. J. Lloyd. 2,367,953; Jan. 23.
Fuel vaporizer, Liquid. I. W. Wepplo. 2,373,867; Apr. 17.
Fuels, Addition agent for motor. R. L. Mathiasen. 2,368,482; Jan. 30.
Fuels and improving octane rating, Desulphurizing motor. M. C. K. Jones. 2,372,084; Mar. 20.
Fuels and making same, Motor. L. A. Clarke. 2,373,101; Apr. 10.
Fuels, Diesel. T. T. Noland and E. M. Nygaard. 2,370,183; Feb. 27.
Fuels for combustion. P. Miller and G. H. Cloud. 2,373,044; Apr. 3.
Fuels, Manufacture of motor. L. G. Story. 2,373,612; Apr. 10.
Fuels, Production of high octane. G. H. Short and G. G. Oberfell. 2,376,558; May 22.
Fuels, Stabilization of motor. E. W. Cook and W. D. Thomas, Jr. 2,385,757; Sept. 25.
Fuels, Trialkyl phosphines for Diesel. E. M. Nygaard and J. H. McCracken. 2,368,866; Feb. 6.
Fulling mill. F. B. Morrill. 2,375,736; May 8.
Fungicidal and bactericidal composition. D. K. Ballman. 2,376,650; May 22.
Fungusproofing textiles. P. G. Benignus. 2,381,863; Aug. 14.
Funnel, Filter. O. W. Post. 2,378,949; June 26.
Funnel, Filter. O. W. Post. 2,379,101; June 26.
Fur cleaning apparatus. F. X. Dubay. 2,384,458; Sept. 11.
Fur for felting, Preparing. A. E. Hodshon and H. H. Tucker. 2,374,936; May 1.
Fur wetting apparatus. J. Morgenstern. 2,382,089; Aug. 14.
Furan, Preparing. G. M. Whitman. 2,374,149; Apr. 17.
Furfural purification. D. R. Douslin and C. F. Weinaug. 2,388,834; Nov. 13.
Furfural, Stabilized. R. L. Comstock. 2,384,238; Sept. 4.
Furnace: *See*—
- Blast furnace.
- Conveyer furnace.
- Drying and calcining furnace.
- Electric arc furnace.
- Electric furnace.
- Electric induction furnace
- Electric reaction furnace.
- Electrically heated drum-type furnace.
- Floor furnace.
- Glass melting furance.
- Gravity-fed coal furnace.
- Heat-treating furnace.
- Heating furnace.
- High-temperature heat-treating furnace.
- Hot air heating furnace.
- Industrial furnace.
- Magnesium distillation furnace.
- Magnesium melting furnace.
- Metallurgical induction furnace.
- Open hearth furnace.
- Rotary heating furnace.
- Salt bath furnace.
- Submerged resistor type indicator furnace.
- Tilting furnace.

Furnace. W. S. Blauvelt. 2,375,517; May 8.

Furnace. C. P. Clapp and B. M. Johnson. 2,385,333; Sept. 25.
Furnace. E. W. Dany and P. S. Gruber. 2,375,771; May 15.
Furnace, S. R. Du Brie. 2,385,065; Sept. 18.
Furnace. I. W. Foltz. 2,390,995; Dec. 18.
Furnace. M. Frisch. 2,381,896; Aug. 14.
Furnace. C. Harris. 2,369,965; Feb. 20.
Furnace. C. A. Huwer. 2,380,110; July 10.
Furnace. R. C. Jepertinger. 2,379,083; June 26.
Furnace. A. T. Johanson. 2,388,976; Nov. 13.
Furnace. J. McDonald. 2,376,548; May 22.
Furnace. T. W. Munford. 2,384,764; Sept. 11.
Furnace. C. W. Nichols, Jr. 2,376,177; May 15.
Furnace. P. F. Sharpe. 2,374,707; May 1.
Furnace and operation, Open-hearth. J. M. Crowe. 2,385,261; Sept. 18.
Furnace arch or roof construction. L. H. Hosbein and L. Ellman. 2,387,663; Oct. 23.
Furnace charging bell, Blast. G. Wehr. 2,388,941; Nov. 13.
Furnace construction. C. V. Carroll. 2,377,210; May 29.
Furnace construction. E. Dolezal, L. J. Weber and V. V. Hubby. 2,366,959; Jan. 9.
Furnace construction, Induction. H. A. Strickland, Jr. 2,373,719; Apr. 17.
Furnace control apparatus. D. J. Mosshart. 2,378,238; June 12.
Furnace door. L. S. Longenecker. 2,387,594; Oct. 23.
Furnace door. C. A. Martin and J. F. Farris. 2,374,611; Apr. 24.
Furnace drive, Rotary. R. E. Buckholdt. 2,369,529; Feb. 13.
Furnace for heating lens blanks. H. C. Weller. 2,388,888; Nov. 13.
Furnace for producing wood charcoal. C. Meyer. 2,386,-972; Oct. 16.
Furnace for the heating and melting of metals, Electric resistor. P. Pritchard. 2,379,651; July 3.
Furnace regulator system. C. E. Valentine. 2,367,979; Jan. 23.
Furnace tube plate design. J. E. Donahue. 2,370,782; Mar. 6.
Furnace wall. W. G. Young. 2,369,100; Feb. 6.
Furnace wall construction. R. A. Foresman. 2,375,841; May 15.
Furnaces for the electrolytic production of aluminum, Making. H. Hurter. 2,378,142; June 12.
Furniture. L. Millek. 2,377,024; May 29.
Furniture. M. Tucker. 2,377,464; June 5.
Furniture and constructing same, Upholstered. B. Brody. 2,370,711; Mar. 6.
Furniture, Article of. S. D. Epworth. 2,386,739; Oct. 9.
Furniture, Article of. G. E. O'Hearn. 2,389,994; Nov. 27.
Furniture, Desk. R. J. Freeman. 2,387,506; Oct. 23.
Furniture, Foldable article of. C. Ashmusen. 2,383,837; Aug. 28.
Furniture, Leg mounting. J. A. Ferguson. 2,386,201; Oct. 9.
Furniture piece, Utility. R. P. Breese. 2,384,234; Sept. 4.
Furniture spring construction. W. A. Kalpakoff. 2,371,825; Mar. 20.
Furniture with removable cover on, Upholstered. M. A. Saltz. 2,383,687; Aug. 28.
Furs, Treating. S. S. Gottfried. 2,383,963; Sept. 4.
Fuse. T. B. Doe and R. L. Kenngott. 2,368,747; Feb. 6.
Fuse. J. J. Horan. 2,388,691; Nov. 13.
Fuse. H. Junghans. 2,380,764; July 31.
Fuse. W. O. Schultz. 2,386,752; Oct. 16.
Fuse. W. Summerbell. 2,367,699; Jan. 23.
Fuse, Antitank mine. A. Adelman. 2,376,332; May 22.
Fuse assembly. A. and J. Hollins. 2,375,472; May 8.
Fuse assembly machine. P. V. Di Cosmo and M. C. Ricciardi. 2,367,672; Jan. 23.
Fuse, Bomb nose. A. J. Nicholas. 2,389,383; Nov. 20.
Fuse construction. H. A. Lewis. 2,379,013; June 26.
Fuse construction. W. O. Schultz. 2,378,109; June 12.
Fuse construction. H. A. Triplett. 2,379,199; June 26.
Fuse, Current limiting. C. G. Suits and G. F. Lincks. 2,382,271; Aug. 14.
Fuse, cutout. W. O. Schultz. 2,385,473; Sept. 25.
Fuse device, Drop-out. W. O. Schultz. 2,372,126; Mar. 20.
Fuse, Impulse-protected. D. D. MacCarthy and T. Brownlee. 2,371,969; Mar. 20.
Fuse plug. G. E. Holmes. 2,383,484; Aug. 28.
Fuse, Projectile. H. J. Fanger. 2,378,626; June 19.
Fuse protector device. J. S. Curtiss. 2,388,309; Nov. 6.
Fuse-setting apparatus. A. H. Musson and V. P. Harvey. 2,390,382; Dec. 4.
Fuse setting apparatus for shells. V. P. Harvey. 2,369,394; Feb. 13.
Fuse terminal clip. T. B. Taylor. 2,388,883; Nov. 13.
Fuse testing device, Dynamic. T. K. Riggen. 2,378,327; June 12.
Fuse, Time. E. Weiss and H. Strickstrock. 2,369,626; Feb. 13.
Fuse unit. A. H. Powell. 2,386,060; Oct. 2.
Fuselage bulge. R. A. Darby. 2,385,499; Sept. 25.
Fusing apparatus and method, Metal. R. K. Hopkins. 2,370,467. Feb. 27.
Fuze packing box. F. E. Gross. 2,389,358; Nov. 20.
Gaff hook. E. O. Schofield. 2,372,743; Apr. 3.
Galley lock. S. A. Gattoni. 2,376,999; May 29.
Galvanizing methods. S. C. Avallone. 2,378,458; June 19.
Galvanometer. P. A. Borden. 2,368,701; Feb. 6.
Galvanometer. W. H. Pearce. 2,380,609; July 31.
Galvanometer. L. B. Redmond. 2,389,081; Nov. 13.
Galvanometer, Oscillograph. C. M. Hathaway. 2,368,831; Feb. 6.
Game. L. H. Buckner. 2,376,755; May 22.
Game. W. J. Conwell. 2,378,983; June 26.
Game. D. J. Crowley. 2,378,621; June 19.
Game. M. J Hilton. 2,380,106; July 10.
Game. R. Morelli. 2,372,333; Mar. 27.
Game. H. N. Pedersen. 2,390,458; Dec. 4.
Game and game apparatus. R. A. Gorsuch. 2,366,782; Jan. 9.
Game apparatus. J. M. Buckley. 2,370,229; Feb. 27.
Game apparatus. R. I. Dorfman. 2,375,292; May 8.
Game apparatus. G. A. Stewart. 2,368,896; Feb. 6.
Game balls, Making inflatable athletic. M. B. Reach. 2,367,374; Jan. 16.
Game, Baseball. D. H. Munro. 2,382,329; Aug. 14.
Game, Baseball. W. Pringle. 2,375,583; May 8.
Game, Baseball. G. Shenker. 2,388,577; Nov. 6.
Game board. J. A. Fredriksson. 2,391,147; Dec. 18.
Game board. J. R. Trimble. 2,371,575; Mar. 13.
Game cabinet. A. La Rizza. 2,370,050; Feb. 20.
Game device. J. W. Patterson. 2,383,210; Aug. 21.
Game device. S. N. Polis. 2,371,262; Mar. 13.
Game, Hockey. D. H. Munro. 2,382,328; Aug. 14.
Game indicator or score board or the like. W. I. Smith. 2,391,520; Dec. 25.
Game of skill. C. Wilson. 2,371,567; Mar. 13.
Game or toy. R. E. Jacke. 2,377,498; June 5.
Game racket. H. H. Kent. 2,369,145; Feb. 13.
Game, Target. F. Shackleford. 2,372,608; Mar. 27.
Gamma-acetopropanol, Preparing. L. P. Kyrides and F. B. Zienty. 2,382,071; Aug. 14.
γ-nitro monocarboxylic esters. H. A. Bruson. 2,390,918; Dec. 11.
γ-trichlorobutyronitrile and its preparation. W. Niederhauser and H. A. Bruson. 2,379,097; June 26.
Gangway, Laminated. G. H. Messmore. 2,380,060; July 10.
Gap adjuster, Spark plug. J. C. Coombs. 2,388,953; Nov. 13.
Garage door. W. D. Ferris, C. R. Wolf, and N. M. Foulds. 2,369,141; Feb. 13.
Garage door. V. E. Redding and W. C. Michaelis. 2,388,182; Oct. 30.
Garage door holder. J. E. McJimsey. 2,388,490; Nov. 6.
Garden implement. J. F. Hyland. 2,372,275; Mar. 27.
Garden tool. B. C. Armstrong. 2,366,231; Jan. 2.
Garden tool. B. O. Cuddigan and J. F. Wirth. 2,387,748; Oct. 30.
Garden tractor. T. H. Loy. 2,367,466; Jan. 16.
Gardening tool. E. Terray. 2,370,208; Feb. 27.
Garment. I. Abzug. 2,385,178; Sept. 18.
Garment. M. Bloom. 2,375,070; May 1.
Garment. T. A. Clifford. 2,366,440; Jan. 2.
Garment. M. A. Einbinder. 2,381,580; Aug. 7.
Garment. E. L. Frank. 2,368,654; Feb. 6.
Garment. A. La France. 2,374,440; Apr. 24.
Garment. A. Friedland. 2,389,192; Nov. 20.
Garment. L. R. Griswold. 2,376,247; May 15.
Garment. P. H. Hanes. 2,377,004; May 29.
Garment. L. Herscovici. 2,375,845; May 15.
Garment. H. J. Leon. 2,381,295; Aug. 7.
Garment. A. J. Marrow and H. L. Green. 2,371,584; Mar. 13.
Garment. C. E. Martin. 2,368,034; Jan. 23.
Garment. J. A. Rosehill. 2,386,909; Oct. 16.
Garment. L. M. Rouse. 2,371,778; Mar. 20.
Garment. H. L. Snider. 2,367,442; Jan. 16.
Garment, Armored. G. L. Watts. 2,373,726; Apr. 17.
Garment, Aviator's. J. R. C. Quilter and J. Gregory. 2,382,816; Aug. 14.
Garment bag. G. E. Lofgren. 2,372,439; Mar. 27.
Garment, Body molding. H. L. Jasper. 2,370,170; Feb. 27.
Garment, Child's. M. I. Lehman. 2,386,871; Oct. 16.
Garment closure. M. McFarlane. 2,379,815; July 3.
Garment, Combination. R. T. Healy. 2,378,706; June 19.
Garment, Combination. D. Liebert. 2,385,871; Oct. 2.
Garment construction. J. A. Ayoub. 2,386,768; Oct. 16.
Garment construction. H. Fink and M. Sottosanti. 2,376,589; May 22.
Garment construction. B. Latter. 2,366,862; Jan. 9.
Garment construction. S. Nehf. 2,390,456; Dec. 4.
Garment construction. H. Roy. 2,367,843; Jan. 23.
Garment, Figure molding foundation. C. D. Maldoff 2,379,491; July 3.
Garment finishing apparatus. S. J. Locke and W. J. Francey. 2,378,565; June 19.
Garment for complete protection against inclement weather. C. A. Noone. 2,372,110; Mar. 20.
Garment, Form constricting and molding. F. A. Cohen. 2,388,525; Nov. 6.
Garment, Foundation. A. M. Butow. 2,389,410; Nov. 20.
Garment, Foundation. H. J. Dubner. 2,381,442; Aug. 7.
Garment, Foundation. K. K. Smythe. 2,372,133; Mar. 20.
Garment, Foundation. H. Wipperman and M. Martin. 2,378,167; June 12.

Garment hanger. J. Bolten and H. Spitz. 2,370,391; Feb. 27.
Garment hanger. J. D. Coney. 2,368,348; Jan. 30.
Garment hanger. J. D. Coney. 2,374,329–30; Apr. 24.
Garment hanger. E. F. Dessureau. 2,376,584; May 22.
Garment hanger. H. R. Ellis. 2,377,218; May 29.
Garment hanger. M. Glaser. 2,386,603; Oct. 9.
Garment hanger. A. F. Isaak. 2,370,313; Feb. 27.
Garment hanger. A. H. Larsen. 2,374,689; May 1.
Garment hanger. L. Oskow. 2,378,578; June 19.
Garment hanger. T. C. Pauli. 2,376,269; May 15.
Garment hanger. H. O. Ronning. 2,383,819; Aug. 28.
Garment hanger. J. H. Rotheraine. 2,383,083; Aug. 21.
Garment hanger. A. G. Wahl. 2,381,629; Aug. 7.
Garment hanger. L. A. Young. 2,372,998–2,373,000; Apr. 3.
Garment hanger. L. A. Young. 2,375,161; May 1.
Garment hanger. L. A. Young. 2,376,220; May 15.
Garment hanger. F. Zimmerman. 2,370,436; Feb. 27.
Garment hanger. S. Zirin. 2,366,665; Jan. 2.
Garment, Lady's. P. B. Kovitz. 2,378,088; June 12.
Garment, Maternity. H. S. Kohler. 2,370,049; Feb. 20.
Garment, Maternity. R. M. Mahoney. Re. 22,665; Aug. 14.
Garment of the slacks type. M. D. Neilson. 2,387,405; Oct. 23.
Garment opening, Double-piped. F. Altobelli. 2,388,516; Nov. 6.
Garment, Pleated. L. W. Volk. 2,374,314; Apr. 24.
Garment pocket construction, Secret. J. I. Schaffer. 2,383,217; Aug. 21.
Garment protecting hanger. S. Axelrod. 2,380,375; July 31.
Garment, Protection. N. H. Keeler and H. J. Eskelson. 2,389,152; Nov. 20.
Garment protector. D. Topjian. 2,390,565; Dec. 11.
Garment, Reversible. M. Kaufmann. 2,375,562; May 8.
Garment, Three-in-one. A. N. Carlu. 2,382,396; Aug. 14.
Garment treating form. R. Mittelstadt. 2,383,011; Aug. 21.
Garment trimming apparatus. J. Schlesinger. 2,377,907; June 12.
Garment, Wrap-around. A. Quinn. 2,373,415; Apr. 10.
Garter, Compensating. L. Roseman. 2,377,651; June 5.
Gas analysis. L. Horvitz. 2,376,145; May 15.
Gas analysis apparatus. W. F. Munn. 2,371,405; Mar. 13.
Gas analysis apparatus. O. R. Sommermeyer, Jr. 2,372,530; Mar. 27.
Gas and liquid contact apparatus. G. M. Hebbard. 2,377,781; June 5.
Gas and liquid mixer. C. D. Macgill. 2,390,313; Dec. 4.
Gas and oil burner. W. S. Patterson. 2,368,490; Jan. 30.
Gas blast electric circuit breaker. H. Trencham. 2,382,274; Aug. 14.
Gas burner. C. L. Dewey. 2,368,646; Feb. 6.
Gas burner. W. D. Fuller. 2,384,022; Sept. 4.
Gas burner. P. S. Harper. 2,385,413; Sept. 25.
Gas burner. P. S. Harper and G. F. Turner. 2,386,113; Oct. 2.
Gas burner. S. H. Hobson. 2,379,524; July 3.
Gas burner. S. Jaros. 2,369,235–6; Feb. 13.
Gas burner. H. R. Maxon, Jr. 2,368,370; Jan. 30.
Gas burner. R. L. Miller. 2,389,270; Nov. 20.
Gas burner. H. E. Mills. 2,385,528; Sept. 25.
Gas burner. B. Pratt. 2,376,273–4; May 15.
Gas burner. H. D. Schrader. 2,367,143; Jan. 9.
Gas burner. J. J. Wolfersperger. 2,385,854; Oct. 2.
Gas burner assembly. P. S. Harper. 2,372,573; Mar. 27.
Gas burning apparatus. T. B. Focke, J. A. Dahlstrom, and J. R. Kirkpatrick. 2,383,641; Aug. 28.
Gas-cleaning means and methods. G. W. Penney and R. A. Nielsen. 2,382,253; Aug. 14.
Gas control means, Floor furnace. L. V. McCarty. 2,387,164; Oct. 16.
Gas cutoff, Automatic. C. C. Phillips. 2,375,131; May 1.
Gas dispensing system. T. A. St. Clair. 2,384,266; Sept. 4.
Gas distribution means for multiple tube electrical precipitators, Adjustable. H. J. White. 2,374,715; May 1.
Gas expander, Liquefied. D. R. Douslin. 2,379,953; July 10.
Gas filter. E. G. Pierce. 2,385,938; Oct. 2.
Gas fitting, High-pressure. D. Morrow and L. Baldo. 2,370,182; Feb. 27.
Gas flasks, Making reinforced. C. H. Lindsay. 2,373,038; Apr. 3.
Gas generating burner. C. L. Ruhl. 2,386,978; Oct. 16.
Gas generator. U. L. Jones. 2,367,401; Jan. 16.
Gas generator. C. H. Schroder. 2,371,929; Mar. 20.
Gas heated sad iron. P. Ayala and A. Ballesteros. 2,377,856; June 12.
Gas heater. H. Gygi. 2,380,169; July 10.
Gas heater. R. Wiederkehr. 2,385,177; Sept. 18.
Gas heating apparatus. E. C. Miller. 2,369,746; Feb. 20.
Gasholder. W. E. Gruening. 2,367,497; Jan. 16.
Gas igniter. J. A. Cerny and J. Converse. 2,384,797; Sept. 18.
Gas lift pumping apparatus. J. L. Benard. 2,391,542; Dec. 25.
Gas manufacture. E. E. Stimson. 2,388,348; Nov. 6.
Gas meter. G. A. Ormerod. 2,367,735; Jan. 23.
Gas, Method and apparatus for distributing liquefied. O. A. Hansen and P. M. Riede. 2,385,984; Oct. 2.
Gas, Method and apparatus for treating and generating liquefield petroleum. J. R. Holicer. 2,377,342; June 5.
Gas mixer. N. M. Foster. 2,366,322; Jan. 2.
Gas mixture for methanol, Production of. F. W. de Jahn. 2,383,715; Aug. 28.
Gas neutralizing device. V. N. Testin. 2,376,733; May 22.
Gas operated turbine arrangement, Exhaust. D. C. Prince. 2,369,175; Feb. 13.
Gas powered model airplane control line apparatus. A. S. Kelecius. 2,390,307; Dec. 4.
Gas pressure regulator. F. Niesemann. 2,380,459; July 31.
Gas processing. R. M. Reed. 2,390,899; Dec. 11.
Gas producer. A. E. Blake. 2,381,200; Aug. 7.
Gas producer by solid fuel, and suitable to feed gas motors, and especially auto motors. E. U. D'Accadia. 2,390,058; Dec. 4.
Gas producers, Regulating the operation of. C. A. A. Bazille. 2,369,522; Feb. 13.
Gasproof container. D. Ray. 2,370,419; Feb. 27.
Gas proportioning system. O. L. Garretson. 2,379,633; July 3.
Gas purification. B. W. Collins. 2,378,689; June 19.
Gas purification. H. L. Gilmore. 2,390,297; Dec. 4.
Gas purification. F. D. Schreiber. 2,386,359; Oct. 9.
Gas purification and separation process. L. Rosenstein. 2,368,600; Jan. 30.
Gas purification process. H. A. Gollmar. 2,379,076; June 26.
Gas range. J. F. Hennessy. 2,369,825; Feb. 20.
Gas recycling process, Natural. D. G. Brandt. 2,367,285; Jan. 16.
Gas regulator. J. P. Johnson and A. H. Tidd. 2,383,801; Aug. 28.
Gas regulator for firearms. J. C. Garand. 2,369,669; Feb. 20.
Gas reservoirs, Evaluating the content of. J. P. Sloan. 2,380,081; July 10.
Gas storage and dispensing system, Liquefied hydrocarbon. T H Duff. 2,371,231; Mar. 13.
Gas system, Liquid petroleum. J. R. Holicer. 2,373,683; Apr. 17.
Gas testing method and apparatus. W. R. Calvert and B. E. White. 2,382,381; Aug. 14.
Gas turbine. J. S. Alford. 2,382,387; Aug. 14.
Gas turbine. J. S. Alford. 2,382,842; Aug. 14.
Gas turbine. G. W. Lawson. 2,385,006; Sept. 18.
Gas turbine arrangement. C. W. Smith. 2,370,694; Mar. 6.
Gas turbine cooling arrangement. W. A. Reeves. 2,370,192; Feb. 27.
Gas turbine motor plant. L. A. Hermitte. 2,371,889; Mar. 20.
Gas turbine plant. W. Traupel. 2,374,510; Apr. 24.
Gas valve. P. S. Harper. 2,379,854; July 10.
Gas valve control attachment. J. S. Andrews. 2,371,727; March 20.
Gaseous discharge device. D. W. Abernathy. 2,369,767; Feb. 20.
Gaseous discharge tube. S. G. Klumb. 2,372,208; Mar. 27.
Gaseous fuel control. C. A. Chamberlain. 2,373,381; Apr. 10.
Gaseous mixtures. Recovery of sulphur from. E. P. Fleming and T. C. Fitt. 2,388,259; Nov. 6.
Gases, Absorption of. W. C. Jones and C. T. Shewell. 2,372,085; Mar. 20.
Gases, Administration of inhalant. W. Edmondson and W. Jones. 2,388,533; Nov. 6.
Gases, Analyzing. D. G. C. Hare. 2,389,046; Nov. 13.
Gases and utilizing the same, Compressing. F. R. Russell. 2,379,751; July 3.
Gases and vapors, Cracking hydrocarbon. C. F. Ramseyer. 2,389,636; Nov. 27.
Gases, Method and apparatus for dispensing liquefied. O. A. Hansen. 2,368,215; Jan. 30.
Gases, Purification of. F. R. Balcar. 2,384,065; Sept. 4.
Gases, Purification of. H. Scott and P. R. Kalischer. 2,383,344; Aug. 21.
Gases, Purification of chlorine-containing. W. P. Schambra and C. M. Shigley. 2,369,610; Feb. 13.
Gases, Treatment of. A. J. L. Hutchinson and I. C. Bechtold. 2,375,560; May 8.
Gases, Treatment of. H. Z. Martin. 2,379,734; July 3.
Gases with a solid material, Method and apparatus for contacting. L. P. Evans. 2,386,670; Oct. 9.
Gases with liquids, Methods and apparatus for reacting. H. H. Friedel. 2,385,200; Sept. 18.
Gasifier, Engine fuel. E. G. Baker. 2,389,714; Nov. 27.
Gasket cutter. C. H. Witter and M. J. Welter. 2,368,908; Feb. 6.
Gasket for pressure relief disk valves. P. B. Drane. 2,386,940; Oct. 16.
Gasket material. R. C. Bascom. 2,381,248; Aug. 7.
Gasket material. D. S. Crampton. 2,373,461; Apr. 10.
Gasket material. H. B. Denman. 2,368,118; Jan. 30.
Gasket material, Making. W. F. Bernstein, T. F. Mika, S. M. Lillis, and O. L. Colwell. 2,367,181; Jan. 16.
Gasket structure, Hydrocarbon resistant, light pressure sealing. D. M. Sellew. 2,383,570; Aug. 28.
Gasketed joint. C. G. Malmberg. 2,384,386; Sept. 4.

Gasoline and water separator. T. Miller. 2,387,035; Oct. 16.
Gasoline, Deleading. G. Calingaert, H. Soroos, and H. Shapiro. 2,390,988; Dec. 18.
Gasoline engine. R. A. Weatherup. 2,388,452; Nov. 6.
Gasoline, Manufacture of high octane. F. J. Jenny. 2,369,237; Feb. 13.
Gasoline mixture indicator. A. J. Schier. 2,373,055; Apr. 3.
Gasoline, Preparation of sweet high octane. H. G. M. Fischer. 2,369,554; Feb. 13.
Gasoline, Production of aviation. J. A. Anderson, Jr. 2,389,176; Nov. 20.
Gasoline, Recovering. F. G. Noble. 2,386,057; Oct. 2.
Gasoline, Reducing the sulphur content of. V. Abeles. 2,378,382; June 19.
Gasoline, Removing dye and tetraethyl lead from. F. E. Neef, Jr. 2,368,261; Jan. 30.
Gasoline, Stabilized aviation. J. E. Mital. 2,373,631; Apr. 10.
Gasoline stabilizing operation, Controlling. H. C. Gormly. 2,367,862; Jan. 23.
Gasolines, Production of high octane paraffinic. C. C. Crawford, D. L. Fuller, and B. S. Greensfelder. 2,373,674; Apr. 17.
Gastroscope. L. L. Hardt and L. Streifeneder. 2,376,249; May 15.
Gate: *See*—
- Adjustable electric gate.
- Automatic lock gate.
- Power tail gate.
- Tail gate.
- Vibrating conveyer gate.

Gate lock. J. Lamach. 2,376,066; May 15.
Gate valve. L. J. Bordo. 2,381,431; Aug. 7.
Gate valve. J. L. Henderson. 2,380,647; July 31.
Gate valve assembly. A. J. Penick. 2,385,463; Sept. 25.
Gates and similar structures, Building caisson. J. Loewenstein. 2,373,484; Apr. 10.
Gathering and loading machine. F. Cartlidge. 2,381,108–9; Aug. 7.
Gauge: *See*—
- Angle and distance gauge.
- Bore gauge.
- Boring tool setting gauge.
- Carburetor ice warning gauge.
- Comparator gauge.
- Container gauge.
- Depth gauge.
- Electric gauge.
- Electrical strain gauge.
- Electromagnetic gauge.
- Force gauge.
- Height gauge.
- Immersion gauge.
- Inside diameter measuring and indicator gauge.
- Liquid level gauge.
- Liquid seal and flow gauge.
- Maximum pressure gauge.
- Micrometer gauge.
- Optical tool gauge.
- Planer gauge.
- Plug gauge.
- Pressure gauge.
- Print trimming gauge.
- Rain gauge.
- Rule setting gauge.
- Sawmill gauge.
- Taper gauge.
- Temperature compensated gauge.
- Tire pressure gauge.
- Tool setting gauge.
- Tree grafting gauge.
- Twist drill gauge.
- Type size and space gauge.
- Water gauge.

Gauge. G. R. Eckstein. 2,377,679; June 5.
Gauge. E. H. Fors. 2,366,508; Jan. 2.
Gauge. E. H. Fors and J. W. Rodnick. 2,368,129; Jan. 30.
Gauge. H. Heyman. 2,372,493; Mar. 27.
Gauge. E. C. Horton. 2,382,633; Aug. 14.
Gauge. E. C. Lundeberg. 2,377,020; May 29.
Gauge. J. T. Nock. 2,374,830; May 1.
Gauge. J. R. Oishei and E. C. Horton. 2,378,156; June 12.
Gauge. W. P. Powers. 2,390,122; Dec. 4.
Gauge. P. T. Smith. 2,369,319; Feb. 13.
Gauge. J. C. Thomas. 2,379,048; June 26.
Gauge. W. H. Troedson. 2,387,218; Oct. 16.
Gauge and miter measuring device, Machinists. F. R. Newell, 2,382,250; Aug. 14.
Gauge and producing it, Strain. R. H. Ostergren. 2,386,879; Oct. 16.
Gauge board. W. L. Fry. 2,388,402; Nov. 6.
Gauge device. D. L. Benton. 2,366,430; Jan. 2.
Gauge fabricating machine, Strain. G. S. Nalle, Jr. 2,377,361; June 5.
Gauge for liquefied petroleum gas tanks, Rotary. J. R. Holicer. 2,377,343; June 5.
Gauge for pipe bending machines. G. N. Simonsen. 2,382,266; Aug. 14.
Gauge for pneumatic tires, Pressure. A. Boynton. 2,384,437; Sept. 11.
Gauge for tanks, Liquid level. E. P. and S. Du Pont. 2,368,705; Feb. 6.
Gauge for tubular joints, Conformator. G. H. Bugenhagen. 2,380,919; Aug. 7.
Gauge for typewriting machines, Leading edge. C. W. Brumhill. 2,386,431; Oct. 9.
Gauge for use in welding. W. H. Cummins. 2,389,842; Nov. 27.
Gauge head for electrical measuring apparatus. R. E. Reason. 2,370,073; Feb. 20.
Gauge mounting. C. F. Brown. 2,376,118; May 15.
Gauge to indicate oil pressure in a crankcase. W. H. Francisco, Jr. 2,375,096; May 1.
Gauge with correction for temperature, Tank contents. C. A. de Giers. 2,382,695; Aug. 14.
Gauge with thermal current control, Strain. A. C. Ruge. Re. 22,589; Jan. 9.
Gauges, Guiding. J. T. Emmerton. 2,381,491; Aug. 7.
Gauges, Renovating worn gap. H. S. Hallewell. 2,384,674; Sept. 11.
Gauging. T. A. Olson and J. Klopak. 2,389,535; Nov. 20.
Gauging and sorting apparatus. C. R. Rasmussen. 2,375,385; May 8.
Gauging apparatus. J. A. Cook. 2,387,645; Oct. 23.
Gauging apparatus. H. J. Landay and C. W. Warren. 2,382,885; Aug. 14.
Gauging apparatus. A. Rappl. 2,367,797; Jan. 23.
Gauging apparatus. L. E. Wattebot. 2,375,600; May 8.
Gauging apparatus. H. W. Wineland. 2,377,738; June 5.
Gauging apparatus for builders and the like. R. Eggemeyer. 2,371,286; Mar. 13.
Gauging apparatus for liquid storage tanks. J. H. Wiggins. 2,377,288; May 29.
Gauging device. W. F. Aller. 2,370,219; Feb. 27.
Gauging device. W. F. Aller. 2,384,518–19; Sept. 11.
Gauging device. W. F. Aller and L. J. Mahlmeister. 2,370,220; Feb. 27.
Gauging device. W. F. Aller and L. J. Schulze. 2,367,255; Jan. 16.
Gauging device. E. H. Birdsall. 2,387,638; Oct. 23.
Gauging device. G. A. Björklund and H. V. Torneböhm. 2,372,879; Apr. 3.
Gauging device. E. F. Martinec. 2,376,372; May 22.
Gauging device. J. H. Straw. 2,370,503; Feb. 27.
Gauging device. J. H. Straw. 2,387,814; Oct. 30.
Gauging machine. W. W. Scott and C. L. Lewis. 2,390,741; Dec. 11.
Gauging mechanism, Centerless grinder. E. L. Kuhns. 2,389,787; Nov. 27.
Gear: *See*—
- Aeronautical take-off gear.
- Aircraft alighting gear.
- Aircraft landing gear.
- Aircraft retractable alighting gear.
- Airplane landing gear.
- Ball bearing screw and nut gear.
- Boat gear.
- Bomb displacing gear.
- Dead centerless crank gear.
- Draft gear.
- Floating draft gear.
- Friction wheel change speed gear.
- Landing gear.
- Locomotive power reverse gear.
- Pneumatic flotation gear.
- Power steering gear.
- Power transmission gear.
- Reduction gear.
- Reverse gear.
- Speed change gear.
- Speed reduction gear.
- Torpedo launching gear.
- Vehicle landing gear.

Gear. H. L. Denton. 2,372,625; Mar. 27.
Gear and clutch mechanism, Reversing. R. H. Clarke. 2,375,524; May 8.
Gear and locking device, Lawn mower. F. E. Thompson. 2,383,696; Aug. 28.
Gear and wheel for airplanes, Safety landing. M. L. Reed. 2,376,621; May 22.
Gear and wing slot control, Landing. R. C. Blaylock. 2,386,288; Oct. 9.
Gear assembly, Reduction. G. G. Bluemink and J. H. Nelson. 2,379,273; June 26.
Gear change mechanism for lathes. C. A. Bickel. 2,377,305; June 5.
Gear changing mechanism. A. H. Wickham. 2,375,602; May 8.
Gear checking fixture. G. R. Chitwood. 2,367,004; Jan. 9.
Gear checking, Method and apparatus for. L. D. Martin. 2,369,477; Feb. 13.
Gear construction. E. F. Miller. 2,380,776; July 31.
Gear cutter. H. Pelphrey. 2,374,890; May 1.
Gear divider assembly, Multiple unit compact. J. A. Lauck. 2,386,219; Oct. 9.
Gear fairing, Retractable landing. I. N. Palley. 2,388,365; Nov. 6.
Gear finishing. M. B. Mentley. 2,372,444; Mar. 27.
Gear finishing, Herringbone. R. S. Drummond. 2,380,224; July 10.
Gear for aircraft, Landing. S. Foster. 2,376,678; May 22.
Gear for aircraft, Retractable tail landing. C. R. Waseige. 2,387,628; Oct. 23.
Gear for bombs, Displacing. C. Grotke. 2,386,680; Oct. 9.
Gear for electric motor driven mechanisms, Control. A. Arnot. 2,373,736; Apr. 17.
Gear for flying machines, Landing. R. H. Miles. 2,376,374; May 22.
Gear for railway cars, Friction draft. W. A. Geiger. 2,380,303; July 10.
Gear for trailers, Landing. C. Bohlen, Jr. 2,391,384; Dec. 25.
Gear for vehicles, Steering. S. H. Edge and E. Twemlow. 2,382,866; Aug. 14.
Gear, Forming a split ring. R. J. Eiseman and R. E. Wenner. 2,385,617; Sept. 25.
Gear forming machine. J. Sneed. 2,374,901; May 1.
Gear generating machine with indexing means, Planetary. E. W. Miller. 2,371,770; Mar. 20.
Gear generator. S. C. Watson. 2,378,963; June 26.
Gear grinding machine, Automatic. E. W. Miller. 2,387,166; Oct. 16.
Gear grinding machine with feed controlling slide, Generative. E. W. Miller. 2,387,167; Oct. 16.
Gear grinding, Method and apparatus for smooth-finish. E. W. Miller. 2,368,559; Jan. 30.
Gear lapping machine. F. W. Davis. 2,385,129; Sept. 18.
Gear lapping machine. O. C. Kayle. 2,377,241; May 29.

Gear mechanism, Speed varying. F. J. Rode and M. R. Hatch. 2,382,820; Aug. 14.
Gear protecting boot, Landing. S. M. Stergis. 2,378,046; June 12.
Gear pump. F. Egersdörfer. 2,382,701; Aug. 14.
Gear pump. G. W. Müller. 2,386,257; Oct. 9.
Gear reduction unit, Worm. W. Noble. 2,388,863; Nov. 13.
Gear shaving machine. W. S. Praeg. 2,387,679; Oct. 23.
Gear shifter lock. C. A. Hubert and H. A. Land. 2,368,139; Jan. 30.
Gear shifting mechanism. A. R. Leukhardt. 2,374,869; May 1.
Gear shifting mechanism. C. D. Peterson and E. J. Barth. 2,385,231; Sept. 18.
Gear shifting mechanism. T. F. Rainsford. 2,381,773; Aug. 7.
Gear shifting mechanism. R. S. Sanford and W. J. Andres. 2,388,088; Oct. 30.
Gear shifting mechanisms for transmissions, Automatic. R. Brunken. 2,373,453; Apr. 10.
Gear strut, Landing. W. G. Wood. 2,376,951; May 29.
Gear system. E. S. Taylor. 2,386,367; Oct. 9.
Gear transmission. W. F. Zimmermann. 2,374,256; Apr. 24.
Gear transmission, Multispeed. J. J. Campodonico. 2,386,540–1; Oct. 9.
Gear unit, Air-cooled reduction. W. Noble. 2,391,186; Dec. 18.
Gearing. J. U. Signer and L. M. Douglas. 2,389,557; Nov. 20.
Gearing, Differential. C. C. Barber. 2,382,846; Aug. 14.
Gearing for aircraft propellers, Change-speed. O. H. Banker. 2,380,390; July 31.
Gearing for steering mechanically propelled vehicles and for other purposes. R. H. Johnston. 2,377,559; June 5.
Gearing for turbine-driven locomotives, Reduction. J. S. Newton and E. E. Arnold. 2,371,255; Mar. 13.
Gearing for washing machines, Variable-speed. E. E. Hood. 2,387,216; Oct. 16.
Gearing, Overdrive. M. H. Frank. 2,390,645; Dec. 11.
Gearing, Reversing. H. Sinclair. 2,375,952; May 15.
Gearing, Speed-varying. L. Oldfield. 2,378,577; June 19.
Gearing, Tooth. F. Maud and S. I. Founce. 2,376,161; May 15.
Gears, Cutting. A. L. Stewart. 2,384,499; Sept. 11.
Gears, Finishing. H. Ashton. 2,380,208; July 10.
Gears, Method and machine for producing. E. Wildhaber. 2,376,465; May 22.
Gears, Process and machine for grinding toothed. A. Rickenmann. 2,385,650; Sept. 25.
Gears, Producing. E. Wildhaber. 2,372,240–1; Mar. 27.
Gears, Shaving. W. S. Praeg. 2,380,261; July 10.
Gel particles, Spheroidal. M. M. Marisic. 2,384,945; Sept. 18.
Gel pellets. M. M. Marisic. 2,385,217; Sept. 18.
Gel and gelling agent. A. Weissberger and J. L. Leiserson. 2,388,887; Nov. 13.
Gelatin. C. C. Zeigler. 2,368,393; Jan. 30.
Gelatin filaments and preparation thereof. J. H. Highberger and H. J. Kersten. 2,374,201; Apr. 24.
Gelatin, Hardening of. R. H. Zappert. 2,372,873; Apr. 3.
Gelatinous hydroxides, Purification of. A. H. Riesmeyer and V. M. Stowe. 2,390,272; Dec. 4.
Gelatinous material. E. F. Christopher. 2,379,065; June 26.
Gels and composition, Producing pectinous. L. H. Evans and L. J. Huber. 2,380,739; July 31.
Gels comprising silicia. M. M. Marisic and S. Dray. 2,386,810; Oct. 16.
Generating bearing surfaces. L. I. Yeomans. 2,385,247; Sept. 18.
Generating device, Spherical surface. A. J. Holman. 2,381,449; Aug. 7.
Generating helices. J. E. Kline. 2,378,302; June 12.
Generating means, Fluid pressure. G. A. Wahlmark. 2,383,093; Aug. 21.
Generating power. F. E. Smith. 2,374,710; May 1.
Generating system, Frequency changing signal. S. Frankel. 2,380,959; Aug. 7.
Generating system, Thermoelectric. W. A. Ray. 2,377,516; June 5.
Generator: *See*—
Acetylene generator.
Alternating and direct-current generator.
Alternating current generator.
Electric high-frequency generator.
Electric vibration generator.
Electrolytic decomposing gas generator.
Gas generator.
Gear generator.
Harmonic generator.
High frequency generator.
High-pressure steam generator.
High-speed direct current generator.
Impulse generator.
Internal-combustion pressure generator.
Oil smoke generator.
Oscillation generator.
Portable oxygen-acetylene generator.
Smudge pot generator.
Sound generator.
Spring motor driven generator.
Steam generator.
Subharmonic generator.
Synchronizing generator.
Thermoelectric generator.
Vapor generator.
Voltage generator.
Water gas and producer gas generator.
Wind driven electric generator.
Generator. J. H. Blankenbuehler. 2,378,894; June 26.
Generator. H. L. Bone and J. W. Livingston. 2,374,728; May 1.
Generator. H. Y. Fisher. 2,390,877; Dec. 11.
Generator and lighter for oil heaters, Combined. J. S. Hodges. 2,375,471; May 8.
Generator charged wih solid combustion fuel, Gas. K. T. Källe. 2,376,149; May 15.
Generator connection, Synchronous motor. H. A. Strickland, Jr. 2,381,373; Aug. 7.
Generator drive. E. S. MacPherson. 2,383,872; Aug. 28.
Generator drive, Two speed. G. C. Goode and E. Gonyou. 2,375,785; May 15.
Generator field, Small high-speed. H. E. Criner. 2,376,845; May 22.
Generator field structure. P. F. Scofield. 2,371,268; Mar. 13.
Generator for spectrographic analyses, Spark. H. L. Clark. 2,391,225; Dec. 18.
Generator particularly for electric phase metering, Pulse. R. Hardy. 2,374,817; May 1.
Generator regulating system. W. E. Brown. 2,375,193; May 8.
Generator regulator. E. I. Shobert, II, J. E. Diehl, and A. J. Schutz. 2,366,878; Jan. 9.
Generator set, Automatic stopping and starting. G. A. Scherry. 2,384,135; Sept. 4.
Generator, Steam. G. A. Skaggs. 2,388,345; Nov. 6.
Generator unit, Gas. C. E. Peck. 2,381,306; Aug. 7.
Generator with vibrating feed valve, Acetylene. C. F. Smith. 2,367,240; Jan. 16.
Generators for heaters and infusion strainers, Steam. J. H. Herrera. 2,371,328; Mar. 13.
Geochemical prospecting. L. Horvitz. 2,370,793; Mar. 6.
Geochemical prospecting. B. Hubbard. 2,377,082; May 29.
Geochemical prospecting. R. T. Sanderson. 2,375,949; May 15.
Geochemical prospecting system. H. E. Metcalfe. 2,374,227; Apr. 24.
Geochemical surveying. E. E. Roper. 2,374,135; Apr. 17.
Geochemical well-logging. L. Horvitz. 2,374,937; May 1.
Geological prospecting system. R. A. Peterson. 2,388,703; Nov. 13.
Geometrical instrument. E. R. Douglass. 2,382,618; Aug. 14.
Geometrical instrument. P. G. Jennings. 2,383,316; Aug. 21.
Geometrical instrument. R. S. Sink. 2,383,348; Aug. 21.
Geophysical prospecting apparatus. A. F. Hasbrook. 2,383,966; Sept. 4.
Geophysical prospecting apparatus. A. F. Hasbrook. 2,384,739; Sept. 11.
Geophysical prospecting apparatus. J. P. Minton. 2,371,973; Mar. 20.
Geophysical surveys, Making. S. R. Phelan. 2,382,093; Aug. 14.
Germicidal preparation. Z. Baker and B. F. Miller. 2,380,011; July 10.
Gin, Milkweed. B. Berkman, A. R. Bacon, and C. Weber. 2,375,187; May 8.
Girdle. C. Stone. 2,381,232; Aug. 7.
Girdle, Balloon. K. M. McLellan. 2,386,704; Oct. 9.
Gland. C. D. P. Smallpeice. 2,376,017; May 15.
Gland extracts, Obtaining. R. L. Jones. 2,388,417; Nov. 6.
Gland for stirrer shafts, Packing. F. R. Russell. 2,374,960; May 1.
Glass annealing and method. E. D. Tillyer and J. W. Ford. 2,369,189; Feb. 13.
Glass articles, Cooling. W. E. Aksomitas. 2,390,910; Dec. 11.
Glass articles, Reheating and reforming of. D. E. Gray. 2,367,495; Jan. 16.
Glass articles, Tempering. A. Quentin. 2,375,944; May 15.
Glass batch. G. J. Bair. 2,366,473; Jan. 2.
Glass, Bending. C. F. Binkert and J. E. Jendrisak. 2,377,849; June 12.
Glass blowing machine. R. G. Allen. 2,372,642; Apr. 3.
Glass-blowing machine. S. A. Forter. 2,373,820; Apr. 17.
Glass cleaner. R. M. Schlabach. 2,386,066; Oct. 2.
Glass coffee maker adjustable handle. J. H. Reichart. 2,389,740; Nov. 27.
Glass composition. R. W. Goodwin. 2,389,305; Nov. 20.
Glass composition. A. G. Pincus. 2,381,925; Aug. 14.
Glass composition, Lead. J. H. Partridge. 2,388,866; Nov. 13.
Glass composition, Safety. G. Barsky. 2,386,534; Oct. 9.
Glass cutting apparatus. J. Joss. 2,370,470; Feb. 27.
Glass electrode and method. H. H. Cary and W. P. Baxter. 2,366,489; Jan. 2.
Glass feeder. J. W. Ross. 2,390,176; Dec. 4.
Glass fibers, Manufacture of spun. P. Modigliani. 2,369,481; Feb. 13.
Glass fibers, Phenolic resin embodying. R. W. Auxier. 2,372,048; Mar. 20.
Glass forming machine. S. D. Bert. 2,378,176; June 12.
Glass forming machine. G. F. Jardine. 2,368,472; Jan. 30.

Glass forming machine. A. F. McNish. 2,376,928; May 29.
Glass forming machine. T. H. Sloan. 2,384,498; Sept. 11.
Glass-lifting device. A. L. Cohen. 2,370,938; Mar. 6.
Glass, Making. H. P. Hood. 2,386,685; Oct. 9.
Glass, Manufacture of laminated safety. J. D. Ryan. 2,386,980; Oct. 16.
Glass melting furnace. W. A. Moorshead. 2,385,529; Sept. 25.
Glass, Metalizing. C. D. Haven. 2,369,350; Feb. 13.
Glass, Method and apparatus for making. A. K. Lyle. 2,388,274; Nov. 6.
Glass, Molding. C. W. Clapp. 2,390,354; Dec. 4.
Glass, Phosphate. J. E. Stanworth. 2,390,191; Dec. 4.
Glass, Process and apparatus for producing laminated safety. W. J. Hubbard. 2,378,016; June 12.
Glass receptacle. R. C. Cobel. 2,378,355; June 12.
Glass, Reduction in reflection from. G. L. Dimmick. 2,371,611; Mar. 20.
Glass, Refining. J. W. Wright. 2,387,222; Oct. 16.
Glass screw cap. H. C. Buchman. 2,372,156; Mar. 20.
Glass sheets and the like, Separating. J. A. McCormick, Jr. 2,372,215; Mar. 27.
Glass sheets and the like, Separating. J. A. McCormick, Jr. 2,378,091; June 12.
Glass structure and producing the same, Laminated. G. B. Watkins. 2,374,056–7; Apr. 17.
Glass structures, Producing laminated. J. D. Ryan. 2,374,040; Apr. 17.
Glass supporting frame. G. Z. Minton. 2,379,244; June 26.
Glass surface and manufacturing the same, Curved. V. Walker. 2,372,535; Mar. 27.
Glass surfaces, Fortification of. F. W. Adams. 2,377,062; May 29.
Glass surfaces, Polishing of. F. W. Adams. 2,366,825; Jan. 9.
Glass tank. M. S. Tarnopol. 2,385,954; Oct. 2.
Glass, Tempering. G. White. 2,388,808; Nov. 13.
Glass tempering apparatus. J. K. Jackson. 2,372,898; Apr. 3.
Glass tempering apparatus. W. R. Wisner. 2,377,536; June 5.
Glass transparent to far ultraviolet. H. P. Hood. 2,382,056; Aug. 14.
Glass treatment process. S. J. Harris. 2,376,872; May 29.
Glass unit, Laminated. L. D. Keslar. 2,377,084; May 29.
Glass, Window. W. E. Heckman. 2,382,566; Aug. 14.
Glass working machine. D. E. Gray. 2,382,052; Aug. 14.
Glasses, Eye-protecting. H. P. Hood. 2,378,769; June 19.
Glasses, Safety. S. W. Damian. 2,368,117; Jan. 30.
Glassine paper. P. H. Cate. 2,387,429; Oct. 23.
Glassware-forming apparatus. E. Danner. 2,370,618; Mar. 6.
Glassware-forming apparatus. E. Danner. 2,390,925; Dec. 11.
Glassware-forming apparatus, Hollow. E. Danner. 2,390,926; Dec. 11.
Glassware forming machine. C. C. Kinker. 2,376,602; May 22.
Glassware spraying apparatus. A. S. Jackson and E. W. Summers. 2,369,737; Feb. 20.
Glassware working apparatus. E. E. Slick. 2,383,349; Aug. 21.
Glazier's tool, Magnetic. J. H. Cloney. 2,369,021; Feb. 6.
Glazing unit and mounting therefor, Multiple. O. H. Paddock. 2,378,031; June 12.
Glazing unit and mounting therefor, Multiple. G. B. Watkins. 2,369,382; Feb. 13.
Glazing unit and mounting therefor, Multiple. G. B. Watkins. 2,381,194; Aug. 7.
Glide path beacon. A. G. Kandoian. 2,367,680; Jan. 23.
Glider. C. F. Abel and A. I. Lodwick. 2,388,109; Oct. 30.
Glider-cradle. E. W. Worley. 2,380,355; July 10.
Glider, Crewless. L. W. Van Dusen. 2,385,392; Sept. 25.
Glider, Electrically powered. S. Bizjak. 2,368,630; Feb. 6.
Globe. J. A. Arnold. 2,379,468; July 3.
Globe construction. R. von Siegl. 2,378,115; June 12.
Globe construction, Geographical. O. A. Colberg. 2,368,347; Jan. 30.
Globe valve. C. A. Dies. 2,373,552; Apr. 10.
Glossmeter. E. C. Dench. 2,388,727; Nov. 13.
Glove, H. W. Beall. 2,373,940; Apr. 17.
Glove, R. A. Whitaker. 2,372,697; Apr. 3.
Glove, Baker's safety. A. Morton. 2,391,263; Dec. 18.
Glove, Bowling. E. D. Willard. 2,391,851; Dec. 25.
Glove construction. M. Julianelli and C. A. Julianelli. 2,386,688; Oct. 9.
Glove, Golfer's. N. B. Frost. 2,379,430; July 3.
Glove or mitten. V. H. Hurt. 2,378,773; June 19.
Glow discharge lamp. L. Goldstein and F. Perrin. 2,374,677; May 1.
Glucosides and making the same. K. Miescher, J. Heer, and W. Fischer. 2,376,443; May 22.
Glue and gelatin, Extracting. D. P. Grettie. 2,384,673; Sept. 11.
Glue-applying machine. B. S. Davis. 2,371,031; Mar. 6.
Glue applying machine, Automatic. W. J. Haessler. 2,368,759; Feb. 6.
Glue bond, Producing weather-resistant. C. N. Cone. 2,389,183; Nov. 20.
Glue feeder for veneer machines. G. M. Gustin. 2,372,894; Apr. 3.
Gluing. L. Q. Harris. 2,387,261; Oct. 23.
Gluing device, Box. C. Christiansen. 2,379,216; June 26.
Gluing machine, Heel. W. A. Thum. 2,378,256; June 12.
Gluing means for packaging machinery. A. G. Rose. 2,370,583; Feb. 27.
Gluing mechanism. C. Z. Monroe. 2,387,929; Oct. 30.
Glutamic acid hydrochloride, Preparation of. V. S. Waters. 2,380,890; July 31.
Glutamic acid, Manufacture of. C. L. Royal. 2,373,342; Apr. 10.
Glyceride oils of the unsaturated ester type, Treating. R. A. Carleton. 2,367,666; Jan. 23.
Glycerides, Treating fatty. E. E. Dreger. 2,383,596; Aug. 28.
Glycerides, Treating fatty. G. A. Glossop. 2,383,599; Aug. 28.
Glycerides, Treating fatty. W. R. Trent. 2,383,632–3; Aug. 28.
Glycerides, Treatment of fatty. G. I. Keim and J. Ross. 2,383,602; Aug. 28.
Glycerides, Treatment of fatty. J. H. Percy. 2,383,614; Aug. 28.
Glycerin, Purification of. H. E. Hoyt. 2,381,055; Aug. 7.
Glycerol fermentation process. H. M. Hodge. 2,381,052; Aug. 7.
Glycerol formed by fermentation, Purification of. J. S. Wallerstein, R. T. Alba, and E. Farber. 2,366,990; Jan. 9.
Glycerol from fermented liquors, Recovery of. R. A. Walmesley. 2,389,173; Nov. 20.
Glycerol production. E. I. Fulmer, L. A. Underkofler, and R. J. Hickey. 2,388,840; Nov. 13.
Glycerol, Recovery of. E. H. Brittain, W. P. Joshua, and J. M. Whitmarsh. 2,377,306; June 5.
Glycols, Preparation of. E. Arundale and L. A. Mikeska. 2,367,324; Jan. 16.
Glyoxal-ketone condensation products and making them. J. B. Rust. 2,388,086; Oct. 30.
Godet. H. J. McDermott. 2,388,068; Oct. 30.
Goggle. F. W. Maurer. 2,387,522; Oct. 23.
Goggle. E. A. Ring. 2,391,349; Dec. 18.
Goggle. W. J. Stevenson. 2,391,361; Dec. 18.
Goggle, Industrial. E. D. Ditto. 2,367,389; Jan. 16.
Goggle, Utility. E. A. Ring. 2,388,574; Nov. 6.
Goggles. W. Lown and C. A. Baratelli. 2,387,851; Oct. 30.
Goggles. H. M. Ditto. 2,388,635; Nov. 6.
Goggles and eyeshade, Combination. B. H. Crowther. 2,385,405; Sept. 25.
Goggles and respirator, Combined. J. S. Kish. 2,372,834; Apr. 3.
Goggles, Industrial. N. R. Marto. 2,370,807; Mar. 6.
Golf bag. H. E. Baylis. 2,368,095; Jan. 30.
Golf ball teeing device. K. Fuller. 2,370,529; Feb. 27.
Golf club. J. L. Nilson. 2,384,333; Sept. 4.
Golf club, Adjustable head. T. Bancroft. 2,381,636; Aug. 7.
Golf club carrier. J. Mitchell. 2,367,234; Jan. 16.
Golf club, Practice. L. A. Benecke. 2,388,463; Nov. 6.
Golf club, Vari-position. J. W. Hill. 2,386,552; Oct. 9.
Golf playing apparatus. W. A. Smith. 2,379,663; July 3.
Golf target. T. E. Watson. 2,374,906; May 1.
Golf tee. B. A. Coffin. 2,391,392; Dec. 25.
Goniometer construction. H. G. Busignies and A. G. Richardson. 2,379,422; July 3.
Goods processing machine, Continuous piece. W. M. Wentz. 2,369,696; Feb. 20.
Governing apparatus. A. F. Schwendner. 2,390,740; Dec. 11.
Governing means. F. C. Reggio. 2,384,340; Sept. 4.
Governing mechanism. L. A. Gore. 2,367,209; Jan. 16.
Governing mechanism. F. G. Philo. 2,368,567; Jan. 30.
Governor. A. N. Blazer. 2,378,178; June 12.
Governor. I. R. Bourland and A. A. Heavener. 2,371,793; Mar. 20.
Governor. G. F. Drake. 2,371,157; Mar. 13.
Governor. H. C. Edwards. 2,372,179; Mar. 27.
Governor. A. F. Hoppe. 2,372,274; Mar. 27.
Governor. A. Kalin. 2,378,558; June 19.
Governor. A. Kalin. 2,379,304; June 26.
Governor. M. Mallory. 2,368,995; Feb. 6.
Governor. E. Olson. 2,367,606; Jan. 16.
Governor adjusting mechanism. G. F. Drake. 2,374,083; Apr. 17.
Governor adjusting mechanism. H. M. Greenman. 2,380,963; Aug. 7.
Governor and ignition system for internal-combustion engines, Combination. M. Mallory. 2,381,611; Aug. 7.
Governor apparatus. M. Gottlieb. 2,385,201; Sept. 18.
Governor, Automatic compensating centrifugal. W. E. Benjamin. 2,369,426; Feb. 13.
Governor, Centrifugal. D. Gardner. 2,368,822; Feb. 6.
Governor, Centrifugal. K. L. Jensen. 2,374,434; Apr. 24.
Governor, Centrifugal speed. H. Ziebolz. 2,376,844; May 22.
Governor, Centrifugally operated engine speed. R. C. Cross. 2,376,665; May 22.

Governor controlled throttle, Compensating. F. D. Biddle. 2,370,224; Feb. 27.
Governor device, Centrifugally controlled. A. S. Howell. 2,382,228; Aug. 14.
Governor, Engine. M. Mallory. 2,381,550; Aug. 7.
Governor for gramophones, Speed. S. G. Falk. 2,375,639; May 8.
Governor for internal-combustion engine, Speed. L. Langhaar. 2,375,479; May 8.
Governor for internal-combustion engines. M. Mallory. 2,377,256; May 29.
Governor for internal-combustion engines. M. Mallory. 2,381,131; Aug. 7.
Governor for internal-combustion engines. M. Mallory. 2,386,699; Oct. 9.
Governor for internal-combustion engines, Mechanical. W. E. Armstrong. 2,382,952; Aug. 21.
Governor mechanism. J. H. Holloway. 2,373,684; Apr. 17.
Governor mechanism. T. B. Martin. 2,375,429; May 8.
Governor sleeve dislodging and removing tool. W. G. Smith. 2,375,391; May 8.
Governor, Speed. C. R. Beall. 2,388,946; Nov. 13.
Governor, Speed. G. V. Jefferson and S. E. Gillespie. 2,372,579; Mar. 27.
Governor, Steam trap. B. Swift. 2,390,749; Dec. 11.
Governor, Wind impeller. J. Prince. 2,384,767; Sept. 11.
Gown, Patient's. A. E. Boettcher. 2,374,643; May 1.
Grab. A. J. G. Watson. 2,372,347; Mar. 27.
Grabhook. A. L. Stahl. 2,366,157; Jan. 2.
Grab used for boring wells. P. J.-M. T. Allard. 2,390,047; Dec. 4.
Grade indicator. A. P. Gubrud. 2,379,350; June 26.
Grader or sizer. F. Hodecker. 2,370,539; Feb. 27.
Grading and sacking device. E. A. Ernst. 2,377,619; June 5.
Grading machine. A. G. B. Metcalf. 2,367,685; Jan. 23.
Grading machine. D. Wheeler. 2,386,579; Oct. 9.
Gradometer. A. R. Peer. 2,374,124; Apr. 17.
Grafite molds and the like, Manufacture of. J. Hueberger. 2,370,350; Feb. 27.
Grain, Decorticating. V. Rakowsky and J. R. Reid. 2,379,184; June 26.
Grain developers, Fine. R. W. Henn and J. I. Crabtree. 2,376,141; May 15.
Grain drill. J. H. Starr. 2,383,693; Aug. 28.
Grain loader. E. S Rensch. 2,378,658; June 19.
Grain, Milling. V. Borsakovsky. 2,379,677; July 3.
Grain products, Manufacturing. T. Earle. 2,366,711; Jan. 9.
Grain shape control in killed deep drawing materials. R. S. Burns and A. S. McCabe. 2,381,435; Aug. 7.
Graining machine. H. W. Mackey. 2,382,324; Aug. 14.
Granular materials, Washing of. F. Trostler, V. Water, W. R. Skelton, and L. O. Henschel. 2,380,881; July 31.
Granulated material, Colored. C. L. Jewett. 2,379,358; June 26.
Granulating and cutting machine. F. M. Roddy. 2,381,775; Aug. 7.
Granulating apparatus. N. A. Harrison. 2,366,619; Jan. 2.
Grapple. D. H. Mitchell. 2,378,570; June 19.
Grapple. O. Monaco. 2,370,411; Feb. 27.
Grapple. H. V. Pertuit. 2,387,408; Oct. 23.
Grapple. R. J. Williams. 2,367,252; Jan. 16.
Grapple to raise sunken ships or the like. L. D. Richard. 2,374,134; Apr. 17.
Grass catching apparatus. H. H. Packwood. 2,390,321; Dec. 4.
Grass composition for producing a potable brew. W. R. Graham, Jr., and E. E. Frye. 2,376,049; May 15.
Grass drying apparatus. J. E. Newman. 2,381,076; Aug. 7.
Grate. R. L. Beers. 2,384,433; Sept. 11.
Grate bar. W. C. Dilg. 2,372,260; Mar. 27.
Grate construction, Shaker. C. V. Carroll. 2,377,209; May 29.
Grate, Emergency. R. C. Cross. 2,380,630; July 31.
Grate, Fire. W. L. Sharpe. 2,391,518; Dec. 25.
Grate, Furnace. G. A. Kohout. 2,380,452; July 31.
Grate mechanism for automatic stokers. F. O. Wallene. 2,370,274; Feb. 27.
Grate, Protecting. C. R. Davison. 2,370,343; Feb. 27.
Grate structure, Furnace. J. F. Masters. 2,366,924; Jan. 9.
Grate-supporting structure. C. A. Sleicher. 2,381,781; Aug. 7.
Grater, Potato. N. E. Kirkland. 2,376,603; May 22.
Grating. B. A. Prince. 2,377,648; June 5.
Grating. E. L. Tarof. 2,390,194; Dec. 4.
Grating machine. D. P. Moore. 2,376,376; May 22.
Grating structures, Treatment of. H. S. Nagin. 2,382,898; Aug. 14.
Grating, Welded. W. C. Heath. 2,384,303; Sept. 4.
Grave marker. G. K. Guenther. 2,383,787; Aug. 28.
Grave set. R. Y. Wolfe. 2,376,107; May 15.
Gravel grading device. J. B. Christman, Jr. 2,370,717; Mar. 6.
Gravimeter null indicator. P. H. James. 2,367,126; Jan. 9.
Gravity actuated switch. L. L. Rice. 2,383,889; Aug. 28.
Gravity-fed coal furnace. H. C. Edwards. 2,374,808; May 1.
Gravity meter. R. C. Sweet. 2,383,997; Sept. 4.
Gravity separator. M. E. Haworth. 2,374,865; May 1.
Gravity testing device, Specific. I. R. Wilbar. 2,367,080; Jan. 9.
Grease. F. E. Woodward and J. W. Arkis. 2,369,705; Feb. 20.
Grease, Barium calcium magnesium stearate. F. A. Leyda. 2,389,523; Nov. 20.
Grease composition. J. C. Zimmer and A. J. Morway. 2,378,818; June 19.
Grease composition, Lubricating. J. C. Zimmer and A. J. Morway. 2,374,966; May 1.
Grease composition, Lubricating. J. C. Zimmer and A. J. Morway. 2,380,893; July 31.
Grease manufacturing apparatus. H. G. Smith. 2,367,149; Jan. 9.
Greaseproof composition. W. E. Hatch and J. H. Rollins. 2,367,678; Jan. 23.
Greaseproof folding box. D. Levkoff. 2,368,553; Jan. 30.
Grease, Protective. J. D. Morgan and R. E. Lowe. 2,383,148; Aug. 21.
Grease seal, Floating. J. B. Sperry. 2,379,547; July 3.
Grease trap. C. Arndt. 2,383,436; Aug. 28.
Greases and apparatus therefor, Preparation of lubricating. A. Beerbower and J. C. Zimmer. 2,374,913; May 1.
Greases, Constant viscosity. J. D. Morgan. 2,376,312; May 15.
Greases from grease bases, Manufacture of. W. H. Shields. 2,381,314; Aug. 7.
Greases, Lithium base. J. D. Morgan. 2,390,450; Dec. 4.
Greases, Low temperature. J. D. Morgan. 2,383,147; Aug. 21.
Greases, Lubricating. J. D. Morgan and R. E. Lowe. 2,375,485; May 8.
Greenhouse construction. M. P. Anderson. 2,384,719; Sept. 11.
Grenade. C. F. Shaffer. 2,378,735; June 19.
Grenade. J. D. Steel. 2,372,689; Apr. 3.
Grenade body, Hand. J. J. Blum. 2,385,398; Sept. 25.
Grenade, Hand. J. B. Campbell. 2,377,207; May 29.
Grenade launcher. P. B. Rutherford and D. R. Luster. 2,390,738; Dec. 11.
Grenade releasing apparatus. J. D. Steel. 2,379,383; June 26.
Grenade thrower. C. Bustamante. 2,382,540; Aug. 14.
Grenade thrower. B. Walker. 2,367,249; Jan. 16.
Grid. C. M. Rively. 2,367,615; Jan. 16.
Grid, Electric resistance. L. Satchwell. 2,386,065; Oct. 2.
Grid for ice trays. R. L. Hallock. 2,378,845; June 19.
Grid pasting machine. A. D. Lund. 2,375,424; May 8.
Grid, Plastic ice tray. T. W. Rundell. 2,386,979; Oct. 16.
Grid structure for ice trays. L. J. Amore. 2,388,378; Nov. 6.
Grid trimmer. H. C. Winkel. 2,375,717; May 8.
Grids for electron discharge devices, Producing. J. W. Ekstedt and A. F. Pityo. 2,379,135; June 26.
Griddle construction. E. A. Jones. 2,370,863; Mar. 6.
Grill. A. L. Greenlaw. 2,381,345; Aug. 7.
Grill, Cooking. E. W. Perry. 2,384,847; Sept. 18.
Grill, Cooking. E. H. Trick. 2,372,751; Apr. 3.
Grinder. O. J. Feight. 2,379,957; July 10.
Grinder. A. Michailoff. 2,388,172; Oct. 30.
Grinder. E. C. Styberg. 2,367,069; Jan. 9.
Grinder. C. A. Wiken. 2,374,716; May 1.
Grinder and tool dresser, Combination. C. S. Rose. 2,389,871; Nov. 27.
Grinder, Centerless. H. Koplin, A. R. Slate, and D. A. Haunost. 2,375,306; May 8.
Grinder machine, Rotor. L. Ilmer. 2,385,445; Sept. 25.
Grinder, Piston ring. R. F. Flora. 2,385,979; Oct. 2.
Grinder, Plow disk. H. A. Moore. 2,386,563; Oct. 9.
Grinder, Rail. A. D. McWhorter. 2,369,836; Feb. 20.
Grinder, Single rail. H. H. Talboys and H. E. Erickson. 2,378,512; June 19.
Grinder, Surface and contour. A. Pizzigoni. 2,375,323; May 8.
Grinder, Thread. A. F. Markus. 2,388,064; Oct. 30.
Grinder, Valve. W. E. White. 2,371,938; Mar. 20.
Grinder, Valve. J. A. Williams, Sr. 2,373,522; Apr. 10.
Grinding. A. N. Emmons. 2,367,107; Jan. 9.
Grinding and condiment admixing machine, Meat. J. T. Brubaker. 2,377,069; May 29.
Grinding and etching, Crystal. H. F. Fruth. 2,387,142; Oct. 16.
Grinding and lapping machine. E. J. Bullard. 2,391,388; Dec. 25.
Grinding and polishing booth, Magnesium castings. E. F. Fisher. 2,384,991; Sept. 18.
Grinding apparatus. R. V. Hanchett. 2,371,582; Mar. 13.
Grinding attachment for lathes. R. A. Schramm. 2,380,335; July 10.
Grinding, cutting or boring machine. H. Frauenthal and H. M. Lochrane. 2,374,928; May 1.
Grinding device. L. M. Holtz. 2,384,917; Sept. 18.
Grinding, Face. H. P. Troendly and F. Bares. 2,375,333; May 8.
Grinding fixture for cutters. A. Ringzelli. 2,379,594; July 3.
Grinding, lapping, or polishing machine for diamonds or other crystal and the like. F. C. Jearum. 2,374,751; May 1.
Grinding machine. W. G. Baldenhofer. 2,378,903; June 26.

Grinding machine. G. W. Binns and F. J. Theler. 2,377,921; June 12.
Grinding machine. W. J. Bryant. 2,378,127; June 12.
Grinding machine. W. M. Bura. 2,375,619–20; May 8.
Grinding machine. W. M. Bura. 2,381,034; Aug. 7.
Grinding machine. R. H. Cramer. 2,379,281; June 26.
Grinding machine. R. H. Cramer. 2,386,382; Oct. 9.
Grubbing machine. R. O. Couch. 2,379,280; June 26.
Grinding machine. J. Decker and H. Ernst. 2,367,758; Jan. 23.
Grinding machine. J. Decker and B. A. Kearns. 2,376,236; May 15.
Grinding machine. J. Decker and A. D. C. Stuckey. 2,367,759; Jan. 23.
Grinding machine. J. Decker and A. D. C. Stuckey. 2,376,237; May 15.
Grinding machine. R. E. Flanders. 2,371,685; Mar. 20.
Grinding machine. C. G. Flygare. 2,381,123; Aug. 7.
Grinding machine. C. G. Flygare and F. A. Helstrom. 2,366,506; Jan. 2.
Grinding machine. O. E. Gaudreau and H. Michelsen. 2,386,850; Oct. 16.
Grinding machine. P. H. Hutchinson. 2,380,761; July 31.
Grinding machine. F. C. Jearum. 2,386,687; Oct 9.
Grinding machine. A. B. MacNeill. 2,386,742; Oct. 9.
Grinding machine. L. E. Mehlhope and E. D. Vancil. 2,368,315; Jan. 30.
Grinding machine. W. W. Perkins and E. A. Salem. 2,373,336; Apr. 10.
Grinding machine. L. B. and R. H. Portman and F. J. Acton. 2,370,813; Mar. 6.
Grinding machine. E. Schottland. 2,371,552; Mar. 13.
Grinding machine. W. A. Shanley. 2,372,341; Mar. 27.
Grinding machine. W. G. Wessman. 2,389,224; Nov. 20.
Grinding machine. C. R. Williams. 2,375,604; May 8.
Grinding machine. S. E. Woodbury. 2,370,701; Mar. 6.
Grinding machine. S. E. Woodbury. 2,390,978; Dec. 11.
Grinding machine and grinding. F. J. Theler, G. W. Binns, and J. Decker. 2,377,982; June 12.
Grinding machine control. M. De Young. 2,378,066; June 12.
Grinding machine, Generative. E. W. Miller. 2,388,173; Oct. 30.
Grinding machine, Surface. H. A. Silven. 2,387,044; Oct. 16.
Grinding machine, Thread. G. Brinkmann. 2,389,590; Nov. 27.
Grinding machine, Thread. F. Turrettini. 2,380,883; July 31.
Grinding machine, Tool. J. F. Pagendarm. 2,387,463; Oct. 23.
Grinding machine, Tool. K. Zwick. 2,368,342; Jan. 30.
Grinding material. F. Swanson and E. I. Erikson. 2,390,967; Dec. 11.
Grinding mechanism, Releasably interlocked. N. Obedin. 2,375,680; May 8.
Grinding method and apparatus. H. F. Fruth. 2,387,138; Oct. 16.
Grinding mill. J. R. Hall. 2,389,505; Nov. 20.
Grinding mill. M. M. Spanel. 2,389,242; Nov. 20.
Grinding mills, Feeding material to. H. Hardinge. 2,381,351; Aug. 7.
Grinding or abrading machine. H. Moreland. 2,391,733; Dec. 25.
Grinding or polishing machine and contact roller therefor. A. H. Losey. 2,378,643; June 19.
Grinding or polishing machine. Automatic turret. G. A. Carlson. 2,377,992; June 12.
Grinding piezoelectric crystals, Method and apparatus for finish. H. F. Fruth. 2,387,140; Oct. 16.
Grinding small objects. H. F. Fruth. 2,387,135; Oct. 16.
Grinding small objects, Method and apparatus for edge. H. F. Fruth. 2,387,136; Oct. 16.
Grinding surfaces for charge containers, Making. H. H. Wolff. 2,381,413; Aug. 7.
Grinding wheel dressing. J. H. Findlater. 2,367,857; Jan. 23.
Grinding wheel mounting. R. H. Lombard. 2,388,697; Nov. 13.
Grip, Firing. J. M. Colby. 2,383,471; Aug. 28.
Grip, Ground. C. L. Ellis. 2,390,929; Dec. 11.
Grip hanger. J. Halpert and E. Lambert. 2,385,076; Sept. 18.
Grip selectors for bowlers. S. M. Bloomberg. 2,377,067; May 29.
Gripper mechanism, Printing press. C. A. Harless. 2,378,478; June 19.
Gripper mechanism, Printing press. E. W. Worthington. 2,378,523; June 19.
Gripper. Pipe and tubing. G. L. Werling. 2,378,454; June 19.
Gripping device. F. J. Beech. 2,389,756; Nov. 27.
Gripping or cutting tool. S. A. Drmic. 2,384,822; Sept. 18.
Gripping tool. J. B. Zimdars. 2,390,570; Dec. 11.
Grizzly and screen for grading materials. W. Ross. 2,367,964; Jan. 23.
Grommet. Shell. W. J. Friderici. 2,391,403; Dec. 25.
Groove centering device, Connector ring. F. R. Harris. 2,378,550; June 19.
Ground gripping for gun mounts. J. M. J. Riboud. 2,379,991; July 10.
Ground signal projector. C. W. Gilligan. 2,369,142; Feb. 13.
Ground station for air pickups. S. C. Plummer. 2,367,607; Jan. 16.
Ground working device. R. A. Norton. 2,373,080; Apr. 3.
Group-call telephone system. G. Kiner. 2,374,357; Apr. 24.
Guanamines, Hydroxy-substituted aryl. J. T. Thurston. 2,386,517; Oct. 9.
Guanamines in textile finishing. J. T. Thurston. 2,385,766; Sept. 25.
Guanidine pentachlorphenate. V. Migrdichian. 2,377,167; May 29.
Guard: *See*—
Saw guard.
Guard, Adjustable window. J. F. Smith. 2,391,201; Dec. 18.
Guard and drill bit holding jaw guard combined, Chuck sleeve gear. G. I. Henson. 2,376,432; May 22.
Guard, Baby's bed. M. N. Redman. 2,371,844; Mar. 20.
Guard, Bearing. J. S. Caruthers. 2,383,531; Aug. 28.
Guard construction, Gravel. F. S. King. 2,367,824; Jan. 23.
Guard, Dust. D. D. Bryant. 2,391,121; Dec. 18.
Guard, Eye. G. F. Smyth. 2,378,508; June 19.
Guard, Finger. J. B. Chisnell. 2,379,624; July 3.
Guard for combing machines for combing textile fibers. D. Pierrepont. 2,373,411; Apr. 10.
Guard for emery wheels and the like. A. and A. J. Flohr. 2,374,988; May 1.
Guard for emery wheels and the like. A. and A. J. Flohr. 2,384,243; Sept. 4.
Guard for eyeglasses, Nose. M. D'Orsay. 2,390,523; Dec. 11.
Guard for interrupted cylinders, Safety. W. J. Pirle. 2,366,930; Jan. 9.
Guard for journal boxes, Dust. C. M. Hannaford. 2,372,720; Apr. 3.
Guard for rimless eyeglasses, Adjustable and removable. W. Brown. 2,369,527; Feb. 13.
Guard for watches, Perspiration. M. Bloth. 2,367,091; Jan. 9.
Guard for winding machines. C. F. Fitzgerald. 2,370,785; Mar. 6.
Guard for window or door openings. W. B. Rood. 2,369,493; Feb. 13.
Guard, Lamp. N. R. Schwartz. 2,376,316; May 15.
Guard, Open window. E. L. Hoffmann. 2,387,025; Oct. 16.
Guard or baffle for fuel tanks. C. B. Breedlove. 2,372,545; Mar. 27.
Guard, Pants. G. C. Moore, Sr. 2,384,255; Sept. 4.
Guard plate, Safety razor. W. F. Sonnenfeld. 2,379,386; June 26.
Guard, Press. J. B. Magin. 2,382,494; Aug. 14.
Guard, Punch press. R. R. Hodges. 2,382,316; Aug. 14.
Guardrail clamp. H. R. Akers. 2,385,248; Sept. 18.
Guard, Rodent. J. F. Bowman. 2,381,569; Aug. 7.
Guard, Stud bolt. W. E. Rogers. 2,368,570; Jan. 30.
Guard, Tool. D. F. Jorgensen. 2,367,945; Jan. 23.
Guide: *See*—
Drawer guide.
Guide and safety latch, Card. J. A. Dell. 2,377,407; June 5.
Guide and support, Sash. O. H. Courson. 2,375,974; May 15.
Guide attachment for paper feed trays, Adjustable step. C. M. Chatterton. 2,378,185; June 12.
Guide, Aviation control. R. W. Brown. 2,381,391; Aug. 7.
Guide, Blind. O. E. Edstrom. 2,379,426; July 3.
Guide, Cable. W. A. Pollack. 2,385,939; Oct. 2.
Guide, Cone winder. W. T. Stearn. 2,390,669; Dec. 11.
Guide, Drawer. C. A. Lindberg and R. W. Skinner. 2,373,696; Apr. 17.
Guide, Drill. C. L. Beard. 2,383,953; Sept. 4.
Guide, Drill. H. M. Kennard. 2,382,639; Aug. 14.
Guide, Filamentary. L. K. Spangler. 2,369,809; Feb. 20.
Guide for applying insulation to conductors. B. J. Barmack. 2,372,645; Apr. 3.
Guide for cable tool drills, Tool. G. R. Watson. 2,386,281; Oct. 9.
Guide for drill steels. R. D. Zimmerman. 2,368,511; Jan. 30.
Guide for glass and the like fibers. D. Kleist. 2,373,078; Apr. 3.
Guide for sewing machines, Automatically adjustable edge. W. Kneissler. 2,370,547; Feb. 27.
Guide for template drilling, Drill. J. Basta. 2,370,770; Mar. 6.
Guide for the transmission of electric waves. J. C. Quayle. 2,374,498; Apr. 24.
Guide for the transmission of electric waves. J. C. Quayle. 2,381,367; Aug. 7.
Guide, Matrix. G. J. Koch and R. P. Leavitt. 2,384,626; Sept. 11.
Guide, Picker stick. E. C. Nichols. 2,379,589; July 3.
Guide, Rod. W. J. Heard. 2,389,906; Nov. 27.
Guide, Saw filing. I. L. Church. 2,376,031; May 15.
Guide-separator, Filing cabinet. I. R. Cornish. 2,368,349; Jan. 30.
Guide signaling, Dielectric. W. W. Hansen and R. H. Varian. 2,375,223; May 8.
Guide thread. F. A. Decker, Jr. 2,388,239; Nov. 6.

Guide, Tow. S. C. Nelson. 2,377,173; May 29.
Guide, Typewriter ribbon. N. Cordis. 2,386,439; Oct. 9.
Guide, Winch cable. W. L. Stover. 2,380,801; July 31.
Guide, Window. J. H. Roethel. 2,379,923–7; July 10.
Guiding means for grinding drills. A. C. Moorefield. 2,387,459; Oct. 23.
Guiding mechanism, Overhead door. C. Buehner. 2,375,837; May 15.
Gum for paints and varnishes, Synthetic. H. L. Gerhart and L. M. Adams. 2,390,530; Dec. 11.
Gum package. W. B. Ranney. 2,380,367; July 10.
Gum solutions, Treating. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,380,115; July 10.
Gums, Dispersion of. B. F. Buchanan. 2,276,656; May 22.
Gun. S. Brand. 2,379,784; July 3.
Gun. J. M. Grigg. 2,372,568; Mar. 27.
Gun. G. S. McArthur. 2,391,636; Dec. 25.
Gun. O. O. Sunderland. 2,387,691; Oct. 23.
Gun. A. Vang. 2,387,199; Oct. 16.
Gun. F. W. Woodhull. 2,371,012; Mar. 6.
Gun adapter, Hand grenade. H. J. Fanger. 2,368,064; Jan. 23.
Gun aligning device. W. S. Spigelsky. 2,381,010; Aug. 7.
Gun and operating mechanism therefor, Calking. F. C. Good. 2,367,346–7; Jan. 16.
Gun and projectile therefor, Long range. W. P. Hunsdorf. 2,386,686; Oct. 9.
Gun assembly. R. L. McMullen. 2,380,773; July 31.
Gun, Automatic. D. S. Bell and O. R. Wikander. 2,370,835; Mar. 6.
Gun, Automatic. M. M. Johnson, Jr. 2,383,487; Aug. 28.
Gun battery. J. C. Trotter. 2,371,324; Mar. 13.
Gun, Blast. W. L. Keefer. 2,369,576; Feb. 13.
Gun, Blow. N. Koehn. 2,369,356; Feb. 13.
Gun carriage. W. Rossmanith. 2,376,849; May 22.
Gun carrier. H. D. Stevens. 2,367,837; Jan. 23.
Gun charger. A. C. Wall. 2,389,943; Nov. 27.
Gun cocking device. C. E. Johnson and C. R. Elliott. 2,386,801; Oct. 16.
Gun control apparatus. G. E. Barnhart. 2,373,990; Apr. 17.
Gun emplacement, Lateral aircraft. W. W. Eaton. 2,377,073; May 29.
Gun emplacement, Mobile. C. L. Hervey. 2,389,623; Nov. 27.
Gun, Experimental. L. R. Jackson. 2,377,425; June 5.
Gun feed mechanism. R. J. Reek. 2,379,185; June 26.
Gun firing interrupter. N. F. Walle, Sr., H. M. Maynard and L. A. Kepler. 2,378,670; June 19.
Gun firing means. P. W. Martin. 2,370,909; Mar. 6.
Gun, Gas. A. T. Escobar. 2,384,733; Sept. 11.
Gun, Grease. S. F. Czerner. 2,388,391; Nov. 6.
Gun, Machine. W. B. Ruger. 2,388,291; Nov. 6.
Gun mechanism. O. Horsrud. 2,376,358; May 22.
Gun mechanism. H. Schirokauer. 2,378,331; June 12.
Gun mount. J. M. Colby. 2,370,148; Feb. 27.
Gun mount, Electrically actuated. S. E. McFarland. 2,377,091; May 29.
Gun mount, Quick detachable. C. G. Trimbach and P. M. Birk. 2,378,260; June 12.
Gun mounting. L. Motley. 2,366,642; Jan. 2.
Gun mounting system for turrets. J. A. Vaughan. 2,378,050; June 12.
Gun mounting with periscopic articulated gun sight. W. B. Klemperer and G. Tharratt. 2,366,410; Jan. 2.
Gun of the wire feed type, Metal spray. A. P. Shepard and H. S. Ingham. 2,381,931; Aug. 14.
Gun perforator. M. Schlumberger. 2,381,081; Aug. 7.
Gun port mounting. A. H. Heineman. 2,379,710; July 3.
Gun, Portable grease. H. N. Durham and P. M. Carter. 2,366,845; Jan. 9.
Gun, Rapid-fire. S. L. Hansen. 2,374,816; May 1.
Gun, Rocket. E. F. Chandler. 2,380,024; July 10.
Gun, Rotary jet. E. N. Washburn. 2,382,685; Aug. 14.
Gun sight. W. J. A. Bailey. 2,374,722; May 1.
Gun sight. W. J. A. Bailey and C. E. Whiteman. 2,386,420; Oct. 9.
Gun sight. C. C. Loomis. 2,377,704; June 5.
Gun sight. E. G. Reising. 2,389,326; Nov. 20.
Gun sight. H Trask. 2,373,984; Apr. 17.
Gun sight mounting. D. J. Crawford. 2,390,516; Dec. 11.
Gun sight, Offset. H. O. Eiane. 2,367,342; Jan. 16.
Gun sight, Optical. C. J. Harasta. 2,382,631; Aug. 14.
Gun sighting device. C. C. Bell and W. V. Goodhue. 2,390,980; Dec. 18.
Gun silencer. R. B. Bourne. 2,375,617; May 8.
Gun, Spray. V. R. Gersmehl. 2,368,536; Jan. 30.
Gun, Spray. H. A. Roselund. 2,371,546; Mar. 13.
Gun stabilizing apparatus. L. B. Lynn. 2,381,161; Aug. 7.
Gunstock forming machine. D. B. and D. N. Salstrom. 2,382,102; Aug. 14.
Gun, Stream-or-spray. A. J. Kunz. 2,369,357; Feb. 13.
Gun, Trap. V. L. Wintersteen. 2,377,658; June 5.
Gun turret. R. B. Lord. 2,373,127; Apr. 10.
Gun turret. G. W. Pontius, III, and R. J. Reek. 2,389,997; Nov. 27.
Gun turret. P. B. Scott, A. G. Rose, and S. Curtis. 2,370,585; Feb. 27.
Gun with convertible nozzle, Flushing. C. A. Kiggins. 2,366,969; Jan. 9.
Gunnery. F. G. Gunn and E. Hague. 2,373,024; Apr. 3.
Gunnery practice device. T. O. R. Dahlberg and K. M. Vigborg. 2,382,777; Aug. 14.
Guns and correcting gun-sights, Method of and apparatus for testing. LeR. B. Fraser and E. D. Lambert. 2,378,545; June 19.
Gutter hanger. M. Feider. 2,389,494; Nov. 20.
Guy line equipment for tents. O. E. Mahaffey. 2,385,716; Sept. 25.
Gymnastic apparatus for mobilizing stiff joints. G. R. Zander. 2,387,966; Oct. 30.
Gynecologic instrument. M. Salvin. 2,376,193; May 15.
Gypsum casts, Preparing. L. A. Paley. 2,366,673; Jan. 2.
Gyratory and other motions to flexible tubular members, Imparting. B. Forman. 2,381,213; Aug. 7.
Gyro caging device. S. Gabrielson. 2,366,721; Jan. 9.
Head motion for reciprocating conveying motions. G. A. Overstrom. 2,366,980; Jan. 9.
Gyro caging device. P. A. Noxon. 2,369,845; Feb. 20.
Gyro, Directional. B. C. Carlson. 2,378,829; June 19.
Gyro caging mechanism. A. M. MacCallum and P. A. Noxon. 2,383,663; Aug. 28.
Gyro erecting mechanism. V. R. Kimball. 2,370,904; Mar. 6.
Gyro instrument. S. Kellogg, 2nd. 2,384,838; Sept. 18.
Gyro magnetic compass controlling means. F. D. Braddon. 2,375,764; May 15.
Gyroscope. C. R. Hanna, S. J. Mikina, and L. B. Lynn. 2,389,775; Nov. 27.
Gyroscope. H. E. Whatley. 2,368,058; Jan. 23.
Gyroscope, Bottom heavy. F. W. Meredith. 2,380,538; July 31.
Gyroscopes, Controlling means for. W. H. Newell. 2,383,409; Aug. 21.
Gyroscopic angular velocity indicator. L. N. Schwien. 2,380,079; July 10.
Gyroscopic apparatus. R. J. White. 2,386,176; Oct. 9.
Gyroscopic instrument. F. D. Braddon. 2,385,342; Sept. 25.
Gyroscopic instrument. H. Künzer. 2,367,465; Jan. 16.
Gyroscopic instrument and indicator therefor. P. G. Holt. 2,368,221; Jan. 30.
Gyroscopic navigational instrument. F. W. Meredith. 2,366,543; Jan. 2.
Gyro-vertical. T. O. Mehan. 2,378,858; June 19.
Gyro-vertical. T. O. Mehan. 2,384,761; Sept. 11.
HCN and catalyst therefor, Synthesis of. H. D. Green. 2,381,344; Aug. 7.
Hair curler. W. S. Dickerson. 2,380,154; July 10.
Hair curler. B. Rubin. 2,376,385; May 22.
Hair curler clip. H. H. McDonald. 2,375,935; May 15.
Hair, Curling. V. R. Pileggi. 2,377,808; June 5.
Hair curling apparatus. R. Klein. 2,374,291; Apr. 24.
Hair curling device. N. G. Morton. 2,383,612; Aug. 28.
Hair net. S. Loewensohn. 2,372,330; Mar. 27.
Hairpin. C. O. Bergstrom. 2,388,381; Nov. 6.
Hair spring container. C. O. Dorau. 2,375,088; May 1.
Hairspring mounting. W. O. Bennett, Jr., and E. W. Drescher. 2,379,780; July 3.
Hair treatment. J. B. Calva. 2,390,073; Dec. 4.
Hair waving appliance. A. La Torraca. 2,374,943; May 1.
Hair waving device. V. S. Graham. 2,377,877; June 12.
Half cell with thermal barrier. J. B. Godshalk. 2,387,727; Oct. 30.
Halide and making it, Monocyclic monoolefine cuprous. L. C. Morris. 2,386,256; Oct. 9.
Halide from halogenated hydrocarbons, Splitting-off of hydrogen. M. Mugdan and D. H. R. Barton. 2,378,859; June 19.
Halide reaction and product, Dioxolane-acid. W. F. Gresham. 2,377,878; June 12.
Halide recovery, Hydrogen. T. W. Evans, H. D. V. Finch and G. W. Hearne. 2,374,476; Apr. 24.
Halides, Controlled oxidation of unsaturated. H. de V. Finch and S. A. Ballard. 2,373,240; Apr. 10.
Halides, Converting organic. D. R. Blumer. 2,389,231; Nov. 20.
Halides, Organosilicon. M. M. Sprung and W. F. Gilliam. 2,380,998; Aug. 7.
Halides, Preparation of alicyclic-alkyl. R. P. Perkins. 2,377,714; June 5.
Halides, Preparation of organosilicon. E. G. Rochow. 2,380,995; Aug. 7.
Halides, Preparation of organo-silicon. E. G. Rochow and W. I. Patnode. 2,380,996; Aug. 7.
Halides, Preparation of organosilicon. M. M. Sprung and W. F. Gilliam. 2,380,999; Aug. 7.
Halides, Production of. R. W. Grimble. 2,385,505; Sept. 25.
Halides, Recovery of boron. W. N. Axe. 2,377,396; June 5.
Halides, Recovery of copper. J. L. Amos. 2,384,361; Sept. 4.
Halobutenes, Stabilization of. R. C. Morris and E. C. Shokal. 2,376,075; May 15.
Halocetyl halides, Making. C. W. Theobald. 2,378,048; June 12.
Halogen-containing compounds, Manufacture of unsaturated. O. W. Cass. 2,379,414; July 3.
Halogen substituted acylamino sulphonic acids of the aromatic series and their manufacture. H. Martin, H. H. Zaeslin, R. Hirt, C. Glatthaar, and A. Staub. 2,376,930; May 29.
Halogenated composition. F. M. Clark. 2,375,624; May 8.

Halogenated compounds, Manufacture of unsaturated. O. W. Cass. 2,374,923; May 1.
Halogenated organosilicon compounds. W. I. Patnode and R. W. Schiessler. 2,381,000; Aug. 7.
Halogenation. W. Y. Agnew and S. S. Cole. 2,378,675; June 19.
Halogenation. C. N. Zellner. 2,370,342; Feb. 27.
Halogeno-ketones. W. R. Boon. 2,370,392; Feb. 27.
Halosteroids and preparation of the same. R. E. Marker and H. M. Crooks, Jr. 2,369,065; Feb. 6.
Hammer: *See*—
Electric hammer.
Hammer. G. W. Maxey. 2,369,790; Feb. 20.
Hammer for hammer mills, Double. J. G. Bryant, Jr. 2,384,531; Sept. 11.
Hammer, Magazine. E. Krantz. 2,375,419; May 8.
Hammer, Mechanical. C. H. Gubbins. 2,385,439; Sept. 25.
Hammer mill. H. M. Johnston. 2,376,361; May 22.
Hammer mill. H. E. Korum. 2,379,360; June 26.
Hammermill for stock feed. G. D. Arnold. 2,367,179; Jan. 16.
Hammer, Peening. S. Kotowicz. 2,390,795; Dec. 11.
Hammer, Utility. E. N. Kindland. 2,377,157; May 29.
Hammock. H. R. Dillon. 2,378,202; June 12.
Hammock. C. H. Kearny. 2,375,792; May 15.
Hammock support. E. W. Anderegg. 2,382,528; Aug. 14.
Hams and preparation thereof. E. C. Oswald and R. G. Lewis. 2,391,338; Dec. 18.
Hand and means for actuating the same, Artificial. F. V. Eberle. 2,382,403–4; Aug. 14.
Handbag. A. M. Broudy. 2,369,943; Feb. 20.
Handbag. C. R. Morris. 2,369,482; Feb. 13.
Handbag and the like, Lady's. H. S. Forst. 2,374,856; May 1.
Handbag, Decorated. C. Wolf. 2,390,021; Nov. 27.
Handbag frame strip for attaching bag material to bag frames. G. S. Merk. 2,390,315; Dec. 4.
Handbag, Lady's reversible. G. H. Khoury. 2,369,239; Feb. 13.
Handbag material, Decorative. J. W. Thomas. 2,377,656; June 5.
Hand brake. R. J. Olander. 2,381,135; Aug. 7.
Handcuff. F. G. Kelley. 2,390,885; Dec. 11.
Handcuff. A. Ruttiman. 2,388,766; Nov. 13.
Hand grip control switch. T. Obszarny. 2,390,846; Dec. 11.
Hand-gripping tool. L. D. Clark. 2,382,606; Aug. 14.
Handguard. P. J. Diffley. 2,390,522; Dec. 11.
Handhole closure. C. F. Kramer and H. F. Cromwell. 2,383,200; Aug. 21.
Hand loom. D. W. Greenwood. 2,380,233; July 10.
Hand operated tank lubricator. C. E. Fitch. 2,390,831; Dec. 11.
Hand-operated tube cutter. E. C. Hartley. 2,366,257; Jan. 2.
Hand punch press. F. Lago. 2,390,655; Dec. 11.
Handrail drive, Moving stairway. G. W. Lautrup and D. C. Larson. 2,373,764; Apr. 17.
Hand tool. R. Monnier. 2,387,928; Oct. 30.
Hand tool. C. A. Pate. 2,376,978; May 29.
Hand tooling device for using sized gold and other decorative leaf. A. Sternberg. 2,366,293; Jan. 2.
Handtruck. J. C. Broome. 2,367,752; Jan. 23.
Hand truck. P. H. Davies. 2,374,982; May 1.
Handwheel for lawn hose couplings. S. I. Iverson. 2,381,498; Aug. 7.
Handwheel, Pressed metal. W. B. Holden. 2,367,679; Jan. 23.
Handkerchief holder. R. Maschoff. 2,379,092; June 26.
Handle: *See*—
Container handle.
Control handle.
Faucet handle.
Foldable stretcher handle.
Glass coffee maker adjustable handle.
Locking sectional handle.
Truckman's handle.
Utensil handle.
Vehicle door lock handle.
Handle. P. W. Jester. 2,372,954; Apr. 3.
Handle. T. Lamb. 2,390,544; Dec. 11.
Handle attaching machine, Bag. M. Katz. 2,379,087; June 26.
Handle-bar switch. F. P. Upton. 2,389,013; Nov. 13.
Handle for automatic firearms. G. Ironside. 2,369,052; Feb. 6.
Handle for containers. L. S. Witherspoon. 2,384,718; Sept. 11.
Handle for floor treating machines. R. K. Lewis. 2,370,907; Mar. 6.
Handle for jars. A. H. Natho. 2,372,107; Mar. 20.
Handle for vacuum cleaners, Switch actuating. H. B. Barber. 2,369,519; Feb. 13.
Handle for valves, Position-indicating. F. W. Blanchard. 2,390,866; Dec. 11.
Handle guide. E. Belanger. 2,377,745; June 5.
Handle, Utensil. W. T. Hanke. 2,370,860; Mar. 6.
Handling and pressing means and method. I. F. Laucks, E. H. Merritt, W. D. Lawshe, and T. W. Dike. 2,390,159; Dec. 4.
Handling apparatus, Article. A. E. Drobish. 2,386,545; Oct. 9.
Handling apparatus, Article. A. A. Kottmann. 2,379,911; July 10.
Handling device, Body. H. C. Smith. 2,376,560; May 22.
Handling mechanism for match combs and match comb packets. R. S. Pullen. 2,388,011; Oct. 30.
Handling mechanism, Work. C. L. Eksergian and J. H. Coombes. 2,381,656; Aug. 7.
Handling method, Sheet. A. L. Hess. 2,389,854; Nov. 27.
Hanger: *See*—
All purpose garment hanger.
Boot or shoe hanger.
Brake hanger.
Bucket hanger.
Ceiling hanger.
Clothes hanger.
Coat hanger.
Combined coat and skirt hanger.
Curtain hanger.
Disappearing hanger.
Dress form and hanger.
Garment hanger.
Garment protecting hanger.
Grip hanger.
Gutter hanger.
Liner hanger.
Machine gun hanger
Multiple contact lamp hanger.
Outlet box hanger.
Picture hanger.
Sucker rod hanger.
Trolley wire hanger.
Trouser hanger.
Hanger. A. D. Carpenter and E. R. Shaw. 2,384,158; Sept. 4.
Hanger. C. A. Slater, A. D. Carpenter, and E. R. Shaw. 2,387,951; Oct. 30.
Hanger attachment for ladies' garments. J. B. Potoczky. 2,386,059; Oct. 2.
Hanger device. J. A. Carr. 2,384,440; Sept. 11.
Hanger for bags and like receptacles, Garment. S. Meyer. 2,383,009; Aug. 21.
Hanger for convertible tandem bicycles, Front. D. A. Swanson. 2,385,892; Oct. 2.
Hanger for slender articles. P. C. Richardson. 2,370,876; Mar. 6.
Hanger for wearing apparel. J. A. Deerfsun. 2,383,593; Aug. 28.
Hanger or connector, Release. H. Lombard. 2,368,671; Feb. 6.
Hanging means, Window drape rod. F. X. Ganter. 2,391,150; Dec. 18.
Harbor navigation system. A. Van Dyck. 2,391,079; Dec. 18.
Hardboard, Making thick. A. Elmendorf and M. Lieff. 2,381,269; Aug. 7.
Hardened or tanned protein salts, Aqueous dispersions of. G. H. Brother and A. K. Smith. 2,380,020; July 10.
Hardening and stain prevention process in color photography. P. W. Vittum. 2,367,548; Jan. 16.
Hardness testing apparatus. R. M. Parke and F. P. Bens. 2,375,033; May 1.
Hardness testing device, Brinell. J. O. Bishop and L. L. Babcock. 2,375,341; May 8.
Hardness testing instrument, Portable. R. P. Dewey. 2,372,662; Apr. 3.
Harmonic generator. W. E. Bradley. 2,391,386; Dec. 25.
Harmonica. F. H. Magnus. 2,373,129; Apr. 10.
Harmonica, Chromatic. F. H. Magnus. 2,384,758; Sept. 11.
Harness. E. S. Jefferson. 2,383,552; Aug. 28.
Harness construction, Quick-release. R. E. Dowd. 2,372,557; Mar. 27.
Harness for cross-weaving. G. Hilton. 2,389,258; Nov. 20.
Harness, Loom. J. J. Kaufmann. 2,382,795; Aug. 14.
Harness, Loom. J. J. Kaufmann. 2,386,690; Oct. 9.
Harness mechanism for looms. O. V. Payne. 2,379,742; July 3.
Harness, Ski. D. A. Wallace. 2,381,793; Aug. 7.
Harrow. J. V. Dyrr. 2,380,298; July 10.
Harrow. J. M. Markel. 2,390,954; Dec. 11.
Harrow, Disk. L. W. Field. 2,377,410; June 5.
Harrow, Disk. R. H. Mitchell and T. M. Thomas. 2,385,637; Sept. 25.
Harvester. E. N. Gathercoal. 2,372,821; Apr. 3.
Harvester. B. M. Hyman. 2,379,803; July 3.
Harvester. M. J. Mitchell and L. P. Millard. 2,379,822; July 3.
Harvester. A. W. Oehler. 2,377,805; June 5.
Harvester. W. W. and E. Weeth and M. E. Dollahite. 2,388,454; Nov. 6.
Harvester and thresher, Combined. R. F. and P. A. Crawford. 2,367,755; Jan. 23.
Harvester and topper, Sugar beet. R. L. Bowman. 2,371,422; Mar. 13.
Harvester, Beet. E. L. Wilkins. 2,376,950; May 29.
Harvester construction. B. M. Hyman. 2,379,802; July 3.
Harvester, Corn. H. H. Cook. 2,378,286; June 12.
Harvester, Corn. H. J. Hahn. 2,372,569; Mar. 27.
Harvester, Corn. J. H. Jenson. 2,366,408; Jan. 2.
Harvester, Corn. S. F. Pasturczak. 2,377,807; June 5.
Harvester, Ensilage. I. D. McEachern. Re. 22,697; Nov. 27.
Harvester, Nut. M. E. Phillips. 2,386,881; Oct. 16.
Harvester, Peanut. E. Kraus. 2,372,586; Mar. 27.
Harvester, Peanut. J. T. Thornton. 2,389,567; Nov. 20.
Harvester, Peanut plant. W. T., W. L., and L. C. Brown. 2,390,419; Dec. 4.
Harvester pick-up device. E. G. Melroe. 2,385,829; Oct. 2.
Harvester, Potato. V. J. Denlinger. 2,369,723; Feb. 20.
Harvester reel. H. Q. Herrstrom. 2,387,069; Oct. 16.
Harvester reel mounting. R. B. Hitchcock and A. H. Keller. 2,387,071; Oct. 16.

Harvester thresher. L. P. Millard and S. D. Pool. 2,369,745; Feb. 20.
Harvester-thresher and the like. O. A. Appel. 2,382,965; Aug. 21.
Harvester, Tractor-mounted. B. M. Hyman. 2,371,822; Mar. 20.
Harvester, Vegetable. E. H. Spiegl. 2,368,895; Feb. 6.
Harvesting and packaging machine. H. Moschel and G. B. Hill. 2,379,371; June 26.
Harvesting appliance. A. J. Mansfield. 2,376,440; May 22.
Harvesting combine for potatoes and the like. W. E. Templeton. 2,379,198; June 26.
Harvesting equipment. H. D. Hume. 2,375,848; May 15.
Harvesting machine. E. M. Bell. 2,374,162; Apr. 24.
Harvesting machine. H. R. Scott. 2,380,193; July 10.
Harvesting machine, Cotton. C. R. Berry. 2,387,004; Oct. 16.
Harvesting machine, Peanut. W. B. and E. Oldham. 2,372,847; Apr. 3.
Hasp lock. R. S. Wagner and B. R. Thiele. 2,382,756; Aug. 14.
Hat adjusting means. R. L. Brill and S. Lipton. 2,377,320; June 5.
Hat adjusting means. S. Lipton. 2,383,396; Aug. 21.
Hatbox. H. Marienthal. 2,374,160; Apr. 17.
Hat brim forming block. W. W. Winsen. 2,370,510; Feb. 27.
Hat, Lady's. H. Bentley. 2,370,442; Feb. 27.
Hat packing stay and combination package. J. G. Huye. 2,384,680; Sept. 11.
Hat, Paper. I. Gardner. 2,390,064; Dec. 4.
Hatpin. J. I. Ellerstein. 2,366,244–5; Jan. 2.
Hats, Manufacture of. W. W. Winsen. 2,370,509; Feb. 27.
Hatch, Cargo. J. C. Temple. 2,373,355; Apr. 10.
Hatch cover construction. A. R. Campbell. 2,379,623; July 3.
Hatch structure for refrigerator cars. W. E. Geddes. 2,368,824; Feb. 6.
Hatches and the like, Covering cargo. H. E. Frick. 2,376,245; May 15.
Hauling unit. L. R. Simmons. 2,382,449; Aug. 14.
Hawsepipe. K. Berger. 2,391,290; Dec. 18.
Hay and shock loader. J. R. Barber. 2,373,804; Apr. 17.
Hay handling device. O. F. Fitch. 2,387,434; Oct. 23.
Haystacker and automatic release. J. E. Twidwell. 2,387,198; Oct. 16.
Head covering. R. J. Ernst. 2,372,715; Apr. 3.
Head for bolts of fabric, Unwinding. N. Obedin. 2,375,679; May 8.
Head for hay balers, Feeder. S. D. Sewell. 2,387,535; Oct. 23.
Headgear. I. L. Freedman. 2,374,675; May 1.
Headgear, Protective. W. I. Taylor. 2,381,524; Aug. 7.
Headgear, Safety. F. R. Ludwell. 2,384,183; Sept. 4.
Headlamp, Retractable. F. Humer. 2,369,295; Feb. 13.
Headlight, Antiglare. J. W. Kolb. 2,380,849; July 31.
Headlight circuit. G. E. McGill. 2,377,706; June 5.
Headpiece, Convertible-shawl. R. M. Wolfe. 2,372,040; Mar. 20.
Head protector. S. E. Bouchard. 2,390,352; Dec. 4.
Head protector. D. Cope. 2,367,006; Jan. 9.
Head protector. P. C. O'Brien. 2,391,335; Dec. 18.
Headrest. G. A. Lansden. 2,387,079; Oct. 16.
Head rest for barber's chair. V. A. Burris. 2,370,447; Feb. 27.
Headstock. J. L. Connell. 2,382,608; Aug. 14.
Head, Tapping. S. B. Hellstrom. 2,368,359; Jan. 30.
Head turning machine. L. Musante. 2,374,769; May 1.
Headwear. F. Heineman. 2,386,682; Oct. 9.
Header construction for harvesting machines. S. C. Heth. 2,388,147; Oct. 30.
Header die for use in making screw blanks for double threaded screws. W. A. De Vellier. 2,373,878; Apr. 17.
Header for road vehicles, Rear. J. J. Black. 2,371,497; Mar. 13.
Hearing aid. R. S. Wyckoff. 2,377,739; June 5.
Hearing aid device. F. J. Faltico. 2,390,243; Dec. 4.
Heart ailments, Treating. A. A. Luisada. 2,366,799; Jan. 9.
Heat coil operated thermal switch. R. Hetherington. 2,387,904; Oct. 30.
Heat control apparatus. B. Dempster. 2,370,847; Mar. 6.
Heat control device. L. W. Cook. 2,383,291; Aug. 21.
Heat deflecting means for internal-combustion engines. W. B. Bronander. 2,387,052; Oct. 16.
Heat directing closure, Collapsible. S. T. Howard. 2,381,906; Aug. 14.
Heat exchange and temperature control. A. L. Foster. 2,379,481; July 3.
Heat exchange apparatus. N. C. Artsay. 2,386,188; Oct. 9.
Heat exchange apparatus. J. P. Rathbun and M. A. Nelson. 2,376,505; May 22.
Heat exchange apparatus, Making. J. E. Woods. 2,389,175; Nov. 20.
Heat exchange device. C. B. Dalzell and E. Wyman. 2,383,292; Aug. 21.
Heat exchange device. W. F. Keenan, Jr., and N. C. Artsay. 2,372,675; Apr. 3.
Heat exchange device. P. H. Schoepflin, C. N. Deverall, and R. C. Stutz. 2,379,932; July 10.
Heat exchange device. N. A. Scott, Jr. 2,381,006; Aug. 7.
Heat exchange devices, Making. A. H. Rodeck. 2,372,795; Apr. 3.
Heat exchange in chemical processes. D. L. Campbell and H. Z. Martin. 2,371,381; Mar. 13.
Heat exchange method and apparatus, Distillation. W. T. Hall. 2,379,519; July 3.
Heat exchange system. E. P. Harrison and O. A. Hunt. 2,366,332; Jan. 2.
Heat exchange unit. J. F. Fagan. 2,368,814; Feb. 6.
Heat exchange unit, Multiple. F. M. Young. 2,378,351; June 12.
Heat exchanger. G. E. Clancy. 2,388,721; Nov. 13.
Heat exchanger. A. Y. Gunter. 2,372,079; Mar. 20.
Heat exchanger. A. Y. Gunter. 2,390,436; Dec. 4.
Heat exchanger. J. O. Jackson. 2,391,244; Dec. 18.
Heat exchanger. R. S. Jones, Jr. 2,374,208; Apr. 24.
Heat exchanger. A. P. Livar. 2,373,900; Apr. 17.
Heat exchanger. A. V. Wetherby-Williams. 2,379,671; July 3.
Heat exchanger, Chimney type. F. M. Young and W. V. Astrup. 2,366,376; Jan. 2.
Heat exchanger fin tube. F. T. Elder. 2,386,159; Oct. 2.
Heat exchanger, Hollow fin. S. E. Heymann. 2,385,080; Sept. 18.
Heat exchanger, Outboard marine. R. W. Fernstrum. 2,382,218; Aug. 14.
Heat exchanger, Surface type. A. R. Smith. 2,375,702; May 8.
Heat exchanger, Tubular. E. Villiger. 2,384,714; Sept. 11.
Heat exchangers, Making. L. B. Manning. 2,378,646; June 19.
Heat exchangers, Making. A. V. Wetherby-Williams. 2,380,002; July 10.
Heat from bus bars, Dissipation of. L. L. Bosch. 2,372,155; Mar. 20.
Heat insulating batt. W. C. Magill. 2,370,365; Feb. 27.
Heat-insulating structure, Laminated. W. A. Blume. 2,377,317; June 5.
Heat interchange apparatus, Making. J. V. Caron. 2,391,615; Dec. 25.
Heat marking apparatus. B. W. Freeman and L. G. Freeman, Jr. 2,374,089; Apr. 17.
Heat motor. W. R. Peterson and J. E. La Rocque. 2,391,342; Dec. 18.
Heat motor actuated device. H. E. Malone. 2,373,130; Apr. 10.
Heat-producing compositions. W. C. Gangloff and S. O. Fiedler. 2,371,436; Mar. 13.
Heat regulating means for liquid heating apparatus. E. E. Griffiths. 2,371,516; Mar. 13.
Heat-responsive device. R. D. Conboy. 2,367,639; Jan. 16.
Heat-responsive element. G. D. Bower. 2,384,153; Sept. 4.
Heat stabilization. F. W. Cox. 2,366,492; Jan. 2.
Heat-stabilized high-polymer halogen-containing products. H. Fikentscher and R. Roehm. 2,387,571; Oct. 23.
Heat transfer apparatus. H. J. D. McCollum. 2,374,608; Apr. 24.
Heat transfer composition. R. D. Coghill and R. T. Milner. 2,369,435; Feb. 13.
Heat transfer device. C. E. Meyerhoefer. 2,377,094; May 29.
Heat transfer medium. I. E. Muskat. 2,379,249; June 26.
Heat transfer salts, Treatment of. F. C. Fahnestock. 2,375,760; May 15.
Heat transfer salts, Treatment of. V. A. Kalichevsky, F. E. Ray, and J. W. Payne. 2,375,759; May 15.
Heat-treating apparatus. H. E. Somes. 2,374,243; Apr. 24.
Heat-treating apparatus. H. E. Somes. 2,376,514; May 22.
Heat-treating apparatus. H. E. Somes. 2,376,516; May 22.
Heat-treating apparatus, Progressive. F. S. Denneen and W. C. Dunn. 2,368,809; Feb. 6.
Heat treating dielectric materials, Method of and apparatus for. G. H. Brown. 2,388,824; Nov. 13.
Heat-treating furnace. F. A. Endress. 2,387,129; Oct. 16.
Heat-treating furnace. R. J. Guba. 2,370,954; Mar. 6.
Heat-treating furnace. E. K. Hansen. 2,383,307; Aug. 21.
Heat-treating furnace. A. N. Otis and G. W. Hegel. 2,372,513; Mar. 27.
Heat-treating process and apparatus. T. E. Lloyd. 2,380,056; July 10.
Heat-treating system. J. M. Lee. 2,383,203; Aug. 21.
Heat treatment for steel alloys. R. H. McCarroll and G. Vennerholm. 2,368,418; Jan. 30.
Heat treatment for wire drawing. A. F. Holden. 2,370,959; Mar. 6.
Heat treatment, Method of and apparatus for. E. Romanelli and F. E. Sutter. 2,367,617; Jan. 16.
Heat treatment of hardenable metallic articles. H. E. Somes. 2,388,231; Oct. 30.
Heat-treatment of metals. A. G. E. Robiette and P. F. Hancock. 2,384,261; Sept. 4.
Heat treatment of the insulating coverings of electric wires and cables. G. H. Walton, J. C. Quayle and P. Jones. 2,374,515; Apr. 24.

Heat treatment of the insulating coverings of electric wires and cables. G. H. Walton, J. C. Quayle, and P. Jones. 2,384,982; Sept. 18.
Heated food container. R. L. Steven. 2,373,611; Apr. 10.
Heater: *See*—
Airplane heater.
Automatic electrical water heater.
Automatic magazine feed solid fuel heater.
Automobile heater.
Auxiliary hot air heater.
Bottle heater.
Carburetor intake air heater.
Catalytic heater.
Chemical immersion heater.
Circular unit heater.
Combustion heater.
Convection heater.
Deaerating feed-water heater.
Direct fired unit heater.
Electric furnace water heater.
Electric heater.
Electric hot water heater.
Electric tank heater.
Electric water heater.
Feed water heater.
Fireplace heater.
Fluid heater.
Forced draft heater.
Gas heater.
Helical electric immersion heater.
Hot water heater.
Hot-water storage heater.
Liquid heater.
Magazine feed solid fuel heater.
Oil heater.
Portable electric heater.
Recirculation insulated space heater.
Regenerative gas heater.
Removable tank heater.
Solar heater.
Two-stage water heater.
Vehicle heater.
Water heater.
Heater. G. Anderson. 2,370,116; Feb. 27.
Heater. T. C. Cheasley. 2,371,950; Mar. 20.
Heater. E. Esson. 2,370,644; Mar. 6.
Heater. E. Esson. 2,391,144; Dec. 18.
Heater. F. A. Fahrenwald. 2,367,170; Jan. 9.
Heater. F. O. Hess. 2,386,462; Oct. 9.
Heater. F. O. Hess. 2,386,746; Oct 9.
Heater. F. O. Hess and R. E. B. Wakefield. 2,387,022; Oct. 16.
Heater. H. B. Holthouse. 2,374,203; Apr. 24.
Heater. H. E. Holthouse. 2,384,836; Sept. 18.
Heater. C. M. Kimberlin. 2,367,356; Jan. 16.
Heater. H. J. D. McCollum. 2,366,416; Jan. 2.
Heater. H. J. De N. McCollum. 2,379,018; June 26.
Heater. H. J. De N. McCollum. 2,380,602; July 31.
Heater. H. J. De N. McCollum. 2,390,380; Dec. 4.
Heater. J. Primrose and C. E. McCulloch. 2,380,464; July 31.
Heater. V. N. Tramontini. 2,374,569; Apr. 24.
Heater. J. S. Wallis and J. W. Throckmorton. 2,385,749; Sept. 25.
Heater. M. T. Way and C. P. Wolff. 2,383,924; Aug. 28.
Heater and circulator, Electric. C. MacGregor. 2,385,295; Sept. 18.
Heater and circulator for can and drying machines, Air. P. E. Pearson. 2,391,339; Dec. 18.
Heater and defroster, Car. F. M. Young. 2,368,392; Jan. 30.
Heater and the like, Water. C. P. O'Hagan. 2,374,231; Apr. 24.
Heater arrangement. E. E. Hans. 2,382,712; Aug. 14.
Heater construction. L. N. Walter. 2,391,111; Dec. 18.
Heater control system and thermal retarder therefor, Water. C. M. Osterheld. 2,375,379; May 8.
Heater control system, Electric tank. C. M. Osterheld. 2,387,180; Oct. 16.
Heater control system, Tank. C. M. Osterheld. 2,387,178; Oct. 16.
Heater control system, Water. C. M. Osterheld. 2,375,380; May 8.
Heater control system, Water. C. M. Osterheld. 2,377,441; June 5.
Heater control system, Water. C. M. Osterheld. 2,387,175–7; Oct. 16.
Heater control system, Water. C. M. Osterheld. 2,387,179; Oct. 16.
Heater for canned foods and beverages. W. A. Caldwell 2,384,278; Sept. 4.
Heater for extrusion nozzles. H. H. West. 2,367,451; Jan. 16.
Heater for liquids. A. Hourvitz. 2,373,759; Apr. 17.
Heater for liquids, Instant. L. E. Walther. 2,380,132; July 10.
Heater for steam furnaces, Electric. C. Del Vecchio. 2,366,318; Jan. 2.
Heater unit for air circulating heaters. W. C. Coleman and R. Martin. 2,386,437; Oct. 9.
Heaters for heavy aircraft, Electric. J. D. Morgan and P. B. Levitt. 2,377,027; May 29.
Heaters, Manufacture of electric. E. L. Wiegand. 2,376,840; May 22.
Heating and circulating device. L. C. Huff. 2,379,155; June 26.
Heating and cooling system, Reverse cycle. S. J. Benn. 2,376,859; May 29.
Heating and ventilating apparatus for motor vehicles. H. J. Findley. 2,383,640; Aug. 28.
Heating and ventilating system. H. B. Holthouse. 2,372,897; Apr. 3.
Heating apparatus. T. C. Appleman. 2,389,587; Nov. 27.
Heating apparatus. A. Barnsteiner. 2,387,734; Oct. 30.
Heating apparatus. A. Barnsteiner and E. E. Sutherland. 2,386,776; Oct. 16.
Heating apparatus. G. E. Dake. 2,387,883; Oct. 30.
Heating apparatus. C. J. Davies. 2,390,208; Dec. 4.
Heating apparatus. B. Goerg. 2,386,160; Oct. 2.
Heating apparatus. D. E. Goggin. 2,387,437; Oct. 23.
Heating apparatus. W. A. Griswold. 2,383,188; Aug. 21.
Heating apparatus. D. F. Jones, J. W. Miller and B. D. Figg. 2,378,485; June 19.
Heating apparatus. E. H. Lockwood and L. E. Lown. 2,375,242; May 8.
Heating apparatus. H. J. D. McCollum. 2,374,609; Apr. 24.
Heating apparatus. H. J. De N. McCollum. 2,378,781; June 19.
Heating apparatus. H. J. De N. McCollum. 2,385,096; Sept. 18.
Heating apparatus. M. L. Mueller. 2,376,170; May 15.
Heating apparatus. M. L. Mueller. 2,376,171; May 15.
Heating apparatus. M. L. Mueller. 2,376,172; May 15.
Heating apparatus. M. L. Mueller. 2,376,173; May 15.
Heating apparatus. W. R. Price. 2,391,071; Dec. 18.
Heating apparatus. W. V. Rifle. 2,385,652; Sept. 25.
Heating apparatus. E. F. Rutan. 2,384,262; Sept. 4.
Heating apparatus. E. E. Sutherland. 2,375,047; May 1.
Heating apparatus. C. Volkman. 2,384,510; Sept. 11.
Heating apparatus. K. L. Woodman. 2,389,588; Nov. 27.
Heating apparatus and flux field control thereof, Induction. V. W. Sherman. 2,383,992; Sept. 4.
Heating apparatus, Induction. V. W. Sherman. 2,386,819; Oct. 16.
Heating appliance. A. P. Livar. 2,389,264; Nov. 20.
Heating device. L. A. Burrows. 2,388,901; Nov. 13.
Heating device. D. E. Edgar and D. J. Sullivan. 2,386,095; Oct. 2.
Heating device. B. F. Fullerton. 2,379,348; June 26.
Heating device. C. F. Mendez. 2,379,820; July 3.
Heating device. A. Rickenbacher. 2,371,410; Mar. 13.
Heating, drying, and air conditioning apparatus. E. B. Hough. 2,389,433; Nov. 20.
Heating element. B. F. Wheeler. 2,371,275; Mar. 13.
Heating element and production. A. J. Huck. 2,387,995; Oct. 30.
Heating furnace. J. Cafagno. 2,381,106; Aug. 7.
Heating furnace. J. H. Strassburger. 2,369,419; Feb. 13.
Heating furnace. H. Weyenberg. 2,383,431; Aug. 21.
Heating furnace and burner therefor. F. A. Corbin and H. F. Netzhammer. 2,389,027; Nov. 13.
Heating heads and blowpipe nozzles, Manufacture of. P. E. Timmerman and C. V. Johanson. 2,378,516; June 19.
Heating means. H. S. Wheller. 2,390,630; Dec. 11.
Heating method. R. R. Haugh. 2,384,998; Sept. 18.
Heating, Method of and apparatus for. F. O. Hess. 2,367,119; Jan. 9.
Heating of fluids. M. W. Barnes. 2,374,797; May 1.
Heating of polyamides, Controlled. L. F. Salisbury. 2,374,137; Apr. 17.
Heating stove. R. H. White, R. H. Hodgson, B. Jones, Jr., and L. White. 2,376,409; May 22.
Heating system. C. W. Graves. 2,387,576; Oct. 23.
Heating system. W. W. Hallinan. 2,369,044; Feb. 6.
Heating system. S. E. Heymann. 2,370,035; Feb. 20.
Heating system. H. B. Holthouse. 2,386,115; Oct. 2.
Heating system. J. R. Lawler. 2,369,242; Feb. 13.
Heating system. H. J. De N. McCollum. 2,379,016; June 26.
Heating system. T. J. Sullivan. 2,376,632; May 22.
Heating system and apparatus therefor, Gas burner. F. C. Miller. 2,373,326; Apr. 10.
Heating system for buildings, Space. V. E. Hupp. 2,375,556; May 8.
Heating system, Vehicle. J. F. D. Smith. 2,382,340; Aug. 14.
Heating unit. T. E. Brown. 2,389,839; Nov. 27.
Heating unit. H. J. De N. McCollum. 2,379,017; June 26.
Heating unit. J. A. Wilson and N. H. Sutterfield. 2,373,731; Apr. 17.
Heating unit and making same, Encased electric. C. M. Osterheld. 2,368,771; Feb. 6.
Heat-resistant cast iron. D. E. Krause. 2,390,594; Dec. 11.
Heavy-duty control cable. E. W. Batterson and E. A. Midling. 2,380,015; July 10.
Heavy-duty disk brake. H. T. Lambert. 2,375,854; May 15.
Heavy duty snap switch. N. L. Heikes. 2,373,681; Apr. 17.
Hectograph blanket. W. J. Champion. 2,372,355; Mar. 27.
Hectograph blanket and preparing same. R. C. Bour. 2,372,354; Mar. 27.
Hectograph blanket having a copy mass comprising a silicate. W. J. Champion. 2,387,643; Oct. 23.
Hectograph compositions and blankets. R. C. Bour. 2,368,516; Jan. 30.
Heddle bar support. C. E. A. Lausberg. 2,376,258; May 15.
Heddle frame. G. R. Plott. 2,381,308; Aug. 7.
Heddle frame support. R. T. Osteen. 2,383,271; Aug. 21.
Heel. B. Kellman. 2,387,029; Oct. 16.

Heel attaching machine. J. W. Carr and T. B. Clarke. 2,391,543; Dec. 25.
Heel attachment, Antiskid. J. M. Hearton. 2,370,625; Mar. 6.
Heel breasting machine. F. P. Taylor. 2,383,025; Aug. 21.
Heel breasting machine. E. E. Winkley. 2,385,482; Sept. 25.
Heel construction for shoes. G. Anson. 2,369,201; Feb. 13.
Heel, Cushion. E. C. Uhlig. 2,375,153; May 1.
Heel for boots or shoes. H. C. Nimrick. 2,378,028; June 12.
Heel for shoes, Detachable. R. N. Wilson. 2,379,559; July 3.
Heel lift. C. B. Lemke. 2,387,334; Oct. 23.
Heel lift, Detachable. B. H. Walker. 2,385,592; Sept. 25.
Heel, Shoe. E. S. Bosch. 2,372,760; Apr. 3.
Heel, Shoe. M. J. Goldberg. 2,370,951; Mar. 6.
Heel, Shoe. H. A. Strupp. 2,378,511; June 19.
Heel, Spring wedge. C. L. Miller. 2,383,877; Aug. 28.
Heel stripper. G. Hunt. 2,388,150; Oct. 30.
Heel support. G. K. Richardson. 2,378,038; June 12.
Heel treating. K. W. Macdonald. 2,382,247; Aug. 14.
Heels, Method of and machine for coating. V. F. Harrington. 2,368,829; Feb. 6.
Height gauge. A. J. Metro. 2,385,874; Oct. 2.
Height-measuring device. P. E. Attick. 2,381,428; Aug. 7.
Helical binders, Manufacture of. A. Freundlich. 2,388,401; Nov. 6.
Helical electric immersion heater. P. B. Levitt. 2,371,696; Mar. 20.
Helically wound body. W. Kasten. 2,380,111; July 10.
Helices of varying depth, Generating. J. E. Kline. 2,384,625; Sept. 11.
Helicopter. E. Adams. 2,381,417; Aug. 7.
Helicopter. S. Apostolescu. 2,384,445; Sept. 11.
Helicopter. H. T. Avery. 2,369,652; Feb. 20.
Helicopter. J. P. Burke. 2,378,617; June 19.
Helicopter. S. Gagas. 2,372,481; Mar. 27.
Helicopter. R. R. Hays. 2,369,048; Feb. 6.
Helicopter. R. R. Hays. 2,388,653; Nov. 6.
Helicopter. A. Skavinsky. 2,385,889; Oct. 2.
Helicopter. E. L. Smith. 2,375,592; May 8.
Helicopter aircraft. A. M. Young. 2,368,698; Feb. 6.
Helmet construction. C. F. Scholl and R. W. Bergman. 2,371,712; Mar. 20.
Helmet for acetylene welders. R. T. Shields. 2,370,499; Feb. 27.
Helmet, Protective. L. G. Feman. 2,383,597; Aug. 28.
Helmet, Welder's. M. Eisenbud. 2,388,604; Nov. 6.
Helmet, Welder's. J. O'Reilly. 2,384,765; Sept. 11.
Helmet, Welder's. L. A. Severy. 2,390,006; Nov. 27.
Helmet, Welding. R. Bakke. 2,377,122; May 29.
Helper drive. W. R. Harris. 2,382,415; Aug. 14.
Hematoxylin, Recovering. R. L. Drew. 2,369,343; Feb. 13.
Hemostat. O. W. Hunn. 2,385,207; Sept. 18.
Hemostat and forming same. V. Calhoun. 2,387,642; Oct. 23.
Hemp turning machine. J. B. Kucera. 2,390,375; Dec. 4.
Herbicide. C. De Laney. 2,391,299; Dec. 18.
Herbicide. F. E. Hance. 2,370,349; Feb. 27.
Heterocyclic compounds, Making. L. I. Smith and J. A. King. 2,388,579; Nov. 6.
Heterocyclic disubstituted alkylol guanidines, Symmetrical. W. P. Ericks and J. H. Williams. 2,367,569; Jan. 16.
Hetero-oxygen compounds, Monoazo. J. Danuser and R. von Capeller. 2,391,137; Dec. 18.
Hexamethylene di-isocyanate, Preparation of. M. W. Farlow. 2,374,340; Apr. 24.
High boiling unsaturated products of petroleum pyrolysis and heat polymers therefrom. E. L. Hall and H. R. Batcheldor. 2,387,259; Oct. 23.
High call reversal, Selective. H. W. Williams, D. Santini, and M. L. Mount. 2,376,218; May 15.
High frequency antenna. M. W. Scheldorf. 2,380,333; July 10.
High frequency apparatus. J. P. Blewett. 2,366,556; Jan. 2.
High frequency apparatus. S. Ramo. 2,366,555; Jan. 2.
High-frequency apparatus. L. J. Wolf. 2,386,733; Oct. 9.
High frequency apparatus for heating organic material. W. W. Hansen. 2,370,161; Feb. 27.
High frequency attenuating device. G. E. Archenbronn. 2,390,489; Dec. 11.
High-frequency coupling circuit. O. E. Dow and H. E. Goldstine. 2,373,233; Apr. 10.
High frequency generator. C. A. Rosencrans. 2,368,328–9; Jan. 30.
High-frequency inductance unit. G. B. McClellan. 2,368,857; Feb. 6.
High frequency tank circuit. W. van B. Roberts. 2,370,423; Feb. 27.
High-frequency tube structure. E. L. Ginzton and W. W. Hansen. 2,391,016; Dec. 18.
High intensity light source. C. G. Suits. 2,390,816; Dec. 11.
High lift valve. B. Cones. 2,380,631; July 31.
High pressure centrifugal pump. C. L. Babb. 2,389,753; Nov. 27.
High pressure distillate samples, Obtaining. R. J. Sullivan and J. Miller. 2,380,271; July 10.
High-pressure fluid pump. W. T. Tabb. 2,372,694; Apr. 3.
High-pressure hydraulic pump. R. L. Levy. 2,389,374; Nov. 20.
High pressure separation. D. L. Katz and T. H. Whaley, Jr. 2,391,576; Dec. 25.
High pressure separation process. T. H. Whaley. 2,391,607; Dec. 25.
High pressure shutoff valve. D. A. Stark. 2,391,278; Dec. 18.
High-pressure steam generator. L. E. Sebald. 2,379,661; July 3.
High pressure test plug. W. M. Nicholson. 2,374,947; May 1.
High-pressure valve. A. T. Newell. 2,371,585; Mar. 13.
High SO_3 amide products. M. J. Kelley and W. L. Abramowitz. 2,372,786; Apr. 3.
High-speed direct current generator. C. A. Adams. 2,368,608; Jan. 30.
High-speed relay. B. V. Hoard. 2,379,905; July 10.
High-temperature heat-treating furnace. W. Worth, E. R. Walker, and S. A. Whitt. 2,369,879; Feb. 20.
High temperature lamp. J. W. Marden. 2,367,595; Jan. 16.
High-tension apparatus. K. Bischoff. 2,372,928; Apr. 3.
High voltage fusing tool. C. P. Berg. 2,366,233; Jan. 2.
Highway construction and method. G. Rodli. 2,366,754; Jan. 9.
Hinge. J. W. Aspenleiter. 2,371,729; Mar. 20.
Hinge. S. T. V. Cowen. 2,367,205; Jan. 16.
Hinge. D. W. Kahle. 2,372,431; Mar. 27.
Hinge. H. C. Langhorst. 2,369,148; Feb. 13.
Hinge. A. Lesti. 2,375,118; May 1.
Hinge. E. W. North. 2,372,977; Apr. 3.
Hinge. H. Traumüller. 2,389,010; Nov. 13.
Hinge and operating device, Closure. C. L. Ostrander. 2,373,197; Apr. 10.
Hinge and wall assembly, Combined. N. T. Baldanza 2,370,928; Mar. 6.
Hinge combination, Cam. S. J. Stanton. 2,385,738; Sept. 25.
Hinge, concealed. M. J. Economides. 2,373,178; Apr. 10.
Hinge construction. J. J. Thomas. 2,388,021; Oct. 30.
Hinge construction for waffle irons and the like. R. N. Dickey. 2,367,847; Jan. 23.
Hinge for windows or the like pivotable in horizontal or vertical direction, Frictional. A. O. Hellkvist. 2,376,965; May 29.
Hinge joint. M. Goldschmidt and J. E. Moyal. 2,367,861; Jan. 23.
Hinge, Metal cabinet. R. A. Stone. 2,385,169; Sept. 18.
Hinge mounting for sound recording and reproducing heads, Spring. L. Thompson and R. L. Stone. 2,369,087; Feb. 6.
Hinge pin, retainer pin, and the like provided with self-locking means. J. Martin. 2,382,166; Aug. 14.
Hinge, Plastic toilet seat. H. D. Watson. 2,371,200; Mar. 13.
Hinge, Ski. C. B. Rollins. 2,367,528; Jan. 16.
Hinge, Stop. B. R. Thiele. 2,372,303; Mar. 27.
Hinge support. M. Watter. 2,380,091; July 10.
Hinged clamp. J. R. O'Donnell. 2,370,748; Mar. 6.
Hinged cover container. H. A. Carruth and M. I. Williamson. 2,369,385; Feb. 13.
Hinged cover container. H. A. Carruth and M. I. Williamson. 2,369,388; Feb. 13.
Hinged cover container. H. A. Carruth and M. I. Williamson. 2,369,390; Feb. 13.
Hinged cover container. W. A. Ringler. 2,369,391–2; Feb. 13.
Hinged cover container. M. I. Williamson and H. A. Carruth. 2,369,386–7; Feb. 13.
Hinged cover container. M. I. Williamson and H. A. Carruth. 2,369,389; Feb. 13.
Hinged self-sealing coupling. F. T. Newell. 2,377,510; June 5.
Hitch. F. M. Fraga. 2,379,225; June 26.
Hitch, Agricultural tool-tractor rope. E. W. Creekbaum. 2,370,232; Feb. 27.
Hitch, Automatic telescopic draft. H. R. Forney. 2,384,244; Sept. 4.
Hitch, Boat. C. L. Radick. 2,387,352; Oct. 23.
Hitch control, Tractor. K. L. Brimhall. 2,386,192; Oct. 9.
Hitch device. J. I. Cantral. 2,381,258; Aug. 7.
Hitch device. A. W. Oehler and D. L. Adams. 2,377,806; June 5.
Hitch, Draft. H. R. Forney. 2,384,245; Sept. 4.
Hitch, Equalizing trailer. J. E. Nogle. 2,376,001; May 15.
Hitch for trailers. H. C. Beitzel. 2,377,315; June 5.
Hitch mechanism, Steering. W. A. Hyland. 2,370,468; Feb. 27.
Hitch, Tractor. R. T. Evans and J. H. Clasen. 2,383,182; Aug. 21.
Hitch, Trailer. H. F. Schultz. 2,381,841; Aug. 7.
Hitch, Vehicle. C. R. Bingham. 2,378,460; June 19.
Hitch, Vehicle. C. R. Bingham. 2,384,363; Sept. 4.
Hitching device. S. Winters. 2,371,662; Mar. 20.
Hobbing machine. G. L. Merrill, T. F. Carlin, and E. J. Batorski. 2,390,607; Dec. 11.
Hog feeder. H. Bane. 2,377,202; May 29.
Hogshead, Knockdown. R. S. McConnell. 2,375,122; May 1.

Hoist. C. A. Burton. 2,372,157; Mar. 20.
Hoist. W. Carey. 2,373,455; Apr. 10.
Hoist. H. T. Hart, H. A. Barber, and E. W. Burbeck. 2,385,276; Sept. 18.
Hoist. W. O. Nelson. 2,387,087; Oct. 16.
Hoist. H. F. Parker and K. W. Stinson. 2,371,352; Mar. 13.
Hoist. H. F. Parker and K. W. Stinson. 2,373,048; Apr. 3.
Hoist attachment. A. Smith. 2,368,947; Feb. 6.
Hoist control. E. B. Lear and J. A. Hope. 2,378,225; June 12.
Hoist control, Alternating current. W. R. Wickerham. 2,386,580; Oct. 9.
Hoist control, Skip. G. Fox. 2,370,855; Mar. 6.
Hoist control system. W. R. Wickerham. 2,386,581; Oct. 9.
Hoist, crane, lift and the like lifting apparatus. S. Baynes. 2,373,007; Apr. 3.
Hoist, Double drum. F. P. Lawler. 2,376,972; May 29.
Hoist, Electric invalid. H. A. Winter. 2,368,390; Jan. 30.
Hoist load brake. R. E. Smith. 2,372,026; Mar. 20.
Hoist, Portable. C. E. Watson. 2,378,605; June 19.
Hoist, Power. C. R. Smith. 2,379,599; July 3.
Hoist, power operated. H. S. Moore, and F. T. Whelan. 2,367,041; Jan. 9.
Hoist, Propeller. P. J. Leaver and P. W. Matthews. 2,381,913; Aug. 14.
Hoist type pump. J. L. Mauldin. 2,374,765; May 1.
Hoist, Wire rope. H. F. Parker. 2,368,039; Jan. 23.
Hoisting brake control. F. L. White. 2,377,285; May 29.
Hoisting means for sunken ships, Self-adjusting. C. M. Zoll. 2,382,840; Aug. 14.
Hoisting mechanism. H. W. Ball. 2,370,834; Mar. 6.
Hoisting mechanism. A. J. Brown. 2,378,749; June 19.
Hoisting mechanism. G. H. Leland. 2,391,172; Dec. 18.
Hoisting mechanism. A. J. Stanton and E. F. Campbell. 2,387,777; Oct. 30.
Holdall, suit case, or the like. E. E. Langford and A. T. Garnett. 2,373,573; Apr. 10.
Hold-down clamp. S. A. Wood. 2,390,022; Nov. 27.
Hold-down device. J. H. Filburn. 2,381,815; Aug. 7.
Holder: *See*—

Abrasive stick holder.
Absorbent holder.
Article holder.
Ash tray holder.
Automatic electronic load holder.
Automobile license stamp holder.
Baby's bottle holder.
Bag filling holder.
Bag holder.
Bait can and fish sack holder.
Boring bar holder.
Boot holder.
Bottle holder.
Brush holder.
Cigarette and cigar holder.
Cigarette and safety match holder.
Cigarette holder.
Coin holder.
Collet holder.
Connecting pin holder.
Container holder.
Cook-book holder.
Cosmetic holder.
Coupon holder.
Crystal holder.
Dental floss holder.
Detachable toilet paper holder.
Die holder.
Door holder.
Dressing tool holder.
Drinking tube holder.
Electrode holder.
Eyeglass holder.
Fastening holder.
File holder.
Film holder.
Fishhook holder.
Fixture holder.
Flower holder.
Folding target holder.
Garage door holder.
Handkerchief holder.
Hydraulic work holder.
Lamp holder.
Laundry holder.
Lens holder.
Lettering-guide holder.
License plate holder.
Lipstick holder.
Loose-leaf holder.
Magnifying glass holder.
Meat holder.
Mechanical cigarette holder
Motor vehicle identification tag holder.
Necktie holder.
Non-luminous cigarette holder.
Nursing bottle holder.
Nut holder.
Opposed angle brush holder
Paint bucket holder.
Paper roll holder.
Pencil holder.
Photographic negative holder.
Pie holder.
Piezoelectric crystal holder.
Pocket utensil holder.
Pot holder.
Printing plate holder.
Propellent charge holder.
Razor blade holder.
Record-card holder.
Reversible tap holder.
Roll holder.
Rotary ejector electrode holder.
Rotatable broach holder.
Rug filler holder.
Sanitary dental floss holder.
Self-adjusting thread holder.
Self-attaching wire holder.
Self-releasing die holder.
Shaving brush holder.
Sheet holder.
Shoe holder.
Slide holder.
Soap holder.
Spool holder.
Spoon holder.
Stick holder.
Strap handle holder.
Supply holder.
Thread separating thread holder.
Toilet paper roll holder.
Tool holder.
Train order holder.
Tube holder.
Tubing and needle holder.
Twine holder.
Vacuum holder.
Vacuum work holder.
Welding electrode holder.
Welding rod holder.
Work holder.
X-ray film holder.

Holder. M. Cohen. 2,389,717; Nov. 27.
Holder and arranger, Flower. H. L. Bierwert. 2,381,253; Aug. 7.
Holder and dispenser, Hairpin. J. C. Morrell. 2,383,207; Aug. 21.
Holder and ejector, Weldrod. L. C. Bass. 2,383,951; Sept. 4.
Holder and feeder for sewing machines, Tip. W. Farkas and I. Friedman. 2,378,072; June 12.
Holder and fishing pole rest, Combined fish sack. E. H. Kruse. 2,367,588; Jan. 16.
Holder and fixture for tubular lamps. A. G. Mueller, W. R. Young, and F. C. Dazley. 2,384,956; Sept. 18.
Holder and indexing means, Work. G. C. Becker. 2,369,425; Feb. 13.
Holder and insulator for electric fence wire. D. F. Hunter. 2,390,305; Dec. 4.
Holder and lid tightener, Fruit jar. R. F. Heim. 2,386,460; Oct. 9.
Holder and matches, Match. N. Levin. 2,372,836; Apr. 3.
Holder and opener for containers of additive liquid. M. W. Shayeson. 2,380,472; July 31.
Holder and position indicator, Sheet. P. Mannino. 2,375,427; May 8.
Holder and projection machine therefor, Transparent film segment. C. B. Bogue. 2,385,771; Oct. 2.
Holder and tailstock center, Die. A. Sarossy. 2,383,991; Sept. 4.
Holder attachments for vise jaws, Elastic work. H. P. Fest. 2,378,543; June 19.
Holder for boxes, Label. E. C. Harden. 2,376,916; May 29.
Holder for brooches, Display. M. Goodman. 2,380,688; July 31.
Holder for chalk lines and the like. C. T. Rogne. 2,366,755; Jan. 9.
Holder for cigars and cigarettes. J. D. Kilgore. 2,373,629; Apr. 10.
Holder for clarinet and band instruments, Music. N. Solberg. 2,386,576; Oct. 9.
Holder for cleaning cloth. R. L. Kincaid. 2,384,178; Sept. 4.
Holder for cutting tables, Cloth. J. Herman and J. Feuer. 2,372,779; Apr. 3.
Holder for duck decoys, Combined stabilizer and anchor cord. F. Higgins. 2,368,834; Feb. 6.
Holder for electric lamps and the like purposes, Adjustable. J. R. Bateman. 2,389,340; Nov. 20.
Holder for electric lanterns, Extensible battery cell. W. M. Moxley. 2,383,337; Aug. 21.
Holder for electric welding rods. F. E. Trinajstich 2,371,003; Mar. 6.
Holder for electrodes and welding rods. H. F. Fuller. 2,390,997; Dec. 18.
Holder for finger nail files. W. Stinson. 2,376,946; May 29.
Holder for fishing poles. P. S. Odward. 2,389,384; Nov. 20.
Holder for lathes and the like, Cushioning. W. J. Weberg. 2,377,594; June 5.
Holder for lathes, Work. B. Licwinko. 2,372,787; Apr. 3.
Holder for line throwing guns, Cord. A. T. La Pierre. 2,388,749; Nov. 13.
Holder for looms, Thread. H. A. Whitin. 2,385,242; Sept. 18.
Holder for metal pipes and bars and the like, Welding. L. W. Fulleton. 2,381,584; Aug. 7.
Holder for pencils or pens. P. J. Bona. 2,366,483; Jan. 2.
Holder for photographic sheet material, Processing. H. F. Stiffler. 2,368,078; Jan. 23.
Holder for picker sticks, Lug strap. H. L. Williams. 2,380,352; July 10.
Holder for piezoelectric crystals. C. S. Cockerell. 2,382,366; Aug. 14.
Holder for razor blades. C. W. Caldwell. 2,379,863; July 10.
Holder for roll roofing, Fixture. F. J. Stephens and W. T. Tillotson. 2,375,502; May 8.
Holder for sheet material. C. Turner. 2,366,296; Jan. 2.
Holder for small articles, Sanitary. L. A. Casnati. 2,373,651; Apr. 17.
Holder for toothbrush and dentifrice. C. F. Brown. 2,370,005; Feb. 20.
Holder for turret lathes, Work. F. W. Vaughan. 2,367,703; Jan. 23.
Holder for upright staffs and the like. F. A. Burton. 2,390,292; Dec. 4.
Holder for welder electrodes. A. D. Clyburn. 2,374,421; Apr. 24.
Holder for winding machines, Spool. W. Siegenthaler 2,370,924; Mar. 6.
Holder for wrenches, Nut. F. Malcom. 2,369,400; Feb. 13.
Holder or pipestem, Cigarette. J. R. Ricketts. 2,385,651; Sept. 25.
Holder, Rivet or bolt. F. Caldarelli. 2,374,582; Apr. 24.
Holders, Film. E. G. Forssell. 2,390,211; Dec. 4.
Holders for looms. Positively actuated thread. E. A. Santon. 2,390,962; Dec. 11.
Holders for welding electrodes. M. W. Bannan. 2,377,203; May 29.
Holdfast means for screw bolts. D. W. Johnson. 2,379,804; July 3.
Holding brake. E. P. Grime. 2,372,196; Mar. 27.

Holding device. J. M. Johnston. 2,385,709; Sept. 25.
Holding fixture for broaching machines, Work. O. W. Bonnafe. 2,381,999; Aug. 14.
Holding means, Garment. B. P. Bohn. 2,385,053; Sept. 18.
Holdup for lug straps. W. Herron. 2,388,146; Oct. 30.
Holes, Drilling. J. A. Zublin. 2,382,933; Aug. 14.
Hollow articles, Making. E. L. Perry. 2,369,488; Feb. 13.
Hollow articles, Method and mold for casting. C. E. Sorensen and H. M. Reinhold. 2,374,902; May 1.
Hollow bodies, Lathe for profiling. O. von Zelewsky and K. Künzi. 2,385,430; Sept. 25.
Hollow bodies of refractory metals, Making seamless. R. Lowit. 2,373,405; Apr. 10.
Hollow form. R. W. Hemphill. 2,384,741; Sept. 11.
Hollow form, Destructible. L. L. Greneker. 2,369,892; Feb. 20.
Homogeneous solutions and dispersions of colloids and products so prepared, Preparing nonturbid. F. W. H. Mueller. 2,379,646; July 13.
Homogenizer. J. B. McFadden. 2,380,856–7; July 31.
Homogenizing machine. J. M. Colony. 2,389,486; Nov. 20.
Hone conditioning process. W. O. Flatt. 2,368,979; Feb. 6.
Hone, Safety razor blade. G. D. Ryall. 2,375,251; May 8.
Honey extractor. W. T. Kelley. 2,389,669; Nov. 27.
Honing device. J. B. Klein. 2,383,657; Aug. 28.
Honing device. J. Sunnen. 2,376,850–1; May 22.
Honing machine. E. Y. Seborg. 2,377,272; May 29.
Honing machine. J. Sunnen. 2,377,588; June 5.
Hood caps, Method and apparatus for making. K. R. Allen. 2,381,851; Aug. 7.
Hood closure cap. C. W. Goodwin and H. W. Martin. 2,379,959; July 10.
Hood for infants' carriages. W. C. Troendle. 2,367,541; Jan. 16.
Hood, Inhalant. J. A. Blosser. 2,389,293; Nov. 20.
Hood, Locomotive. M. Essl. 2,370,237; Feb. 27.
Hood, Welder's. S. H. Carlson. 2,386,656; Oct. 9.
Hood, Welder's. O. J. O. Conway. 2,384,798; Sept. 18.
Hook: *See*—
Cargo sling hook.
Gaff hook.
Ladder hook.
Log grab hook.
Rigging hook.
Self-releasing hoisting hook.
Stand hook.
Hook and latch for line implements. T. F. Johnson. 2,385,708; Sept. 25.
Hook releaser, Fishing. D. Jackson. 2,385,415; Sept. 25.
Hook wall well packer. J. T. Phipps. 2,382,094; Aug. 14.
Hop picking machine, Stationary type. F. F. Dauenhauer. 2,391,138; Dec. 18.
Hopper and door means, Incinerator combined. C. N. Tozer. 2,371,785; Mar. 20.
Hopper construction. J. P. Durning. 2,380,733; July 31.
Hopper construction, Railway. V. Willoughby. 2,385,-245; Sept. 18.
Hopper mounting for truck type concrete mixers, Charging. R. J. Barnes. 2,374,912; May 1.
Hopper, Portable. F. Briner. 2,381,103; Aug. 7.
Hopper, Portable. J. W. Moore. 2,384,389; Sept. 4.
Horizon and bank indicator for aircraft trainers, Artificial. C. I. Baker. 2,381,872; Aug. 14.
Horizon for sextants, Artificial. B. E. Luboshez. 2,386,621; Oct. 9.
Horizontal pot type burner. M. D. Huston. 2,386,556; Oct. 9.
Horizontal pot type burner. S. Perry. 2,391,069; Dec. 18.
Horizontal type rotary oil burner. J. G. Frost. 2,370,345; Feb. 27.
Hormone derivatives. S. G. Turnbull, Jr. 2,385,852; Oct. 2.
Hormone, Obtaining substantially pure interstitial-cell stimulating. H. B. Van Dyke, R. O. Greep, and B. F. Chow. 2,372,234; Mar. 27.
Hormones, Preparing steroidal. H. M. Crooks, Jr., and E. M. Jones. 2,383,472; Aug. 28.
Hormones, Producing. S. G. Turnbull, Jr. 2,385,853; Oct. 2.
Horn bushing puller. L. Scott. 2,377,973; June 12.
Hose clamp. J. E. Austin. 2,370,766; Mar. 6.
Hose clamp. C. E. Hathorn. 2,391,235; Dec. 18.
Hose clamp. J. T. King. 2,389,785; Nov. 27.
Hose clamp. W. Kitts. 2,383,199; Aug. 21.
Hose clamp. E. W. North and W. O. Burke. 2,386,629; Oct. 9.
Hose clamp. N. Seaholm. 2,383,920; Aug. 28.
Hose clamp. N. D. Smith. 2,391,804; Dec. 25.
Hose clamp. V. E. Sprouse. Re. 22,601; Feb. 13.
Hose clamp. V. E. Sprouse. 2,374,141; Apr. 17.
Hose connector. D. W. Main and R. G. Cox. 2,371,971; Mar. 20.
Hose connector. W. G. L. Smith. 2,371,363; Mar. 13.
Hose coupling. D. P. Glessner. 2,386,109; Oct. 2.
Hose coupling. G. G. Howard. 2,377,010; May 29.
Hose coupling. H. C. Krone and W. Meyer. 2,381,962; Aug. 14.
Hose coupling. P. S. Madsen. 2,391,063; Dec. 18.
Hose coupling. F. D. Mahoney. 2,386,562; Oct. 9.
Hose coupling. K. Pape and A. N. Troshkin. 2,388,992; Nov. 13.
Hose coupling. F. E. Smith. 2,366,814; Jan. 9.
Hose coupling. L. F. Strout. 2,367,447; Jan. 16.
Hose coupling. T. A. Werkenthin and F. M. McGeary 2,369,697; Feb. 20.
Hose, Making inflatable. J. A. Muller and L. Cranston. 2,381,074; Aug. 7.
Hose, Manufacturing flexible. C. W. Greene. 2,366,853; Jan. 9.
Hose nozzle. A. Nielsen. 2,376,881; May 29.
Hose rack. N. Rosenblum. 2,367,141; Jan. 9.
Hose reel. M. Garancher. 2,368,293; Jan. 30.
Hosiery. R. E. Davis. 2,384,079; Sept. 4.
Hosiery and circular knitting machine therefor, Knitting. B. T. Cole. 2,372,554; Mar. 27.
Hosiery and making same. E. L. Schubert. 2,375,253; May 8.
Hosiery run inhibiting preparation. F. F. Lindstaedt. 2,384,382; Sept. 4.
Hospital chair. E. W. Bushnell. 2,383,039; Aug. 21.
Hot air heating furnace. J. C. Miles. 2,391,028; Dec. 18.
Hot and cold water mixer. V. D. Carkonen. 2,367,482; Jan. 16.
Hot bearing alarm. G. W. Baughman. 2,385,487; Sept. 25.
Hot top. E. G. Jones and G. O. Leach. 2,390,373; Dec. 4.
Hot-water heater. C. D. Zipeto. 2,371,096; Mar. 6.
Hot-water storage heater. E. R. Koppel. 2,385,450; Sept. 25.
House car. K. F. Nystrom. 2,367,603; Jan. 16.
Housing and assembly, Blower. L. R. Ripley. 2,386,508; Oct. 9.
Housing for electric apparatus. J. W. Owens. 2,380,782; July 31.
Housing for electrical switches. R. Popp. 2,368,679; Feb. 6.
Housing for interior lighting. S. C. Miller. 2,374,228; Apr. 24.
Housing, Motor. J. Leflar and V. L. Darnell. 2,381,914; Aug. 14.
Housing, Reinforced. E. D. Nunn. 2,378,860; June 19.
Housing unit. H. O. Chapman and R. Evans. 2,391,544; Dec. 25.
Hub, Buffing wheel. H. E. Hargy, Sr. 2,382,479; Aug. 14.
Hub construction for propellers. P. F. Hackethal. 2,370,657; Mar. 6.
Hub structure. F. B. Shepard. 2,381,697; Aug. 7.
Hub structures, Making. A. G. Forsyth. 2,378,842; June 19.
Hull of motor vessels. E. F. Cribb. 2,387,700; Oct. 23.
Huller, Strawberry. L. A. Frasher. 2,376,135; May 15.
Hum reducing system. W. S. Bachman. 2,366,471; Jan. 2.
Humidifier. H. Weyenberg. 2,368,057; Jan. 23.
Humidifier. H. E. Woolery. 2,377,836; June 5.
Humidifier, Cigarette. D. E. Taylor. 2,371,919; Mar. 20.
Humidifying apparatus. C. C. Chapple. 2,368,115; Jan. 30.
Humidifying apparatus. J. A. Hester, Sr. 2,366,906; Jan. 9.
Humidifying apparatus. G. R. Siefken. 2,377,527; June 5.
Humidity responsive device. H. J. Kersten. 2,377,426; June 5.
Humidity-responsive switch. G. W. Crise. 2,369,215; Feb. 13.
Husking mechanism. N. F. Andrews. 2,389,402; Nov. 20.
Hydantoin manufacture. A. O. Rogers. 2,391,799; Dec. 25.
Hydraulic actuating cylinder control valve. C. J. Rhoads. 2,372,293; Mar. 27.
Hydraulic arbor press, H. E. Page. 2,391,187; Dec. 18.
Hydraulic brake. C. A. Bauer. 2,368,103; Jan. 30.
Hydraulic brake. R. R. Birchfield. 2,389,405; Nov. 20.
Hydraulic brake. W. W. Carter. 2,371,503; Mar. 13.
Hydraulic brake. H. P. Kupiec and E. Stewart. 2,390,311; Dec. 4.
Hydraulic brake. O. Rasmussen. 2,369,313; Feb. 13.
Hydraulic brake. M. Shuman. 2,378,662; June 19.
Hydraulic brake. W. Stelzer. 2,382,268; Aug. 14.
Hydraulic brake attachment. E. T. Weeks and F. M. McCulley. 2,371,937; Mar. 20.
Hydraulic brake booster. W. Stelzer. 2,381,989; Aug. 14.
Hydraulic brake system for motor vehicles. R. B. Campbell. 2,375,750; May 15.
Hydraulic brake with mechanical follow-up. G. R. Tremolada. 2,371,856; Mar. 20.
Hydraulic braking system. B. E. House. 2,389,978; Nov. 27.
Hydraulic check. H. A. Knox. 2,367,220; Jan. 16.
Hydraulic circuit. G. A. Wahlmark. 2,380,810; July 31.
Hydraulic circuit. G. A. Wahlmark. 2,383,092; Aug. 21.
Hydraulic classification method. T. A. Dickson. 2,373,662; Apr. 17.
Hydraulic clutch or coupling, Torque control. J. Hertrich. 2,380,596; July 31.
Hydraulic compensation system. D. H. Brown. 2,380,575; July 31.
Hydraulic control. A. J. Swanson. 2,385,891; Oct. 2.
Hydraulic control apparatus for machine tool. R. A. Schafer and R. Rodal. 2,377,720; June 5.
Hydraulic control mechanism. W. P. Willett. 2,381,795; Aug. 7.
Hydraulic coupling. J. F. Gregg. 2,391,413; Dec. 25.

Hydraulic coupling. C. Popper. 2,388,571; Nov. 6.
Hydraulic coupling. W. T. Stephens. 2,382,114; Aug. 14.
Hydraulic coupling and brake. A. C. Basebe. 2,370,438; Feb. 27.
Hydraulic device. F. S. Carver. 2,379,949; July 10.
Hydraulic device. M. P. Holmes. 2,390,590; Dec. 11.
Hydraulic door operating device. G. E. Armington. 2,366,587; Jan. 2.
Hydraulic drawbar lift for tractors. W. W. Williams, Jr. 2,375,970; May 15.
Hydraulic draw press. R. E. Davis. 2,380,153; July 10.
Hydraulic drilling device. R. R. Hays. 2,388,741; Nov. 13.
Hydraulic drive. W. Ferris. 2,385,069; Sept. 18.
Hydraulic drive. R. Obtresal. 2,381,923; Aug. 14.
Hydraulic drive. R. Tyler. 2,389,830; Nov. 27.
Hydraulic drive mechanism, Hand controlled. M. H. Arms. 2,378,680; June 19.
Hydraulic driving device. D. L. Shapiro. 2,390,620; Dec. 11.
Hydraulic duplicating mechanism and directional control. M. Turchan and C. Walker. 2,389,653; Nov. 27.
Hydraulic duplicating mechanism and exhaust governor. M. Turchan and C. Walker. 2,391,492; Dec. 25.
Hydraulic elevating mechanism. J. F. Joy. 2,378,409; June 19.
Hydraulic floor crane. K. A. Ruger and B. Hilton. 2,389,872; Nov. 27.
Hydraulic fluid motor. W. T. Stephens. 2,391,360; Dec. 18.
Hydraulic fluids. J. C. Woodhouse and K. E. Walker. 2,382,931; Aug. 14.
Hydraulic gas compressor. G. C. Johnson and J. W. Hathaway. 2,382,421; Aug. 14.
Hydraulic governor control. C. R. Roche. 2,378,158; June 12.
Hydraulic governor valve. W. L. Albert, Jr. 2,384,227; Sept. 4.
Hydraulic hoist. C. P. Gail and J. B. Kendall. 2,390,702; Dec. 11.
Hydraulic jack. H. E. Page. 2,387,940; Oct. 30.
Hydraulic lift mechanism. S. B. McLeod. 2,388,755; Nov. 13.
Hydraulic lift truck. H. E. Page. 2,388,864; Nov. 13.
Hydraulic lifting device. J. H. Minnis. 2,369,838; Feb. 20.
Hydraulic lifting mechanism. R. C. Farley, and J. W. Gillespie. 2,366,777; Jan. 9.
Hydraulic linkage, Self-locking. A. R. Stone. 2,387,307; Oct. 23.
Hydraulic loader and unloader. P. W. Soucia. 2,374,045; Apr. 17.
Hydraulic mechanism for machine tools and the like. G. D. Scott. 2,371,553; Mar. 13.
Hydraulic media. T. R. Donlan. 2,382,698; Aug. 14.
Hydraulic media for low temperature operations. T. R. Donlan. 2,379,792; July 3.
Hydraulic motor. G. Makaroff. 2,368,033; Jan. 23.
Hydraulic motor. T. F. Stacy. 2,389,169; Nov. 20.
Hydraulic motor mechanism. C. R. Sacchini and L. N. Vandervoort. 2,376,009; May 15.
Hydraulic operating unit. H. Schreck. 2,384,701; Sept. 11.
Hydraulic packing washer. A. Procter. 2,387,182; Oct. 16.
Hydraulic pile driving apparatus. J. L. Rubin. 2,367,890; Jan. 23.
Hydraulic power transmission apparatus. P. M. Salerni. 2,371,589; Mar. 13.
Hydraulic power unit. A. G. Mellinger. 2,390,957; Dec. 11.
Hydraulic press. P. E. Flowers, W. Ernst and H. F. MacMillin. 2,382,046; Aug. 14.
Hydraulic press. E. T. Masculine. 2,383,810; Aug. 28.
Hydraulic press. M. D. Stone and F. J. Gleve. 2,387,190; Oct. 16.
Hydraulic pressure fluid. D. L. Katz and A. K. Esterer. 2,390,258; Dec. 4.
Hydraulic pruning tool. F. A. Matulich. 2,385,419; Sept. 25.
Hydraulic pump. B. E. Folke. 2,369,345; Feb. 13.
Hydraulic pump. C. A. Pugh. 2,391,072; Dec. 18.
Hydraulic pump, fluid motor, or compressor. G. Roessler. 2,388,644; Nov. 6.
Hydraulic pump jack. A. Jaynes and T. W. Bragg. 2,386,316; Oct. 9.
Hydraulic pump or motor. H. L. Chisholm, Jr. 2,373,457; Apr. 10.
Hydraulic punch. W. J. Westervelt. 2,374,400; Apr. 24.
Hydraulic remote control apparatus. G. Amery. 2,371,596; Mar. 20.
Hydraulic remote control apparatus. C. Hyland. 2,371,893; Mar. 20.
Hydraulic remote control system. L. E. Dougherty. 2,389,962–3; Nov. 27.
Hydraulic retractor control. W. M. Pohl. 2,379,180; June 26.
Hydraulic retractor control. W. M. Pohl. 2,391,035; Dec. 18.
Hydraulic roller-bearing directional pressure wedge. M. C. Young. 2,385,753; Sept. 25.
Hydraulic safety brake system. C. E. Roy. 2,388,706; Nov. 13.
Hydraulic safety valve. R. H. Blank. 2,381,484; Aug. 7.
Hydraulic sand feeder. W. L. Keefer. 2,372,957; Apr. 3.
Hydraulic sand feeder. D. A. Wieland. 2,366,763; Jan. 9.
Hydraulic shock absorber. B. E. O'Connor. 2,371,705; Mar. 20.
Hydraulic shock absorber. G. M. Magrum and B. E. O'Connor. 2,384,186; Sept. 4.
Hydraulic shockless coupling. L. A. Martinelli and W. H. Topp. 2,370,679; Mar. 6.
Hydraulic sizer for suspended solids. E. A. Haagensen. 2,371,615; Mar. 20.
Hydraulic switch device. W. J. Hughes. 2,376,918; May 29.
Hydraulic system. R. H. Sullwold. 2,384,706; Sept. 11.
Hydraulic system. A. H. Swenson and P. A. Anderson. 2,386,990; Oct. 16.
Hydraulic system for stabilizers. F. W. Taylor. 2,381,162; Aug. 7.
Hydraulic system, Power pump operated single line. J. W. Kelly. 2,390,716; Dec. 11.
Hydraulic telecontrol device. H. G. Conway. 2,373,745; Apr. 17.
Hydraulic torque converter. R. Lang, J. von Fahland, and H. Gros. 2,384,841; Sept. 18.
Hydraulic torque converter. A. Lysholm. 2,379,015; June 26.
Hydraulic transmission. C. B. Cook. 2,372,357; Mar. 27.
Hydraulic transmission. R. R. Eastin. 2,380,734; July 31.
Hydraulic transmission. H. E. Hruska and A. B. Sibert. 2,387,398; Oct. 23.
Hydraulic transmission. I. J. Snader and M. A. Mathys. 2,379,546; July 3.
Hydraulic transmission for machine tools. M. A. Mathys. 2,368,259; Jan. 30.
Hydraulic valve. H. R. Ellinwood. 2,370,397; Feb. 27.
Hydraulic valve. A. C. Hoof. 2,371,293; Mar. 13.
Hydraulic valve adjusting means. E. W. Kettering. 2,380,051; July 10.
Hydraulic vibration damper. J. K. Simpson. 2,385,545; Sept. 25.
Hydraulic work holder. J. T. Obecny. 2,366,979; Jan. 9.
Hydraulically operated control mechanism. G. A. Wahlmark. 2,373,724; Apr. 17.
Hydraulically operated control mechanism. G. A. Wahlmark. 2,383,429; Aug. 21.
Hydraulically supported balancing machine. C. B. Spase. 2,372,610; Mar. 27.
Hydrazides containing hydroxyalkyl radicals and making same. C. Graenacher, R. Sallmann, and J. Frei. 2,371,133; Mar. 13.
Hydrazino-1,3,5-triazino derivatives of substituted phenylarsenic compounds. E. A. H. Friedheim. 2,390,529; Dec. 11.
Hydrides of alkaline earth metals, Production of. P. P. Alexander. 2,378,368; June 12.
Hydrocarbon alkylation process. F. E. Frey. 2,372,320; Mar. 27.
Hydrocarbon alkylation process. M. P. Matuszak. 2,379,368; June 26.
Hydrocarbon and preparation, Sulphurized. J. A. Reid. 2,380,072; July 10.
Hydrocarbon condensation process. H. J. Hall. 2,380,234; July 10.
Hydrocarbon compositions, Halogenated. F. M. Clark. 2,375,623; May 8.
Hydrocarbon constituents, Process for segregating valuable. C. E. Morrell and M. W. Swaney. 2,370,810; Mar. 6.
Hydrocarbon containing organically combined fluorine, Treating. F. E. Frey. 2,377,546; June 5.
Hydrocarbon containing organically combined fluorine, Treating. F. E. Frey. 2,391,149; Dec. 18.
Hydrocarbon conversion. J. A. Anderson. 2,374,262; Apr. 24.
Hydrocarbon conversion. P. M. Arnold. 2,380,010; July 10.
Hydrocarbon conversion. A. Belchetz and M. M. Perkins. 2,366,171; Jan. 2.
Hydrocarbon conversion. E. L. d'Ouville and B. L. Evering. 2,381,439; Aug. 7.
Hydrocarbon conversion. H. O. Folkins and C. M. Thacker. 2,380,958; Aug. 7.
Hydrocarbon conversion. C. G. Gerhold. 2,377,078; May 29.
Hydrocarbon conversion. H. C. Mayland. 2,371,538; Mar. 13.
Hydrocarbon conversion. W. A. Schulze. 2,374,507; Apr. 24.
Hydrocarbon conversion. W. A. Schulze. 2,383,218; Aug. 21.
Hydrocarbon conversion. A. H. Schutte and V. O. Bowles. 2,390,031; Nov. 27.
Hydrocarbon conversion. C. L. Thomas. 2,387,477; Oct. 23.
Hydrocarbon conversion, Combination powdered-granular catalyst. J. M. Page, Jr. 2,377,512; June 5.
Hydrocarbon conversion, Method and apparatus for catalytic. G. S. Dunham. 2,386,846; Oct. 16.
Hydrocarbon, Conversion of. H. Pines and V. N. Ipatieff. 2,385,300; Sept. 18.
Hydrocarbon conversion process. J. C. Ballie. 2,380,489; July 31.

Hydrocarbon conversion process. M. M. Stewart. 2,381,522; Aug. 7.
Hydrocarbon conversion process. W. A. Schulze and J. A. Guyer. 2,381,466; Aug. 7.
Hydrocarbon conversion process. E. Utterback. 2,382,371; Aug. 14.
Hydrocarbon conversion process, Catalytic. J. C. Bailie and M. J. See. 2,378,530; June 19.
Hydrocarbon conversion processes. C. K. Buell. 2,368,110; Jan. 30.
Hydrocarbon conversion processes, Catalytic. M. M. Stewart. 2,367,474; Jan. 16.
Hydrocarbon conversion system. M. Sutton and C. W. Nysewander. 2,379,550; July 3.
Hydrocarbon conversion system. M. Sutton and C. W. Nysewander. 2,382,815; Aug. 14.
Hydrocarbon conversion system, Catalytic. R. C. Gunness. 2,377,935; June 12.
Hydrocarbon conversion system, Combination powdered-granular catalyst. J. M. Page, Jr. 2,377,513; June 5.
Hydrocarbon conversion with silica chromium oxide catalysts. R. F. Ruthruff. 2,382,582; Aug. 14.
Hydrocarbon conversions and catalysts therefor. J. A. Anderson. 2,381,481; Aug. 7.
Hydrocarbon dehydration by distillation. G. H. Shipley, Jr., and W. B. Franklin. 2,368,497; Jan. 30.
Hydrocarbon, Dehydrogenating. H. M. Singleton. 2,389,215; Nov. 20.
Hydrocarbon derivatives, Sulphurized. M. A. Dietrich. 2,373,879; Apr. 17.
Hydrocarbon distillates, Gelatination of. W. K. Griesinger. 2,382,144; Aug. 14.
Hydrocarbon emulsions, Separation of. H. R. Batchelder. 2,383,362; Aug. 21.
Hydrocarbon fluids, Treating. E. W. S. Nicholson. 2,391,334; Dec. 18.
Hydrocarbon fluids, Treating. B. I. Smith and J. E. Donahue. 2,373,059; Apr. 3.
Hydrocarbon fractionation. W. W. Kraft. 2,376,923; May 29.
Hydrocarbon fractions, Treating. J. R. Callaway. 2,381,256; Aug. 7.
Hydrocarbon fuel blends. H. C. Paulsen. 2,385,158; Sept. 18.
Hydrocarbon fuels, Production of. W. E. Bradley. 2,376,472; May 22.
Hydrocarbon gases by hydration, Treatment of. A. J. L. Hutchinson and I. C. Bechtold. 2,375,559; May 8.
Hydrocarbon gases, Separation of. E. J. Houdry and R. W. Blue. 2,390,536; Dec. 11.
Hydrocarbon materials, Treating. M. P. Matuszak. 2,375,675; May 8.
Hydrocarbon materials, Treatment of. M. P. Matuszak. 2,366,743; Jan. 9.
Hydrocarbon materials, Treatment of saturated. F. E. Frey. 2,389,971; Nov. 27.
Hydrocarbon oil. M. A. Dietrich. 2,387,501; Oct. 23.
Hydrocarbon oil composition. E. W. Cook and W. D. Thomas, Jr., 2,389,110; Nov. 13.
Hydrocarbon oil, Compounded. J. F. Nelson and L. A. Mikeska. 2,391,184; Dec. 18.
Hydrocarbon oil, Decolorizing. W. A. La Lande, Jr. 2,381,293; Aug. 7.
Hydrocarbon oil, Removing copper compounds from copper-sweetened. K. M. Brown. 2,390,868; Dec. 11.
Hydrocarbon oils, Conversion of. J. E. Ahlberg and C. L. Thomas. 2,369,001; Feb. 6.
Hydrocarbon oils, Conversion of. A. R. Goldsby. 2,387,508; Oct. 23.
Hydrocarbon oils, Sweetening. C. S. Morris. 2,366,545; Jan. 2.
Hydrocarbon oils, Treatment of. L. Carlson. 2,368,704; Feb. 6.
Hydrocarbon oils, Treatment of. L. Schmerling and V. N. Ipatieff. 2,388,937; Nov. 13.
Hydrocarbon oils with light hydrocarbons, Treating. W. K. Lewis. Re. 22,612; Mar. 6.
Hydrocarbon polymerization. E. C. Hughes. 2,390,100; Dec. 4.
Hydrocarbon polymerization process. E. E. Stahly and F. B. Johnson. 2,385,237; Sept. 18.
Hydrocarbon products, Compounded. D. W. Young. 2,390,342; Dec. 4.
Hydrocarbon sweetening. E. H. Bender. 2,373,645; Apr. 17.
Hydrocarbon synthesis. G. L. Mateer and A. B. George. 2,371,402; Mar. 13.
Hydrocarbon synthesis. C. H. Schlesman. 2,378,439; June 19.
Hydrocarbon synthesis reaction. F. T. Barr. 2,384,874; Sept. 18.
Hydrocarbon treatment. S. C. Fulton and T. Cross, Jr. 2,380,228; July 10.
Hydrocarbon, Treatment of. C. L. Thomas and V. Haensel. 2,384,505; Sept. 11.
Hydrocarbon treatment, Residual. J. R. Bates. 2,380,391; July 31.
Hydrocarbonaceous materials, Hydrogenation of. C. L. Thomas. 2,377,728; June 5.
Hydrocarbons, Alkylated aromatic. P. J. Gaylor. 2,384,295; Sept. 4.
Hydrocarbons, Alkylation of. E. R. Kanhofer and B. M. Becker. 2,374,819; May 1.
Hydrocarbons, Alkylation of. W. A. Schulze. 2,378,040; June 12.
Hydrocarbons, Alkylation of aromatic. V. N. Ipatieff and L. Schmerling. 2,374,600; Apr. 24.
Hydrocarbons, Alkylation of aromatic. C. B. Linn. 2,372,505; Mar. 27.
Hydrocarbons, Alkylation of aromatic. C. B. Linn. 2,373,580; Apr. 10.
Hydrocarbons, Alkylation of aromatic. R. E. Schaad. 2,387,948; Oct. 30.
Hydrocarbons, Alkylation of aromatic. L. Schmerling and V. N. Ipatieff. 2,375,041; May 1.
Hydrocarbons and making mercaptans, Separating. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,387,224; Oct. 16.
Hydrocarbons and waxes and the products so produced, Separating. F. J. Sowa. 2,383,521; Aug. 28.
Hydrocarbons, Bodying agent for liquid. A. Minich. 2,390,609; Dec. 11.
Hydrocarbons by the action of liquid aluminum halide-hydrocarbon complex, Catalytically converting. L. R. Strawn. 2,389,651; Nov. 27.
Hydrocarbons, Catalytic conversion of. J. E. Ahlberg. 2,374,404; Apr. 24.
Hydrocarbons, Catalytic conversion of. A. Belchetz. 2,369,523; Feb. 13.
Hydrocarbons, Catalytic conversion of. R. E. Burk and E. C. Hughes. 2,374,175; Apr. 24.
Hydrocarbons, Catalytic conversion of. D. K. Finlayson. 2,390,244; Dec. 4.
Hydrocarbons, Catalytic conversion of. W. Kiersted, Jr. 2,378,734; June 19.
Hydrocarbons, Catalytic conversion of. E. E. Sensel 2,378,733; June 19.
Hydrocarbons, Catalytic cracking of. J. D. Danforth. 2,378,200; June 12.
Hydrocarbons, Catalytic cracking of oxidized. R. F. Ruthruff. 2,390,556; Dec. 11.
Hydrocarbons, Catalytic dehydrogenation of. K. K. Kearby. 2,370,797-8; Mar. 6.
Hydrocarbons, Catalytic isomerization of. A. E. Robertson. 2,388,081; Oct. 30.
Hydrocarbons, Catalytic treatment of. C. J. Helmers. 2,374,095; Apr. 17.
Hydrocarbons, Conversion of. C. H. Alberding. 2,371,726; Mar. 20.
Hydrocarbons, Conversion of. H. V. Atwell. 2,389,713; Nov. 27.
Hydrocarbons, Conversion of. R. T. Bell, H. O. Folkins and C. M. Thacker. 2,374,167; Apr. 24.
Hydrocarbons, Conversion of. R. T. Bell and C. M. Thacker. 2,384,877; Sept. 18.
Hydrocarbons, Conversion of. S. F. Birch and D. M. Besly. 2,373,740; Apr. 17.
Hydrocarbons, Conversion of. H. S. Bloch and C. L. Thomas. 2,369,009; Feb. 6.
Hydrocarbons, Conversion of. R. M. Cornforth. 2,372,711; Apr. 3.
Hydrocarbons, Conversion of. G. S. Dunham. 2,374,338; Apr. 24.
Hydrocarbons, Conversion of. A. R. Goldsby. 2,370,030; Feb. 20.
Hydrocarbons, Conversion of. V. Haensel and B. S. Friedman. 2,378,216; June 12.
Hydrocarbons, Conversion of. F. P. Jahn and A. G. Oblad. 2,374,102; Apr. 17.
Hydrocarbons, Conversion of. C. B. Linn and V. N. Ipatieff. 2,381,828; Aug. 7.
Hydrocarbons, Conversion of. M. M. Marisic. 2,384,943; Sept. 18.
Hydrocarbons, Conversion of. W. J. Mattox. 2,385,524; Sept. 25.
Hydrocarbons, Conversion of. M. P. Matuszak. 2,387,162; Oct. 16.
Hydrocarbons, Conversion of. E. F. Pevere. 2,389,739; Nov. 27.
Hydrocarbons, Conversion of. J. T. Pinkston, Jr. 2,382,910; Aug. 14.
Hydrocarbons, Conversion of. J. A. Reid. 2,389,240; Nov. 20.
Hydrocarbons, Conversion of. C. Richker. 2,366,805; Jan. 9.
Hydrocarbons, Conversion of. R. F. Ruthruff. 2,372,018; Mar. 20.
Hydrocarbons, Conversion of. R. F. Ruthruff. 2,391,481; Dec. 25.
Hydrocarbons, Conversion of. G. B. Zimmerman. 2,388,942; Nov. 13.
Hydrocarbons, Conversion of. G. B. Zimmerman. 2,390,285; Dec. 4.
Hydrocarbons, Conversion of paraffin. P. L. Cramer and C. R. Begeman. 2,373,295; Apr. 10.
Hydrocarbons, Converting. J. G. Allen and I. L. Wolk. 2,377,847; June 12.
Hydrocarbons, Converting. F. E. Frey. 2,384,294; Sept. 4.
Hydrocarbons, Cracking. J. W. Teter. 2,376,833; May 22.
Hydrocarbons, Cracking and reforming of. H. Gershinowitz. 2,370,533; Feb. 27.
Hydrocarbons, Dehydrocyclization of aliphatic. V. N. Ipatieff and V. Haensel. 2,386,957; Oct. 16.
Hydrocarbons, Dehydrogenating. W. A. Schulze. 2,384,645; Sept. 11.

Hydrocarbons, Dehydrogenation of. H. E. Drennan. 2,371,809; Mar. 20.
Hydrocarbons, Dehydrogenation of. W. R. F. Guyer. 2,374,932; May 1.
Hydrocarbons, Dehydrogenation of. W. A. Schulze. 2,377,579; June 5.
Hydrocarbons, Dehydrogenation of. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,367,620; Jan. 16.
Hydrocarbons, Dehydrogenation of. W. A. Schulze and J. C. Hillyer. 2,367,621; Jan. 16.
Hydrocarbons, Dehydrogenation of. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,367,622–3; Jan. 16.
Hydrocarbons, Dehydrogenation of. W. A. Schulze and J. C. Hillyer. 2,371,850; Mar. 20.
Hydrocarbons, Dehydrogenation of. W. A. Schulze and J. C. Hillyer. 2,381,691–3; Aug. 7.
Hydrocarbons, Dehydrogenation of. C. L. Thomas. 2,377,113; May 29.
Hydrocarbons, Dehydrogenation of aliphatic. I. L. Wolk. 2,367,479; Jan. 16.
Hydrocarbons derived from styrene and its homologues, Manufacture and use of. D. C. Quin. 2,386,507; Oct. 9.
Hydrocarbons, Desulphurizing. L. W. Royer. 2,379,654; July 3.
Hydrocarbons, Extraction of. H. H. Gross and I. F. German, Jr. 2,383,057; Aug. 21.
Hydrocarbons, Extraction of. C. E. Welling. 2,382,119; Aug. 14.
Hydrocarbons, Fractionation of. J. B. White. 2,377,736; June 5.
Hydrocarbons from admixture with hydrogen fluoride, Removal of light. K. H. Hacmuth. 2,376,051; May 15.
Hydrocarbons from alcohols with tetraprosphoric acid catalyst, Synthesizing. J. W. Jean. 2,373,475; Apr. 10.
Hydrocarbons from high-pressure fluids, Recovery of. A. D. Garrison. 2,374,091; Apr. 17.
Hydrocarbons from high-pressure fluids, Recovery of. A. D. Garrison and W. D. Yale. 2,388,048; Oct. 30.
Hydrocarbons from high pressure wells, Recovery of liquid. C. G. Kirkbride. 2,374,104; Apr. 17.
Hydrocarbons from hydrogen and carbon monoxide, Synthesis of multilink. W. Feistt, O. Roelen, and W. Schuff. 2,369,956; Feb. 20.
Hydrocarbons from petroleum, Production of purified aromatic. E. G. Borden. 2,375,464; May 8.
Hydrocarbons from solutions thereof in ammonia, Separation of unsaturated aliphatic. H. S. Nutting and L. H. Horsley. 2,370,063; Feb. 20.
Hydrocarbons, Halogenation of saturated. J. C. Schiller. 2,368,495; Jan. 30.
Hydrocarbons, Isomerization of. J. Anderson, S. H. McAllister, and W. E. Ross. 2,387,868; Oct. 30.
Hydrocarbons, Isomerization of. J. R. Callaway and W. E. Skelton. 2,367,333; Jan. 16.
Hydrocarbons, Isomerization of. W. W. Roach. 2,378,728; June 19.
Hydrocarbons, Isomerizing. W. E. Ross and T. Vermeulen. 2,379,749; July 3.
Hydrocarbons, Isomerization of. E. E. Stahly and L. E. Pirkle. 2,373,063; Apr. 3.
Hydrocarbons, Isomerization of. C. W. Watson. 2,368,733; Feb. 6.
Hydrocarbons, Isomerization of paraffin. M. M. Stewart. 2,381,562; Aug. 7.
Hydrocarbons, Isomerization of polyolefinic. R. C. Morris and J. L. Van Winkle. 2,375,024; May 1.
Hydrocarbons, Isomerization of saturated. V. N. Ipatieff, and H. Pines. 2,382,881–2; Aug. 14.
Hydrocarbons, Manufacture of. P. Herold, H. Kaufmann, and A. Woerner. 2,371,890; Mar. 20.
Hydrocarbons, Manufacture of antiknock. L. C. Kemp. 2,366,627; Jan. 2.
Hydrocarbons, Manufacture of aromatic. F. J. Sowa. 2,367,535; Jan. 16.
Hydrocarbons, Manufacture of cyclic. A. L. Foster. 2,387,989; Oct. 30.
Hydrocarbons, Method and apparatus for the conversion of. L. P. Evans. 2,389,493; Nov. 20.
Hydrocarbons, Method and apparatus for the conversion of. C. H. Lechthaler. 2,384,932; Sept. 18.
Hydrocarbons, Modifying aromatic. F. E. Frey and J. P. Jones. 2,373,303; Apr. 10.
Hydrocarbons, Nitrilation of. J. W. Teter. 2,385,741; Sept. 25.
Hydrocarbons, Oxidation of paraffinic. S. Hirsch. 2,391,236; Dec. 18.
Hydrocarbons, Polymerization of. F. E. Frey. 2,377,411; June 5.
Hydrocarbons, Polymerization of conjugated diene. G. L. Browning, Jr. 2,385,190; Sept. 18.
Hydrocarbons, Polymerizing olefinic. W. E. Hanford. 2,373,561; Apr. 10.
Hydrocarbons, Preparation of unsaturated. R. C. Morris and R. J. Moore. 2,370,412; Feb. 27.
Hydrocarbons, Process and catalyst for the conversion of. W. A. Bailey, Jr. 2,377,744; June 5.
Hydrocarbons, Process and reagent for treating. W. A. Schulze and L. C. Morris. 2,386,356; Oct. 9.
Hydrocarbons, Processing of. E. W. M. Fawcett and E. S. Narracott. 2,389,659; Nov. 27.
Hydrocarbons, Processing of. E. W. M. Fawcett and E. S. Narracott. 2,391,775; Dec. 25.
Hydrocarbons, Producing unsaturated chlorinated. W. T. Nichols. 2,369,485; Feb. 13.
Hydrocarbons, Production of. M. Pier, G. Free, and W. v. Fuener. 2,388,008; Oct. 30.
Hydrocarbons, Production of aromatic. D. L. Fuller and B. S. Greensfelder. 2,378,209; June 12.
Hydrocarbons, Production of aromatic. H. H. Meier. 2,375,573; May 8.
Hydrocarbons, Production of gasoline. C. F. Teichmann, A. R. Goldsby, G. A. Kessler, and M. Neuhaus. 2,370,507; Feb. 27.
Hydrocarbons, Production of high-purity aromatic. D. F. Gould. 2,389,041; Nov. 13.
Hydrocarbons, Production of olefinic. H. S. Bloch and R. E. Schaad. 2,389,406; Nov. 20.
Hydrocarbons, Production of valuable. N. K. Chaney. 2,369,281; Feb. 13.
Hydrocarbons, Production of valuable. N. K. Chaney and E. L. Hall. 2,383,772; Aug. 28.
Hydrocarbons, Production of valuable. E. L. Hall. 2,371,616; Mar. 20.
Hydrocarbons, Production of valuable. E. L. Hall. 2,372,197; Mar. 27.
Hydrocarbons, Production of valuable. E. L. Hall and H. G. Terzian. 2,372,198; Mar. 27.
Hydrocarbons, Purification of unsaturated. W. A. Schulze. 2,386,353; Oct. 9.
Hydrocarbons, Reaction of. L. P. Elliott. 2,368,063; Jan. 23.
Hydrocarbons, Recovering. F. E. Frey. 2,382,471; Aug. 14.
Hydrocarbons, Recovery of. L. C. Morris. 2,386,333; Oct. 9.
Hydrocarbons, Recovery of. G. H. Short. 2,386,360; Oct. 9.
Hydrocarbons, Recovery of olefinic. R. C. Morris and T. W. Evans. 2,371,908; Mar. 20.
Hydrocarbons, Recovery of valuable. H. M. Weir. 2,383,174; Aug. 21.
Hydrocarbons, Refining. G. A. Lorenz. 2,368,554; Jan. 30.
Hydrocarbons, Removal of acetylenes from gaseous mixtures of. C. E. Morrell and M. W. Swaney. 2,370,809; Mar. 6.
Hydrocarbons, Separating. C. E. Welling. 2,386,375; Oct. 9.
Hydrocarbons, Separating. C. E. Welling. 2,386,523; Oct. 9.
Hydrocarbons, Separation and purification of. J. A. Patterson. 2,391,102; Dec. 18.
Hydrocarbons, Separation of. T. W. Evans and R. C. Morris. 2,389,144; Nov. 20.
Hydrocarbons, Separation of. J. W. Latchum, Jr. 2,390,720; Dec. 11.
Hydrocarbons, Separation of. A. C. McKinnis. 2,388,429; Nov. 6.
Hydrocarbons, Separation of. L. C. Morris. 2,386,334–5; Oct. 9.
Hydrocarbons, Separation of. J. W. Tooke. 2,367,701; Jan. 23.
Hydrocarbons, Separation of. J. W. Tooke. 2,368,050; Jan. 23.
Hydrocarbons, Separation of. W. J. Sweeney. 2,378,808; June 19.
Hydrocarbons, Solidified normally liquid. A. J. Laliberte. 2,385,361–3; Sept. 25.
Hydrocarbons, Solidified normally liquid. A. J. Laliberte. 2,385,817–18; Oct. 2.
Hydrocarbons, Solidified normally liquid. A. J. Laliberte. 2,386,805; Oct. 16.
Hydrocarbons, Solvent extraction. A. L. Wilson. 2,381,092; Aug. 7.
Hydrocarbons, Stabilization of unsaturated. W. A. Schulze. 2,386,272; Oct. 9.
Hydrocarbons, Treating. D. R. Blumer. 2,389,230; Nov. 20.
Hydrocarbons, Treating. H. E. Drennan and W. A. Schulze. 2,386,300; Oct. 9.
Hydrocarbons, Treating. F. D. Mayfield. 2,371,342; Mar. 13.
Hydrocarbons, Treatment of. R. C. Archibald. 2,370,707; Mar. 6.
Hydrocarbons, Treatment of. J. G. M. Bremner, P. W. Reynolds and A. W. C. Taylor. 2,382,394; Aug. 14.
Hydrocarbons, Treatment of. A. V. Grosse and C. B. Linn. 2,391,415; Dec. 25.
Hydrocarbons, Treatment of. H. L. Hays. 2,378,079; June 12.
Hydrocarbons, Treatment of. W. J. Mattox. 2,383,206; Aug. 21.
Hydrocarbons, Treatment of. J. C. Morrell. 2,375,021; May 1.
Hydrocarbons, Treatment of. D. Read, Jr. 2,384,339; Sept. 4.
Hydrocarbons, Treatment of. R. F. Ruthruff. 2,391,482; Dec. 25.
Hydrocarbons, Treatment of. W. A. Schulze. 2,377,580; June 5.
Hydrocarbons, Treatment of. W. A. Schulze. 2,386,350–2; Oct. 9.
Hydrocarbons, Treatment of. W. A. Schulze and J. C. Hillyer. 2,386,983; Oct. 16.
Hydrocarbons, Treatment of. W. A. Schulze and L. C. Morris. 2,386,357; Oct. 9.
Hydrocarbons, Treatment of. M. Souders, Jr., and R. N. Shiras. 2,366,570; Jan. 2.

Hydrocarbons, Treatment of. P. L. Voltman. 2,374,313; Apr. 24.
Hydrocarbons, Treatment of. W. A. Yarnall. 2,378,057; June 12.
Hydrocarbons, Treatment of aromatic. L. Schmerling and V. N. Ipatieff. 2,369,495; Feb. 13.
Hydrocarbons, Treatment of light. G. G. Oberfell and J. P. Jones. 2,376.078; May 15.
Hydrocarbons using an aluminum halide-hydrocarbon complex catalyst, Isomerizing paraffin. C. W. Nysewander and N. Fragen. 2,375,321; May 8.
Hydrochloride film, Plasticized rubber. La V. E. Cheyney and H. J. Osterhof. 2,385,534; Sept. 25.
Hydroelectric power unit. J. Kalix. 2,366,732; Jan. 9.
Hydrofluosilicic acid and/or fluosilicates, Producing. G. F. Moore. 2,369,791; Feb. 20.
Hydrogen chloride-aluminum chloride hydrocarbon conversion processes. W. A. Proell and F. K. Ovitz. 2,382,814; Aug. 14.
Hydrogen chloride, Synthesizing. A. H. Maude. 2,366,670; Jan. 2.
Hydrogen fluoride, Recovery of. F. E. Frey. 2,388,135; Oct. 30.
Hydrogen fluoride recovery process. W. A. Schulz and W. N. Axe. 2,379,041; June 26.
Hydrogen halide from halogenated hydrocarbons, Splitting-off of. M. Mugdan and D. H. R. Barton. 2,379,372; June 26.
Hydrogen halide, Recovering. B. S. Friedman. 2,386,944; Oct. 16.
Hydrogen halides, Purification of. H. Pines and H. S. Bloch. 2,389,457; Nov. 20.
Hydrogen-nitrogen mixtures, Production of. J. H. Shapleigh. 2,381,696; Aug. 7.
Hydrogen peroxide, Preparation of. A. E. Lacomble. 2,376,257; May 15.
Hydrogen peroxide, Preparing. G. Pfleiderer and H.-J. Riedl. 2,369,912; Feb. 20.
Hydrogen peroxide, Production of. G. A. Cook. 2,368,640; Feb. 6.
Hydrogen sulphide from hydrocarbon liquid, Removing. R. M. Reed. 2,383,416; Aug. 21.
Hydrogenation process. W. J. Kirkpatrick. 2,367,287; Jan. 16.
Hydromechanical power transmission. H. Buthe. 2,385,058–9; Sept. 18.
Hydrometer. E. B. Westlake, Jr. 2,384,664; Sept. 11.
Hydroquinone composition. E. Schwenk and E. E. Henderson. 2,376,884; May 29.
Hydroquinone, Manufacture of. B. B. Gralow. 2,373,887; Apr. 17.
Hydrosol or Irish moss and preparing the same. G. W. Stoyle. 2,375,259; May 8.
Hydrosulphides, Manufacture of sodium. A. P. Julien and G. N. Terziev. 2,376,433; May 22.
Hydrosulphides, Manufacture of sodium. C. L. Koenig. 2,376,434; May 22.
Hydrosulphides, Manufacture of sodium. A. W. Saddington. 2,376,435; May 22.
Hydroxy derivatives of aliphatic acids and new compounds produced thereby, Preparing. H. H. Sobotka and M. I. Rubin. 2,390,335; Dec. 4.
Hydroxy fatty acids, Production of. D. Price and R. Griffith. 2,367,050; Jan. 9.
Hydroxydihydronorpolycyclopentadienes and their preparation. H. A. Bruson. 2,385,788; Oct. 2.
Hydroxydiphenyls, Production of. R. L. Jenkins. 2,368,361; Jan. 30.
Hydroxylammonium salts, Production of. P. F. Tryon. 2,368,072; Jan. 23.
Hydroxylated dehydroabietic acid compounds, Producing. W. P. Campbell. 2,367,000; Jan. 9.
Hydroxytetrahydronorpolycyclopentadienes. H. A. Bruson. 2,374,173; Apr. 24.
Hygrometer. L. McCulloch. 2,381,299; Aug. 7.
Hygroscopic plastics, Drying. R. T. Northcutt and R. T. Northcutt, Jr. 2,391,033; Dec. 18.
Hygroscopic solutions, Concentration of. J. W. Spiselman. 2,367,695; Jan. 23.
Hyperbolic curve plotting apparatus. E. McKaba. 2,385,827; Oct. 2.
Hypochlorite, Producing neutral calcium. H. L. Robson. 2,368,042; Jan. 23.
Hypochlorite Production of hemibasic calcium. H. L. Robson. 2,374,835; May 1.
Ice formation on aircraft, Prevention of. W. D. Jones. 2,372,581; Mar. 27.
Ice gripper. L. A. Priess. 2,366,649; Jan. 2.
Ice maker, Automatic. T. W. Rundell. 2,376,819; May 22.
Ice making apparatus. G. S. Hill. Re. 22,689; Nov. 6.
Ice making apparatus. G. S. Hill. 2,374,997; May 1.
Ice-making machine. W. P. Gruner. 2,387,899; Oct. 30.
Ice, Manufacture of. J. R. MacDonald. 2,387,921; Oct. 30.
Ice pack. J. M. Kearney. 2,378,087; June 12.
Ice prevention means for aircraft. A. Loufek. 2,374,441; Apr. 24.
Ice tray, Ferrous metal. A. L. Bunting and A. C. Schultz. 2,383,589; Aug. 28.
Identification card and making the same, Tamperproof. F. S. Carver. 2,373,540; Apr. 10.
Identification device. V. S. Thomander. 2,390,817; Dec. 11.
Identification means for documents. L. R. Barghausen. 2,374,723; May 1.
Identification of materials. B. W. Collins. 2,390,512; Dec. 11.
Identifier, Star. F. H. Hagner. 2,372,487; Mar. 27.
Identifier, Station. H. A. Wahlstrand. 2,390,672; Dec. 11.
Idler for conveyer belts, Self-aligning. E. E. Landahl. 2,391,249; Dec. 18.
Igniter for grenades and the like. J. W. Edmands. 2,391,823; Dec. 25.
Igniting a torch under water, Means for. M. di Zoppola. 2,383,046; Aug. 21.
Ignition apparatus. H. L. Hartzell. 2,372,490; Mar. 27.
Ignition apparatus. J. R. Frei. 2,377,621; June 5.
Ignition apparatus. C. Messerschmidt. 2,377,353; June 5.
Ignition apparatus. W. J. Spengler. 2,373,981; Apr. 17.
Ignition apparatus, High tension spark. I. J. Hulbert and P. Tatlow. 2,379,004; June 26.
Ignition breaker. H. L. Fuston. 2,384,828; Sept. 18.
Ignition composition. G. F. Rolland. 2,388,368; Nov. 6.
Ignition control. S. M. Udale. 2,383,898; Aug. 28.
Ignition control mechanism. A. V. Alvino. 2,371,016; Mar. 6.
Ignition control, Motor. F. E. Wood. 2,389,103; Nov. 13.
Ignition controlling device for internal-combustion engines. M. H. Elkin. 2,387,891; Oct. 30.
Ignition device. P. L. Bucy. 2,384,438; Sept. 11.
Ignition device. E. Olson and S. M. Udale. 2,384,692; Sept. 11.
Ignition lead, Shielded. F. H. Wetzel. 2,389,705; Nov. 27.
Ignition means. M. C. Sawyer. 2,380,707; July 31.
Ignition switch. E. E. Johnson. 2,378,853; June 19.
Ignition system. W. E. Berkey and R. Lamphere. 2,378,893; June 26.
Ignition system. A. A. Kasarjian. 2,376,362; May 22.
Ignition system. W. I. Linlor. 2,377,793; June 5.
Ignition system. G. H. Marmont. 2,390,842; Dec. 11.
Ignition system. T. F. Robinson, R. T. Coe, and D. F. Welch. 2,376,189; May 15.
Ignition system. S. Ruben. 2,389,638; Nov. 27.
Ignition system. F. D. Williams, Jr. 2,389,639; Nov. 27.
Ignition system and magneto therefor. K. A. Harmon and R. V. Atwood. 2,378,705; June 19.
Ignition system for internal-combustion engines. M. Mallory. 2,381,610; Aug. 7.
Ignition system for internal-combustion engines. W. L. Mayo. 2,383,876; Aug. 28.
Ignition system for pulverized coal burners. E. A. Holden. 2,382,483; Aug. 14.
Ignition system, High frequency. S. Ruben. 2,389,637; Nov. 27.
Ignition system, High frequency. S. Ruben. 2,389,640; Nov. 27.
Ignition timing. H. T. Jarvis. 2,380,967; Aug. 7.
Ignition timing. W. A. Parkins, G. N. Cole, and A. E. Smith. 2,390,166; Dec. 4.
Ignition timing control means for internal-combustion engines. M. Mallory. 2,376,973; May 29.
Ignition timing control means for internal-combustion engines. M. Mallory. 2,381,612; Aug. 7.
Ignition timing system. H. T. Jarvis. 2,373,685; Apr. 17.
Ignition tube timing arrangement. P. L. Spencer. 2,379,462; July 3.
Illuminated motion display. F. Hotchner. 2,371,172; Mar. 13.
Illuminating arrangement. F. G. Back. 2,391,611; Dec. 25.
Illuminating device. L. B. Hall. 2,373,559; Apr. 10.
Illuminating device. W. C. Wagner. 2,387,816; Oct. 30.
Illuminating tube system. C. P. Boucher. 2,366,768; Jan. 9.
Illumination of rooms. L. Schwarzmayr. 2,379,933; July 10.
Illuminator for flashlights, Color. Le R. O. Brown. 2,389,591; Nov. 27.
Ilmenite by two stage flotation process, Recovery of. R. A. Pickens. 2,387,856; Oct. 30.
Image intensification with sulphur dioxide, Latent. N. L. Simmons. 2,368,267; Jan. 30.
Images on metal plates, Making. C. J. Staud. 2,382,674; Aug. 14.
Imine condensation process. L. Orthner, W. Luce, and G. Wagner. 2,390,165; Dec. 4.
Imidazolines. S. Kaplan. 2,374,354; Apr. 24.
Iminopyrazolones and preparing them. H. D. Porter and A. Weissberger. 2,367,523; Jan. 16.
Immersing and centrifugal unit. F. M. Ronci. 2,387,299; Oct. 23.
Immersion apparatus. F. H. Mueller. 2,367,732; Jan. 23.
Immersion apparatus, Automatic. E. C. Weiskopf. 2,386,079; Oct. 2.
Immersion control. B. E. Shaw. 2,376,091; May 15.
Immersion gauge. P. H. Burman. 2,369,335; Feb. 13.
Impact clutch. W. M. Emery. 2,373,664; Apr. 17.
Impact clutch. W. M. Emery. 2,373,666–7; Apr. 17.
Impact tool. J. C. Curtis. 2,385,797; Oct. 2.
Impact wrench. C. E. Fitch. 2,371,982; Mar. 20.
Impacting machine. R. J. S. Carter. 2,378,393; June 19.

Imparting to wool a gloss similar to that of natural silk. H. Phillips, W. R. Middlebrook, and A. E. Higgins. 2,373,974; Apr. 17.
Impedance adjuster. C. A. Segerstrom. 2,367,693; Jan. 23.
Impedance-relay or the like, Loop-type. S. L. Goldsborough. 2,380,164; July 10.
Impeller and closure, Combined. E. A. Mader. 2,383,001; Aug. 21.
Impeller and closure, Combined. E. A. Mader. 2,383,004; Aug. 21.
Impeller and governor for same. E. A. Mader. 2,383,002; Aug. 21.
Impeller, Blower. J. Fullemann. 2,366,251; Jan. 2.
Impeller wheels, Method of and apparatus for making. C. B. De Vlieg. 2,390,994; Dec. 18.
Implement, Agricultural. W. G. Charley. 2,382,001; Aug. 14.
Implement, Agricultural. J. L. Hipple. 2,383,386; Aug. 21.
Implement, Agricultural. A. P. McKay. Re. 22,627; Apr. 3.
Implement, Agricultural. G. H. Miller. 2,383,407; Aug. 21.
Implement, Agricultural. C. W. Mott. 2,381,552; Aug. 7.
Implement construction. L. Heckathorn. 2,380,594; July 31.
Implement construction. R. B. Hitchcock and W. C. Rosenthal. 2,376,539; May 22.
Implement, Cultivating. A. A. Scarlett. 2,371,924; Mar. 20.
Implement for beacons, Servicing. G. F. Stewart. 2,376,290; May 15.
Implement for soil preparation. D. L. Hill. 2,385,441; Sept. 25.
Implement, Fuse handling. N. A. Hemmerling. 2,379,433; July 3.
Implement, Garden. W. W. Keown. 2,376,970; May 29.
Implement, General purpose. D. Ostrander. 2,370,414; Feb. 27.
Implement, Grafting. G. M. Masunaga. 2,368,420; Jan. 30.
Implement hitch. B. C. Kuntz. 2,388,981; Nov. 13.
Implement, Material moving. R. G. Le Tourneau. 2,375,801; May 15.
Implement, Scouring. R. B. Kingman. 2,376,783; May 22.
Implement, Sharpening. E. Probst. 2,370,324; Feb. 27.
Implement, Shaving. I. Jepson. 2,370,542–3; Feb. 27.
Implement, Shaving. I. Jepson and T. C. Whiting. 2,370,544; Feb. 27.
Implement, Tractor-mounted. C. W. Mott. 2,366,281; Jan. 2.
Implement, Tractor propelled. G. W. Mork. Re. 22,662; Aug. 7.
Implement, Writing. H. C. Klagges. 2,390,541; Dec. 11.
Impregnating apparatus. W. P. Abell. 2,372,755; Apr. 3.
Impregnating composition for wood, Fire retarding. G. Jones and W. Juda. 2,386,471; Oct. 9.
Impregnating pressed metal articles. J. H. Lum, 2,376,706; May 22.
Impregnating solutions. B. O. Häger. 2,366,612; Jan. 2.
Impregnation of lime with carbon. A. J. Abrams and L. B. Cook. 2,380,008; July 10.
Impression material. V. V. Vallandigham. 2,390,137; Dec. 4.
Impressions of eyeballs, Taking. H. E. Bessin. 2,370,389; Feb. 27.
Imprinting apparatus. B. T. Bickel. 2,384,807; Sept. 18.
Improved manufacture. J. C. Zimmer and A. J. Morway. 2,383,906; Aug. 28.
Impulse generator. L. A. Kilgore. 2,376,781; May 22.
Impulse generator. R. H. Severance. 2,376,557; May 22.
Impulse sender. H. T. Stenhammer. 2,389,695; Nov. 27.
Impulse sender for use in telephone or like systems. V. Beltrami. 2,368,104; Jan. 30.
Impulse transmitter. R. C. Mathes. 2,381,978; Aug. 14.
Incandescent electric lamp. J. W. Marden and G. Meister. 2,369,591; Feb. 13.
Incendiary missile. W. Nicholas. 2,374,230; Apr. 24.
Incinerator. R. Goder. 2,375,549; May 8.
Incinerator. I. Trevino. 2,387,693; Oct. 23.
Incinerator, Garbage. H. W. Sharpe. 2,384,496; Sept. 11.
Inclinometer. J. L. Chaney and G. D. Hunt. 2,384,453; Sept. 11.
Inclinometer. H. E. Malone. 2,366,346; Jan. 2.
Incubator for premature babies. E. L. Higginbotham. 2,369,396; Feb. 13.
Indene, Polymerization of. F. J. Soday. 2,373,714; Apr. 17.
Indenting machine. R. N. Sandberg. 2,377,377; June 5.
Index equipment and progressively adjustable signaling means for use therein. E. S. Roscoe. 2,370,074; Feb. 20.
Index for thermometers. J. Kahl. 2,370,968; Mar. 6.
Index head. V. V. Long. 2,371,902; Mar. 20.
Index mechanism. E. W. Bullock. 2,386,432; Oct. 9.
Index or record strip, Visible. H. J. Hopkins. 2,385,082; Sept. 18.
Indexing device for home recorders. G. G. Brown. 2,378,510; June 19.

Indexing fixture for machine tools. J. J. Osplack. 2,386,880; Oct. 16.
Indexing means. H. E. Oppenheimer. 2,369,173; Feb. 13.
Indexing means for rotary worktables. H. T. Hallowell, Jr. 2,376,137; May 15.
Indexing mechanism. H. V. Hoffman and V. R. Kaufman. 2,390,649; Dec. 11.
Indexing mechanism. O. Kylin. 2,375,114; May 1.
Indexing mechanism. R. A. Schafer and R. Rodal. 2,380,873; July 31.
Indexing mechanism. C. Weidauer and K. A. Doehm. 2,373,796; Apr. 17.
Indexing mechanism for automatic machines. L. O. Robbins. 2,389,744; Nov. 27.
Indexing mechanism for machine tables. A. M. Johnson. 2,389,668; Nov. 27.
Indexing unit. F. P. Baum. 2,385,396; Sept. 25.
Indicating aircraft flight condition. V. De Samsonow. 2,380,635; July 31.
Indicating and metering system, Liquid-flow. D. W. Turner. 2,370,210; Feb. 27.
Indicating apparatus. A. E. Dodd. 2,379,219; June 26.
Indicating apparatus, Resonance. C. A. Rosencrans. 2,380,791; July 31.
Indicating appliance, Deep hole. E. V. Page. 2,383,272; Aug. 21.
Indicating device. P. R. Heygel. 2,370,165; Feb. 27.
Indicating device. E. A. Korevec. 2,374,439; Apr. 24.
Indicating device. E. Norrman. 2,366,800; Jan. 9.
Indicating device. W. V. Roberts. 2,366,355; Jan. 2.
Indicating device. M. C. Smith. 2,384,653; Sept. 11.
Indicating device responsive to a condition. C. Levy-Savoye. 2,381,826; Aug. 7.
Indicating instrument, Flight level. B. W. H. Cocks. 2,383,468; Aug. 28.
Indicating means for pumps. N. F. Zapf. 2,370,103; Feb. 20.
Indicating mechanism for liquid dispensing devices. D. E. Bench and M. A. Crosby. 2,378,532; June 19.
Indicating signal. H. F. Rempt. 2,379,542; July 3.
Indicating, supervising, or control system, Remote. J. R. Harrington and R. L. Merrill. 2,384,167; Sept. 4.
Indicating system. C. A. Braidwood. 2,374,408; Apr. 24.
Indicating system. B. F. Langer. 2,390,797; Dec. 11.
Indicating system. E. Monori. 2,374,030; Apr. 17.
Indicating system particularly for the measure of angles. J. Ahier and R. Hardy. 2,380,929; Aug. 7.
Indicating system, Remote. H. D. Warshaw. 2,368,278; Jan. 30.
Indicator: *See*—
- Abnormal motor condition indicator.
- Ammunition rounds indicator.
- Angle modulated wave resonance indicator.
- Audible stall indicator.
- Automotive gearshift indicator.
- Center-of-gravity location indicator.
- Combination aerial and turn indicator.
- Compression indicator.
- Dew point indicator.
- Dial indicator.
- Drift indicator.
- Electric switch plug and socket indicator.
- Elapsed time indicator.
- Electricmagnetic wave direction indicator.
- Electric position indicator.
- Electroresponsive indicator.
- Flow indicator.
- Fluid influx indicator.
- Fore-and-aft draft indicator.
- Frequency modulation receiver intensity indicator.
- Gasoline mixture indicator.
- Grade indicator.
- Gyroscopic angular velocity indicator.
- Liquid level indicator.
- Lubrication indicator.
- Mosaic sensitivity indicator.
- Page end indicator.
- Parking indicator.
- Parking time indicator.
- Phase angle indicator.
- Pitot-static air-speed indicator.
- Printing point indicator.
- Rate of climb indicator.
- Rate of turn meter and bank indicator.
- Remote-control speed indicator.
- Revolution indicator.
- Score indicator.
- Selenium rectifier temperature indicator.
- Slip indicator.
- Slow feed indicator.
- Sonant respiration indicator.
- Stall indicator.
- Temperature indicator.
- Tension indicator.
- Totalizing liquid level indicator.
- Tow glider position indicator.
- Trim angle indicator.
- Valve indicator.
- Valve position indicator.
- Vehicle indicator.
- Vehicle turn indicator.
- Visual fluid flow indicator
- Voltage indicator.
- Wind indicator.
- X-ray dosage indicator.

Indicator. G. E. Coxon. 2,368,289; Jan. 30.
Indicator. S. C. Hayward. 2,367,577; Jan. 16.
Indicator. J. B. Malatesta, Jr. 2,382,495; Aug. 14.
Indicator. H. F. Malone. 2,368,313; Jan. 30.
Indicator. C. W. Parisi. 2,379,591; July 3.
Indicator. E. V. Sundt and J. Purcell. 2,388,448–9; Nov. 6.
Indicator and controller, Combined liquid-level. J. Dixon. 2,377,330; June 5.
Indicator and detector for fire extinguishers. P. C. Wharff. 2,378,345; June 12.
Indicator and hood lock, Automobile theft. C. E. Kolias. 2,385,285; Sept. 18.

Indicator and recorder for molten glass, Level. R. E. Holdman. 2,380,436; July 31.
Indicator and system, Aircraft flight. E. Norden, F. Q. Gemmill, and E. J. Isbister. 2,384,484; Sept. 11.
Indicator device. P. S. de Beaumont. 2,390,643; Dec. 11.
Indicator drive for reciprocating engines. K. Froehlich. 2,381,273; Aug. 7.
Indicator for conduits. D. U. Mauldin. 2,371,251; Mar. 13.
Indicator for control means. H. C. Grant, Jr. 2,367,674; Jan. 23.
Indicator for cutoff knives, Sheet length. T. S. Fitchett. 2,376,763; May 22.
Indicator for drilling mud, Specific gravity. J. B. Warren, Jr. 2,373,795; Apr. 17.
Indicator for dust suction pipes, Sweeping. D. B. Replogle. 2,373,915; Apr. 17.
Indicator for engine pistons, Positioning. F. H. Andrus. 2,386,179; Oct. 9.
Indicator for magnetic fields. L. F. Beach. 2,383,459; Aug. 28.
Indicator for remote control deck sockets, Universal. E. L. Hadden. 2,379,517; July 3.
Indicator for suction cleaning devices, Dust flow. D. B. Replogle. 2,373,916; Apr. 17.
Indicator for tools, Micrometer. J. A. Fillery. 2,386,671; Oct. 9.
Indicator for variable propellers. V. A. Hoover and T. Barish. 2,370,167; Feb. 27.
Indicator, such as may be used as tuning scales for radio receivers, Graduated scale. C. S. Cockerell. 2,373,168; Apr. 10.
Indicator system, Vacuum gauge. I. E. Grosdoff. 2,383,600; Aug. 28.
Indicia and method of applying. R. J. Leander. 2,381,605; Aug. 7.
Indicia to explosive shells, cartridge cases and the like, Method and apparatus for applying. J. H. Payne. 2,369,073; Feb. 6.
Indium, Recovery of. H. M. Doran, M. A. Jackson, and A. I. Alf. 2,384,610; Sept. 11.
Indium, Recovery of. M. F. W. Heberlein. 2,378,848; June 19.
Inductance tuning, Variable. D. E. Foster. 2,375,911; May 15.
Induction heating. W. Richter. 2,371,066; Mar. 6.
Induction heating coil. R. M. Baker, H. G. Frostick and C. C. Whittaker. 2,381,246; Aug. 7.
Induction regulator. G. P. Lessmann and L. G. Tubbs. 2,372,096; Mar. 20.
Induction system for internal-combustion engines. M. Ciecierski, Jr. 2,375,080; May 1.
Inductive device. H. J. McCreary. 2,381,763; Aug. 7.
Inductive device, Variable. R. H. Ricker. 2,379,457; July 3.
Inductor apparatus. H. A. Strickland, Jr. 2,381,143; Aug. 7.
Inductor, Variable. A. P. Bock. 2,367,922; Jan. 23.
Industrial brake. S. Schnell. 2,384,346; Sept. 4.
Industrial furnace. K. W. Stookey. 2,379,196; June 26.
Infant carrier. L. Chamberlain. 2,376,657; May 22.
Infant's folding toilet seat. W. C. Baxter. 2,382,953; Aug. 21.
Infant's toilet seat. R. C. Lewis. 2,388,856; Nov. 13.
Infeed control for worm gear hobbing machines. G. Davenport. 2,374,258; Apr. 24.
Inflatable articles, Sealing. A. H. Crandall. 2,371,029; Mar. 6.
Inflatable boat bottom. J. G. Kreyer. 2,367,835; Jan. 23.
Inflammable gases, Treating. F. J. Kurth. 2,389,059; Nov. 13.
Inflation unit for inflatable flotation devices. J. A. Honegger and A. W. Keeshan. 2,378,294; June 26.
Infusion package manufacture. L. Barnett. 2,390,071; Dec. 4.
Infusions, Process and apparatus for making. M. H. Graham. 2,385,132; Sept. 18.
Ingots, Casting. L. B. Lindemuth. 2,373,036; Apr. 3.
Ingot, Casting. A. R. Rowe. 2,366,289; Jan. 2.
Inhaler. J. A. La Bille. 2,380,182; July 10.
Inhaler. J. A. La Bille. 2,387,917; Oct. 30.
Inhibiting cracking of polymeric bodies. W. O. Baker. 2,373,093; Apr. 10.
Inhibiting deterioration of organic compounds. B. H. Lincoln. 2,370,552; Feb. 27.
Inhibiting hydrochloric acid against corrosiveness to ferrous metals. T. B. McCulloch. 2,380,254; July 10.
Inhibition, Pipe line corrosion. A. Wachter and R. S. Treseder. 2,385,175; Sept. 18.
Inhibitors, Manufacture of. C. D. Lowry, Jr. 2,387,920; Oct. 30.
Inhibitors, Pickling. W. H. Hill. 2,384,467; Sept. 11.
Initiator, Electric blasting. S. L. Handforth and C. R. Johnson. 2,376,427; May 22.
Initiator, Polymerization. C. F. Fryling. 2,378,694; June 19.
Initiator, Polymerization. W. D. Stewart. 2,381,702; Aug. 7.
Injection molding machines. H. W. Shaver. 2,367,144; Jan. 9.
Injection valve spark plug. L. Beeh. 2,391,220; Dec. 18.
Injector. R. H. Hanlon and F. B. Farnsworth. 2,381,216; Aug. 7.
Injector. J. B. Hopper. 2,386,465; Oct. 9.
Injector. H. E. F. C. Lingenbrink. 2,369,151; Feb. 13.
Injector. A. Williams and E. Henkel. 2,389,656; Nov. 27.
Injector for conduits. L. Klingen. 2,386,122; Oct. 2.
Injector operating means. O. E. Watson. 2,389,475; Nov. 20.
Injector, Steam. R. D. and J. C. Metcalfe. 2,386,971; Oct. 16.
Injection press. W. R. Tucker. 2,380,882; July 31.
Injector, Fuel. F. Buck. 2,381,423; Aug. 7.
Injector, Fuel. H. F. Haines. 2,379,399; June 26.
Injector, Hypodermic. M. L. Lockhart. 2,380,534; July 31.
Injector, Hypodermic. E. D. Watson and R. A. L. Edmonds. 2,371,086; Mar. 6.
Injector, Plant root. H. Kennison. 2,379,160; June 26.
Injector-timer for internal-combustion engines. E. Silber. 2,381,623; Aug. 7.
Injector valve. A. D. Williams. 2,376,565; May 22.
Injector, Variable stroke fuel. F. R. Wallace and H. O. Hedges. 2,370,383; Feb. 27.
Ink. B. L. Kline. 2,375,230; May 8.
Ink applying means for printing presses. C. S. Crafts. 2,377,482; June 5.
Ink compositions. I. C. Clare. 2,379,950; July 10.
Ink compositions, Printing. G. F. Hogg. 2,367,581; Jan. 16.
Ink containing zein, Printing. J. W. Kroeger and H. F. O'Connor. 2,366,970; Jan. 9.
Ink distributing mechanism. W. F. Huck. 2,383,970; Sept. 4.
Ink, Etching. D. L. Vande Bunte. 2,377,593; June 5.
Ink fountain. A. Dager. 2,378,690; June 19.
Ink fountain and liner therefor. R. C. Sandman. 2,382,103; Aug. 14.
Ink, Hectograph printing. N. S. Knaggs. 2,382,796; Aug. 14.
Ink pad and spreader assembly. J. A. Dondero. 2,388,729; Nov. 13.
Ink, Printing. C. A. Carlton. 2,384,236; Sept. 4.
Ink, Printing. E. F. Carman and W. Reil. 2,385,793; Oct. 2.
Ink, Printing. C. E. Irion. 2,381,753; Aug. 7.
Ink, printing, and article for use therewith, Printing. J. G. Curado. 2,382,861; Aug. 14.
Inkstand. M. S. Pollock. 2,386,406; Oct. 9.
Inkstand. G. J. Sengbusch. 2,369,496; Feb. 13.
Inkstand. G. J. Sengbusch. 2,390,667; Dec. 11.
Inkwell. J. F. Madigan. 2,378,312; June 12.
Inker mechanism. J. Kunz. 2,387,332; Oct. 23.
Inking device for aniline clor printing. V. E. Heywood and D. A. McRae. 2,374,096; Apr. 17.
Inking mechanism. T. E. Piazze. 2,376,620; May 22.
Inking mechanism for duplicating machines. A. E. Goodwin. 2,387,390; Oct. 23.
Inking mechanism for printing machines. W. F. Huck. 2,378,926; June 26.
Inking mechanism for printing presses. C. F. Root. 2,377,269; May 29.
Inking mechanism for rotary printing presses. H. M. Barber. 2,377,662–3; June 5.
Inking pad. C. C. Harris. 2,374,198; Apr. 24.
Inks. A. B. Davis. 2,385,613; Sept. 25.
Inks and vehicles therefor, Heat drying printing. C. A. Rietz and F. J. Jeuck. 2,390,390; Dec. 4.
Inks and vehicles therefor, Printing. C. A. Rietz and F. J. Jeuck. 2,390,123; Dec. 4.
Inks, Printing. J. W. Kroeger and D. J. O'Connor, Jr. 2,389,371; Nov. 20.
Inks, Printing. F. J. Jeuck and C. A. Rietz. 2,390,102; Dec. 4.
Innersole. F. L. Ayers. 2,368,439; Jan. 30.
Innersole. F. L. Ayers. 2,387,710; Oct. 30.
Inner sole and making the same. F. L. Ayers. 2,391,217; Dec. 18.
Inorganic by-products from waste pulp liquor, Method and apparatus for recovering. E. G. Goodell. 2,391,566; Dec. 25.
Input system for radio receivers, Loop. G. L. Beers. 2,383,286; Aug. 21.
Insect catching machine. D. C. Williams. 2,374,150; Apr. 17.
Insect killer. O. W. Stone. 2,373,428; Apr. 10.
Insect repellent. S. D. Shinkle. 2,381,082; Aug. 7.
Insect-repellent composition. S. A. Hall, V. Travis, and H. A. Jones. 2,390,249; Dec. 4.
Insect trap. F. D. Kendrick. 2,384,930; Sept. 18.
Insecticidal and fungicidal materials. G. H. Coleman and G. A. Griess. 2,369,137; Feb. 13.
Insecticidal composition. F. M. Thompson, Jr. 2,367,155; Jan. 9.
Insecticidal compositions. G. H. Coleman, W. D. Schroeder, and G. A. Griess. 2,386,779; Oct. 16.
Insecticidal compositions. A. W. Ralston, J. P. Barrett, and M. R. McCorkle. 2,383,564; Aug. 28.
Insecticidal compositions. W. E. Craig and W. F. Hester. 2,383,775; Aug. 28.
Insecticidal mixture. R. J. Geary. 2,383,304; Aug. 21.
Insecticidal treatment of cotton plants. H. A. Waters and C. Meadows. 2,376,740; May 22.
Insecticide. H. J. Diem. 2,388,393; Nov. 6.
Insecticide. T. W. Evans and P. H. Williams. 2,379,223; June 26.

Insecticide. S. I. Gertler and H. L. J. Haller. 2,374,479; Apr. 24.
Insecticide. S. I. Gertler and H. L. J. Haller. 2,388,684; Nov. 13.
Insecticide. M. T. Harvey. 2,368,709; Feb. 6.
Insecticide. E. Harvill. 2,368,357; Jan. 30.
Insecticide. S. Marcovitch. 2,377,798; June 5.
Insecticide. M. Merlub-Sobel. 2,386,492; Oct. 9.
Insecticide. H. J. Reynolds. 2,369,855; Feb. 20.
Insecticide and making same. T. C. Allen and H. H. Harris. 2,390,911; Dec. 11.
Insecticide composition. C. J. Boissonou. 2,369,429; Feb. 13.
Insecticide composition. G. E. Lynn and F. W. Fletcher. 2,378,310; June 12.
Insecticide compound and dispensing an insecticide. F. L. Campbell and W. C. Fernelius. 2,381,257; Aug. 7.
Insecticides. L. H. Flett. 2,375,095; May 1.
Insecticides. K. Pfaff, M. Erlenbach, W. Finkenbrink, H. Maier-Bode, K. Meisenburg, and M. Meisenheimer. 2,375,382; May 8.
Insecticides. G. H. Law and J. H. Purse. 2,390,597; Dec. 11.
Insecticides and using. W. A. Knapp. 2,385,284; Sept. 18.
Insecticides, Distributing. W. R. McLain, F. V. Miller, and E. H. Green. 2,385,636; Sept. 25.
Insert assembling tool. E. Eckener. 2,390,524; Dec. 11.
Insert for sucker rod elevators. A. H. Neilson. 2,384,331; Sept. 4.
Inserted tooth milling cutter. R. D. Grayson. 2,378,215; June 12.
Inserting tool for tangless inserts. E. M. Lang. 2,390,545; Dec. 11.
Inside diameter measuring and indicator gauge. J. C. and J. F. Nilsson. 2,385,157; Sept. 18.
Insignia positioning device. H. M. Evans. 2,387,986; Oct. 30.
Insole and sewing rib for attachment thereto, Welt. W. C. Wright. 2,389,114; Nov. 13.
Insole, Cushion cupped-heel. H. G. Lumbard. 2,379,366; June 26.
Insole-insert combination. M. Margolin. 2,384,481; Sept. 11.
Inspecting machine, Article. G. Dorothea. 2,383,297; Aug. 21.
Inspection and layout apparatus. J. H. Hogan, C. J. Kettler, F. H. Judkins, and T. W. Hall. 2,372,494; Mar. 27.
Inspection apparatus, Glass. L. I. Louviaux. 2,388,789; Nov. 13.
Inspection device. K. J. Yost. 2,387,697; Oct. 23.
Inspection lamp. R. H. Tontrup. 2,377,056; May 29.
Inspection light. G. Ellis. 2,388,474; Nov. 6.
Inspection machine. R. C. Timm and J. Rothfuss. 2,390,012; Nov. 27.
Inspection table. J. A. Miller. 2,385,321; Sept. 18.
Inspiration for gas burners. A. E. Moxley. 2,388,930; Nov. 13.
Instrument assembly. J. Berge. 2,368,105; Jan. 30.
Instrument, Astronomical. J. A. Millar. Re. 22,670; Aug. 28.
Instrument for eye and plastic surgery, Surgical stitching. J. D. Karle. 2,370,545; Feb. 27.
Instrument for grinding and polishing diamonds. J. Rosner. 2,383,619; Aug. 28.
Instrument for indicating pressures suited to various speeds. A. C. Staley. 2,389,281; Nov. 20.
Instrument for locating and spacing bored holes. S. R. Boyer. 2,384,071; Sept. 4.
Instrument for setting position of a tool for the grinding thereof. W. J. Clements. 2,372,552; Mar. 27.
Instrument for testing grounding resistance. G. V. Morris and R. Adler. 2,375,022; May 1.
Instrument for testing water outlets, Testing. A. V. Sammis. 2,372,606; Mar. 27.
Instrument, Indicating. C. R. Gulbransen. 2,381,494; Aug. 7.
Instrument, Illuminated. T. W. Flynn. 2,367,858; Jan. 23.
Instrument, Observation. T. L. Thurlow. 2,384,507; Sept. 11.
Instrument, Plotting. T. P. Flynn and A. J. Kramer. 2,380,103; July 10.
Instrument release. R. C. Pryor. 2,366,982; Jan. 9.
Instrument sharpener, Dental. J. T. Mudler. 2,380,988; Aug. 7.
Instrument, Stringed. J. W. McBride. 2,368,257; Jan. 30.
Instrument, Stringed musical. J. W. McBride. 2,368,256; Jan. 30.
Insulated conductors or other coated bodies, Manufacture of. J. Veit. 2,366,944; Jan. 9.
Insulated contact socket. W. C. MacFadden. 2,367,512; Jan. 16.
Insulated electric conductor. A. O. Ryan. 2,381,003; Aug. 7.
Insulated electrical conductor terminal structure. J. H. Nicholas. 2,373,843; Apr. 17.
Insulated record container. E. H. Mosler and H. H. Lynn. 2,387,172; Oct. 16.
Insulated structure. I. E. Shaer. 2,376,728; May 22.
Insulating composition, Machinable. A. J. Monack. 2,391,376; Dec. 18.
Insulating electrical apparatus. M. Omansky. 2,385,460; Sept. 25.
Insulating layer, Flexible electrical. P. Robinson. 2,386,634; Oct. 9.
Insulating material and making the same. E. G. King. 2,373,401; Apr. 10.
Insulating oil compositions. C. E. Trautman. 2,369,090; Feb. 6.
Insulating products, Manufacture of. H. C. Brown, Jr., and B. R. Abbott. 2,367,093; Jan. 9.
Insulating shape and manufacture, High temperature. H. A. Kieselbach and E. R. Williams. 2,388,549; Nov. 6.
Insulating sheath on electrical conductor strands. J. N. Selvig. 2,379,756; July 3.
Insulating structure. R. R. Machlett and J. W. Skehan. 2,376,439; May 22.
Insulation. A. B. Richards and H. S. Atherton. 2,391,515; Dec. 25.
Insulation blanket retainer. G. E. Moore. 2,367,790; Jan. 23.
Insulation clip. E. Gambo. 2,382,474; Aug. 14.
Insulation cutting tool. J. N. Rollings. 2,386,328; Oct. 9.
Insulation, Electrical. J. N. Borglin. 2,373,996; Apr. 17.
Insulation, Electrical. L. McCulloch. 2,389,379; Nov. 20.
Insulation for electrical conductors, Inorganic. H. F. Fruth, W. O. Haas, Jr., and E. G. Walters. 2,384,542; Sept. 11.
Insulation material made from fibrous substances, Thermal. W. Garner. 2,381,214; Aug. 7.
Insulation material, Making cellular asphaltic. A. Holmes. 2,387,514; Oct. 23.
Insulation materials, Production of. C. I. Haney and M. E. Martin. 2,367,275; Jan. 16.
Insulation slitting tool. C. V. Lundeen. 2,391,721; Dec. 25.
Insulation test set. R. M. Edmonds. 2,367,013; Jan. 9.
Insulator. M. D. Mathews. 2,381,676; Aug. 7.
Insulator, Bushing. V. Havlicek. 2,366,258; Jan. 2.
Insulator, Electric. J. J. Torok. 2,383,090; Aug. 21.
Insulator, Suspension. A. H. Tracy. 2,387,480; Oct. 23.
Insulator, Vitreous. A. L. C. Delloye. 2,371,880; Mar. 20.
Intaglio printing. H. C. Alger. 2,373,087; Apr. 10.
Intaglio printing press. C. S. Crafts. 2,371,223; Mar. 13.
Intaglio printing press. A. E. Lundbye. 2,377,089; May 29.
Integrator. M. J. Zucrow. 2,376,108; May 15.
Intelligence transmission system. E. M. Deloraine and L. A. de Rosa. 2,369,662; Feb. 20.
Intensification of the image of diazotype light sensitive layers on a transparent base. M. K. Reichel. 2,381,984; Aug. 14.
Intercepting apparatus. G. V. Woodling. 2,388,589; Nov. 6.
Intercommunication system. R. H. Herrick. 2,385,515; Sept. 25.
Intercommunication system. A. L. W. Williams. 2,383,832; Aug. 28.
Interconnector, Fluid system. P. J. Gordineer and G. J. McInnis. 2,375,914; May 15.
Interferometer. G. L. Dimmick. 2,381,728; Aug. 7.
Interface modifier. L. W. Mixon. 2,375,315; May 8.
Interlacing needle loom. E. Lundgren. 2,377,564; June 5.
Interlayers in multilayer film, Sensitive. M. W. Seymour. 2,391,198; Dec. 18.
Interlock. O. A. Kuhler. 2,367,409; Jan. 16.
Interlock. W. F. Regenhardt. 2,375,438; May 8.
Interlock. W. F. Regenhardt. 2,386,343; Oct. 9.
Interlock, Automatic. E. S. Russey. 2,366,655; Jan. 2.
Interlock, Mechanical. G. C. Armstrong. 2,381,243; Aug. 7.
Interlocking clip. W. F. Regenhardt. 2,388,572; Nov. 6.
Interlocking container. W. O. Fisler. 2,374,005; Apr. 17.
Interlocking control apparatus. R. A. McCann. 2,387,853; Oct. 30.
Interlocking sealing device. W. M. McKnight. 2,367,882; Jan. 23.
Interlocking system. F. G. da Roza and F. E. Hill. 2,382,611; Aug. 14.
Intermediates for the production of vitamin B_6 and preparing the same. E. T. Stiller. 2,372,690; Apr. 3.
Intermediates for the synthesis of riboflavin and producing such intermediates. M. Tishler and J. W. Wellman. 2,370,093; Feb. 20.
Intermitter, Flow. A. Boynton. 2,372,656; Apr. 3.
Internal-combustion engine. T. R. Arden. 2,375,183; May 8.
Internal-combustion engine. F. M. Aspin. 2,387,973; Oct. 30.
Internal-combustion engine. J. E. Blanding. 2,368,444; Jan. 30.
Internal-combustion engine. I. D. Campbell. 2,372,472; Mar. 27.
Internal-combustion engine. E. E. Christopher. 2,366,595; Jan. 2.
Internal-combustion engine. W. H. Cords. 2,368,412; Jan. 30.
Internal-combustion engine. C. G. Curtis. 2,376,233; May 15.
Internal-combustion engine. J. Dusevoir. 2,382,006; Aug. 14.

Internal-combustion engine. G. R. Ericson. 2,368,012; Jan. 23.
Internal-combustion engine. G. R. Ericson. 2,373,302; Apr. 10.
Internal-combustion engine. G. R. Ericson. 2,379,288; June 26.
Internal-combustion engine. G. R. Ericson. 2,379,849; July 3.
Internal-combustion engine. A. Feroy. 2,370,456; Feb. 27.
Internal-combustion engine. C. S. Goby. 2,380,163; July 10.
Internal-combustion engine. W. B. Goodman. 2,366,852; Jan. 9.
Internal-combustion engine. A. G. Harris. 2,387,728; Oct. 30.
Internal-combustion engine. F. C. Hawkins. 2,383,648; Aug. 28.
Internal combustion engine. R. M. Heintz. 2,386,607; Oct. 9.
Internal-combustion engine. E. G. Huber. 2,371,297; Mar. 13.
Internal-combustion engine. L. N. Johnson. 2,369,738; Feb. 20.
Internal-combustion engine. C. L. Kinder. 2,384,422; Sept. 4.
Internal-combustion engine. L. Langhaar. 2,377,248; May 29.
Internal-combustion engine. C. A. Lindeman, Jr. 2,368,933; Feb. 6.
Internal-combustion engine. M. Mallory. 2,391,176; Dec. 18.
Internal-combustion engine. A. P. Mansoff. 2,381,832; Aug. 7.
Internal-combustion engine. R. H. Masters. 2,390,723; Dec. 11.
Internal-combustion engine. J. M. Murdock. 2,380,778; July 31.
Internal-combustion engine. A. C. Nesfield. 2,369,245; Feb. 13.
Internal-combustion engine. E. Norrbom. 2,374,773; May 1.
Internal-combustion engine. E. H. O'Brien. 2,371,911; Mar. 20.
Internal-combustion engine. A. E. Osborn. 2,383,883; Aug. 28.
Internal-combustion engine. R. Pateras Pescara. 2,380,066; July 10.
Internal-combustion engine. C. R. Paton. 2,374,305; Apr. 24.
Internal-combustion engine. C. R. Paton. 2,387,344; Oct. 23.
Internal-combustion engine. S. C. Raybon. 2,390,960; Dec. 11.
Internal-combustion engine. H. E. Reiter. 2,387,467; Oct. 23.
Internal-combustion engine. E. T. Rodgers. 2,374,380; Apr. 24.
Internal-combustion engine. C. R. Rogers. 2,366,288; Jan. 2.
Internal-combustion engine. A. M. Rossman. 2,374,460; Apr. 24.
Internal-combustion engine. H. Ruppe. 2,374,959; May 1.
Internal-combustion engine. M. J. Scanlon. 2,384,401; Sept. 4.
Internal-combustion engine. J. J. Shore. 2,367,894; Jan. 23.
Internal-combustion engine. H. G. Smith. 2,390,279; Dec. 4.
Internal-combustion engine. T. O. Strauss. 2,377,459; June 5.
Internal-combustion engine. R. E. Taylor. 2,377,591; June 5.
Internal-combustion engine. W. W. Tompkins. 2,373,924; Apr. 17.
Internal-combustion engine. J. D. Tucker. 2,379,119; June 26.
Internal-combustion engine. J. G. Vincent. 2,378,452; June 19.
Internal-combustion engine. B. T. Wagers. 2,371,005; Mar. 6.
Internal-combustion engine. F. Weinreb. 2,382,362; Aug. 14.
Internal-combustion engine. J. F. Woods. 2,383,432; Aug. 21.
Internal-combustion engine. T. B. Woolley. 2,387,707; Oct. 23.
Internal combustion engine. E. Workman. 2,370,902; Mar. 6.
Internal-combustion engine charge-forming apparatus. R. M. Anderson. 2,380,374; July 31.
Internal-combustion engine and combustion mixture therefor. H. R. Fehling. 2,376,479; May 22.
Internal-combustion engine and rotary valve therefor. A. Etessam and G. A. Davies. 2,379,344; June 26.
Internal-combustion engine exhaust. E. V. Rippingville. 2,370,259; Feb. 27.
Internal-combustion engine of oscillating piston type. M. M. Blufston. 2,366,996; Jan. 9.
Internal combustion engine piston. J. Weir. 2,372,993; Apr. 3.
Internal combustion engine, Two-stroke cycle. E. M. Fisk. 2,391,402; Dec. 25.
Internal-combustion engines, Auxiliary fuel supply for. C. Young. 2,390,979; Dec. 11.
Internal-combustion engines, Inlet and exhaust connections for. C. G. Barrett. 2,390,913; Dec. 11.
Internal-combustion motor. A. Lysholm. 2,383,979; Sept. 4.
Internal-combustion motor. S. J. Pover. 2,366,213; Jan. 2.
Internal-combustion pressure generator. N. Birge. 2,379,212; June 26.
Internal-combustion rotary motor. H. Mossbach. 2,389,632; Nov. 27.
Internal combustion system. W. S. Adams. 2,383,836; Aug. 28.
Internal cutting device. J. D. Fenner. 2,372,626; Mar. 27.
Internal screw thread lapping machine. A. M. Drake. 2,379,693; July 3.
Internal shoe drum brake. L. C. Chouings. 2,374,651; May 1.
Interpolymer of an isoolefin and a non-conjugated diolefin, Solid. W. J. Sparks and R. M. Thomas. 2,384,975; Sept. 18.
Interpolymers of ethylene with vinyl esters and products therefrom. J. R. Roland, Jr. 2,386,347; Oct. 9.
Interpolymers of isobutylene with vinyl methacrylate and their preparation. D. W. Huebner and J. E. Fearey. 2,391,162; Dec. 18.
Interpolymerization products. H. Gudgeon and R. Hill. 2,382,629; Aug. 14.
Interpolymerization products of vinyl chloride and di-esters of itaconic acid. G. F. D'Alelio. 2,378,194; June 12.
Interpolymers of asymmetrical dichloroethylene. H. W. Arnold and G. L. Dorough. 2,380,009; July 10.
Interpolymers of vinylidene halides and 1,3-dienes and producing the same. M. A. Youker. 2,380,356; July 10.
Interpreting device. J. M. Lande. 2,385,452; Sept. 25.
Interrupter for change-speed transmissions, Power train. O. H. Banker. 2,378,385; June 19.
Interrupter switch. G. E. Heberlein and F. L. Kradel. 2,383,795; Aug. 28.
Intervalometer. H. R. Habig. 2,388,686; Nov. 13.
Intervalometer. W. T. Van Horn. 2,370,213; Feb. 27.
Invalid transfer device. M. M. Farmer. 2,375,907–8; May 15.
Inverter, Phase. H. W. Berry. 2,390,824; Dec. 11.
Iodine compositions and producing the same, Solid. P. J. Witte. 2,385,394; Sept. 25.
Iodine in animal and poultry feeds, Stabilization of. C. W. Whitmoyer and W. J. Moore. 2,382,193; Aug. 14.
Ion exchange products and their preparation. R. Riley and F. C. Nachod. 2,382,334; Aug. 14.
Ionic exchange operations. F. N. Rawlings and L. De Geofroy. 2,366,650; Jan. 2.
Ionic exchangers, Regeneration of. F. N. Rawlings. 2,366,651; Jan. 2.
Ionization chamber. S. A. Scherbatskoy. 2,376,196; May 15.
Irish moss, Purification of. N. Blihovde. 2,382,286; Aug. 14.
Iron: *See*—
Combination steaming and pressing iron.
Electric iron.
Electric steam iron.
Folding iron.
Gas heated sadiron.
Heat-resisting cast iron.
Malleable iron.
Pressing iron.
Soldering iron.
Steam iron.
Waffle iron.
Iron and iron alloy powders. J. Wulff. 2,381,022; Aug. 7.
Iron and steel, Manufacture of. J. J. Bowden and J. S. Suda. 2,375,520; May 8.
Iron and steel, Polishing stainless. I. C. Clingan. 2,379,066; June 26.
Iron articles, Making sintered powdered. A. L. Boegehold and R. H. Terry. 2,382,601; Aug. 14.
Ironing board. V. Rasmussen. 2,386,139; Oct. 2.
Iron casting. R. L. Wilson. 2,370,279; Feb. 27.
Iron castings, Producing cast. O. Smalley and H. A. Reece. 2,371,654; Mar. 20.
Iron carbonyl, Production of. A. E. Wallis and S. C. Townshend. 2,378,053; June 12.
Iron from pickle liquor or solutions containing iron salts, Extraction of. S. F. Urban. 2,366,298; Jan. 2.
Iron from zinc salts, Removing. M. C. Waddell. 2,369,270; Feb. 13.
Iron, Making sponge. E. A. Stewart. 2,386,072; Oct. 2.
Iron or steel, Treatment of. H. T. Chandler. 2,370,289; Feb. 27.
Iron ores and enhancement of gases, Reduction of. A. T. Cape, H. A. Brassert, and L. H. Thomas. 2,379,423; July 3.
Iron ores, Flotation of. E. C. Herkenhoff. 2,387,081; Oct. 16.
Iron ores, Flotation of. E. C. Herkenhoff. 2,389,727; Nov. 27.
Iron ores, Method of and apparatus for direct reduction of. A. T. Cape, C. V. Foerster and H. L. Griswold. 2,382,395; Aug. 14.
Iron oxide and other oxide ores, Process and apparatus for roasting and reducing. W. G. Clark. 2,387,882; Oct. 30.
Iron oxide, Making. C. A. Mann. 2,391,723; Dec. 25.
Iron oxide, Production of. T. C. Oliver, R. D. Long and L. H. Crosson. 2,374,454; Apr. 24.

Iron powder and process, High density compressible. J. E. Drapeau, Jr. 2,381,440; Aug. 7.
Iron powder from cheap source material, Producing. J. Wulff. 2,381,024; Aug. 7.
Iron powder, Production of. E. Mehl. 2,389,734; Nov. 27.
Iron, Production of low sulphur sponge. R. C. Buehl. 2,380,406; July 31.
Ironer, Flat work. W. O. Manley. 2,375,426; May 8.
Ironer, Flatwork. H. D. Forse. 2,368,652; Feb. 6.
Ironing apparatus. C. J. Davies. 2,388,392; Nov. 6.
Ironing board cover. H. E. Sunbury. 2,382,830; Aug. 14.
Ironing device. E. E. Foster. 2,369,732; Feb. 20.
Ironing machine. K. Clark. 2,379,788; July 3.
Ironing machine. A. Gerhard. Re. 22,616; Mar. 13.
Ironing machine. H. M. Rumbaugh. 2,368,946; Feb. 6.
Ironing table. G. O. Miller. 2,376,165; May 15.
Irradiation process and means. G. Sperti. 2,384,203; Sept. 4.
Irrigating speculum. P. P. Grosso. 2,370,459; Feb. 27.
Irrigation appliance. E. A. Markham. 2,375,860; May 15.
Isoalloxazine derivatives, Manufacture of. F. Bergel, A. Cohen and J. W. Haworth. 2,374,661; May 1.
Isobutylene, Production of. L. N. Leum and F. G. Ciapetta. 2,390,951; Dec. 11.
Isocyanates, Organic. E. Burgoine, B. Collie, and R. G. A. New. 2,379,948; July 10.
Isocytosine, Producing. E. T. Tisza, B. F. Duesel, and W. Oroshnik. 2,376,637; May 22.
Isolator, Fibration. L. Wallerstein, Jr. 2,376,317; May 15.
Isomerization. R. E. Burk and H. P. Lankelma. 2,381,434; Aug. 7.
Isomerization. N. Fragen. 2,386,784; Oct. 16.
Isomerization. A. W. Francis and W. H. James. 2,389,250; Nov. 20.
Isomerization of paraffins. C. G. Dryer. 2,391,399; Dec. 25.
Isomerization of saturated hydrocarbons. J. O. Iverson. 2,390,883; Dec. 11.
Isomerization process. W. N. Axe. 2,370,118; Feb. 27.
Isomerization process. S. C. Carney. 2,378,685; June 19.
Isomerization process. E. W. M. Fawcett and E. S. Narracott. 2,389,660; Nov. 27.
Isomerization process. C. S. Lynch. 2,383,608; Aug. 28.
Isomerization process. S. F. Perry. 2,391,189; Dec. 18.
Isomerization process, Continuous. H. J. Ogorzaly. 2,388,932; Nov. 13.
Isomerization process, Novel. F. H. Blanding. 2,383,586; Aug. 28.
Isomerization reactions, Carrying out. W. J. Sweeney; 2,387,541; Oct. 23.
Isoolefins and vinyl halides and preparing the same, Copolymerizates of. A. H. Gleason. 2,379,292; June 26.
Isoparaffins, Alkylation of. V. N. Ipatieff and C. B. Linn. 2,366,731; Jan. 9.
Isoparaffins, Alkylation of. C. B. Linn and V. N. Ipatieff. 2,366,736; Jan. 9.
Isoparaffins, Alkylation of. R. J. Newman. 2,375,867; May 15.
Isoparaffins, Production of. L. O. Crockett and L. U. Franklin. 2,366,699; Jan. 9.
Isoprene from hydrocarbon mixtures comprising same and piperylene, Recovery of. S. C. Stowe. 2,381,409; Aug. 7.
Isoprene, Producing. C. H. Bibb. 2,386,537; Oct. 9.
Isoquinoline, Separation of. F. E. Reimers. 2,391,270; Dec. 18.
Isostatic balancing. A. L. M. A. Rouy. 2,376,277; May 15.

Itaconic acid, Production of. J. H. Kane, A. C. Finlay, and P. F. Amann. 2,385,283; Sept. 18.

Jack: *See*—
- Airplane jack.
- Automobile jack.
- Automatic locking jack.
- Ceiling jack.
- Electrical jack.
- Form-raising jack.
- Hydraulic jack.
- Hydraulic pump jack.
- Lifting jack.
- Load indicating hydraulic jack.
- Muffler jack.
- Portable overhead jack.
- Pump jack.
- Ship builder's work assembling and aligning jack.
- Split center window jack.
- Stevedore jack.
- Trailer jack.
- Vehicle jack.
- Weight indicating lift jack.

Jack. J. M. Westrate. 2,367,633; Jan. 16.
Jack adapter device, Lifting. C. H. Madden. 2,369,789; Feb. 20.
Jack attachment. C. D. Johnson. 2,383,061; Aug. 21.
Jack for multiple plug-in connectors, Pin. A. G. Heller. 2,380,908; July 31.
Jack pad. J. G. Villepigue. 2,377,530; June 5.
Jack switch. L. R. Bowen. 2,368,914; Feb. 6.
Jacket forming machine. J. Balton. 2,369,205; Feb. 13.
Jacket for water heaters. C. H. Morrow. 2,371,347; Mar. 13.
Jacket, Lifesaving. H. G. Morner. 2,389,735; Nov. 27.
Jacket removing plug. M. Glassner. 2,390,298; Dec. 4.
Jacks, Attachment for. J. H. Bishop and W. H. Cooper. 2,368,192; Jan. 30.
Jar, Battery. F. S. Carlisle. 2,385,127; Sept. 18.
Jar and safety joint, Rotary. J. G. Richey. 2,387,682; Oct. 23.
Jar capping apparatus. J. Hohl and O. Bjering. 2,386,797; Oct. 16.
Jar clamping device. A. L. Larson. 2,369,787; Feb. 20.
Jar fastener. C. H. Judd. 2,384,310; Sept. 4.
Jar feeding mechanism. H. A. Barnby and J. Hohl. 2,387,211; Oct. 16.
Jar lifter. M. T. Sturr. 2,388,623; Nov. 6.
Jar, Well. A. L. Armentrout. 2,389,711; Nov. 27.
Jarring screen. M. Kutil. 2,367,785; Jan. 23.
Jarring tool. A. L. Armentrout. 2,389,710; Nov. 27.
Jaw construction for vises. C. B. Cross and D. C. Zipp. 2,373,384; Apr. 10.
Jet control. H. T. Coss, G. T. Pearce, and G. A. Downsbrough. 2,386,294; Oct. 9.
Jet type pump. L. C. Badgley. 2,371,019; Mar. 6.
Jets, Method and apparatus for projecting liquid. L. G. M. Timpson. 2,386,916; Oct. 16.
Jetty. G. W. Rehfeld. 2,378,865; June 19.
Jetty and making the same. O. A. Bartholomew. 2,385,601; Sept. 25.
Jetty structure. G. W. Rehfeld. 2,387,355; Oct. 23.
Jewel oliving machine. H. D. Weaver. 2,369,094; Feb. 6.
Jewelry box. P. B. Koller, Jr. 2,380,052; July 10.
Jewelry lock. H. Hattenrath. 2,368,543; Jan. 30.
Jig. B. M. Bird. 2,384,151; Sept. 4.
Jig. C. E. Galley. 2,386,104; Oct. 2.
Jig boring machine. W. J. S. Johnson. 2,383,655; Aug. 28.
Jig, Cementing. P. F. Preston. 2,377,962; June 12.
Jig, Center sill. A. W. Maulding. 2,389,526; Nov. 20.
Jig clamp. T. E. Yeager. 2,384,148; Sept. 4.
Jig, Compression testing. R. L. Templin. 2,368,900; Feb. 6.
Jig, Drill. W. C. Williams. 2,381,943; Aug. 14.
Jig, Drilling. F. H. Cameron. 2,380,291; July 10.
Jig for use in drilling and like operations. S. H. Tillett. 2,389,243; Nov. 20.
Jig, Holding. G. St. Marie. 2,371,934; Mar. 20.
Jig, Soldering. H. W. Hubbard. 2,383,314; Aug. 21.
Jig, Turnbuckle. U. A. Providence. 2,367,689; Jan. 23.
Joinders in sheet materials. W. A. Ringler and M. I. Williamson. 2,388,288; Nov. 6.
Joining and cornering strips. W. H. Petersen. 2,379,179; June 26.

Joint: *See*—
- Ankle joint.
- Attachment joint.
- Controlled swivel joint.
- Electric expansion joint.
- Enamel coated welded joint.
- Expansion joint.
- Extrusion controlled water-stop expansion joint.
- Flexible exhaust line joint.
- Flexible joint.
- Gasketed joint.
- Hinge joint.
- Nonthrusting pipe expansion joint.
- Oblique junction-plane rail joint.
- Oil tight joint.
- Oscillating joint.
- Pipe joint.
- Pipe joint.
- Porous body expansion joint.
- Pressure sealing joint.
- Rotary pressure joint.
- Rubber articulated joint.
- Sheet material joint.
- Steam joint.
- Stressed skin airfoil joint.
- Swing joint.
- Swivel joint.
- Torsional joint.
- Universal joint.

Joint and device therefor, Pipe. H. W. Jewell. 2,386,865; Oct. 16.
Joint assembly, Roller bearing. J. H. Booth. 2,388,950; Nov. 13.
Joint between lined parts, Butt-welded. W. E. Crawford. 2,372,712; Apr. 3.
Joint construction. S. M. Bratton. 2,381,432; Aug. 7.
Joint construction. W. A. Flumerfelt. 2,383,378; Aug. 21.
Joint construction. W. F. Aschinger. 2,371,493; Mar. 13.
Joint for artificial limbs, Hinge. J. J. Tollman. 2,382,679; Aug. 14.
Joint for electrical conductors. D. M. Phillips. 2,369,849; Feb. 20.
Joint for exhaust manifold systems. R. I. Markey. 2,390,801; Dec. 11.
Joint for fluid conduits, Swivel. H. H. Walley, Jr. 2,377,196; May 29.
Joint for structural framework. S. F. McIntosh. 2,374,550; Apr. 24.
Joint nail or clip. A. J. J. van Akkeren. 2,371,935; Mar. 20.
Joints of walls, roofs, and the like constructed from preformed panels for slabs. B. Brunton and R. G. Booth. 2,386,588; Oct. 9.
Juice, Purifying diffusion. H. Schreiber. 2,379,319; June 26.
Joint or section of elastic fabric, Bonded. D. E. Morrison and P. F. Ziegler. 2,380,365; July 10.
Joint structure. A. E. Wagstaff. 2,380,348; July 10.
Joints for leg supports and artificial limbs in general. M. Meierhofer. 2,379,538; July 3.
Joints, Forming. E. E. Howe. 2,381,748; Aug. 7.
Joints in plastic roads, Installing. J. N. Heltzel. 2,371,290; Mar. 13.
Joints, Making thermoplastic. R. N. Steffens. 2,379,500; July 3.
Joints, Making welded. J. O. Jackson. 2,371,823; Mar. 20.
Jolly balance. L. H. Bailey. 2,387,489; Oct. 23.
Journal bearing. E. S. Pearce. 2,368,677; Feb. 6.

Journal bearing. E. S. Pearce. 2,387,806–7; Oct. 30.
Journal bearing. E. O. Pearson. 2,381,513; Aug. 7.
Journal box. E. P. Kinne. 2,369,302; Feb. 13.
Journal means for shafts, Sectional. E. S. Aker 2,380,715; July 31.
Journals, Refacing tools for crankshaft. E. A. Vester. 2,383,899; Aug. 28.
Juice extracting apparatus. H. P. Bingenheimer. 2,368,800; Feb. 6.
Junction block. T. W. Drury. 2,384,287; Sept. 4.
Justifying typewriter. V. Bush. 2,379,862; July 10.
Kerf-cutting machine. E. J. Doberstein. 2,384,083; Sept. 4.
Kerf-cutting machine. W. W. Sloane. 2,375,045; May 1.
Ketaldones, Reduction of. H. R. Rosenberg. 2,376,817; May 22.
Ketals and preparing same, Halogenated. G. H. Morey. 2,374,494; Apr. 24.
Ketals of keto-cyclopentano-perhydrophenanthrenes and preparing them, Cyclic. E. Fernholz. 2,378,918; June 26.
Ketals of polyhydroxy nitro compounds. M. Senkus. 2,368,071; Jan. 23.
Ketene, Method and apparatus for manufacturing. F. C. Atwood. 2,376,748; May 22.
Keto-alcohols, Manufacture of. G. Natta. 2,378,573; June 19.
Ketoethenones and process therefor. J. C. Sauer. 2,369,919; Feb. 20.
Ketone-urea-formaldehyde condensation products. W. Nebel. 2,389,682; Nov. 27.
Ketone with ketones, Condensation of. B. H. Gwynn and E. F. Degering. 2,383,965; Sept. 4.
Ketones of the cyclopentano polyhydro phenanthrene series, Manufacture of unsaturated. A. Serini, H. Koster, and L. Strassberger. 2,379,832; July 3.
Ketones, Preparing. R. Hueter. 2,383,863; Aug. 28.
Ketones, Synthesis of. G. Brownlee and W. M. Duffin. 2,376,415; May 22.
Ketonic rosin derivatives. D. Price and E. L. May. 2,390,736; Dec. 11.
Keto-steroids and obtaining same. R. E. Marker and E. J. Lawson. 2,366,204; Jan. 2.
Keyboard for typewriters or the like. P. O. Solon 2,369,807; Feb. 20.
Keyboard perforator. R. A. Lake. 2,391,056; Dec. 18.
Keyboard release mechanism. C. M. Friden and A. B. Machado. 2,391,089; Dec. 18.
Key container. G. E. Evans. 2,387,319; Oct. 23.
Key controlled lock. J. Wells, Jr. 2,390,973; Dec. 11.
Key container. S. H. Geffner. 2,389,426; Nov. 20.
Key embodying a signalling device. G. Hoenger. 2,373,893; Apr. 17.
Key for opening cans. H. Sebell. 2,370,081; Feb. 20.
Keyhole cover. T. H. Johnstone. 2,388,228; Oct. 30.
Key, Locating. G. T. Evans. 2,372,716; Apr. 3.
Key lock. J. W. Wiley. 2,385,244; Sept. 18.
Key, Safety chuck. C. C. Davis. 2,387,981; Oct. 30.
Key sender, Relay type. W. T. Powell. 2,381,516; Aug. 7
Keystone correction circuit. C. E. Hallmark. 2,366,902; Jan. 9.
Keystone correction circuit. C. E. Hallmark. 2,369,824; Feb. 20.
Ketones, Cyanoethylated cyclic. H. A. Bruson. 2,386,737; Oct. 9.
Keyer and operator's indicator, Signature. G. Malone. 2,375,672; May 8.
Keying system. R. J. Davis. 2,386,844; Oct. 16.
Kiddy car. W. C. Aupperle. 2,369,934; Feb. 20.
Kiln. H. M. Beatty. 2,386,835; Oct. 16.
Kiln and operation. E. Blaha. 2,371,420; Mar. 13.
Kiln and oven, Industrial. B. J. and B. C. Moore. 2,375,317; May 8.
Kiln drying. F. W. Gottschalk and H. W. Angell. 2,380,518; July 31.
Kiln, Rotary. E. L. Gibson. 2,387,014; Oct. 16.
Kilovoltage limiter for X-ray tubes, Maximum. J. Ball. 2,368,798; Feb. 6.
Kit, First-aid. R. L. Watkins. 2,377,117; May 29.
Kit, First aid. Z. Wolteger and H. Lerer. 2,391,112; Dec. 18.
Kit for men, Toilet. M. Janchick. 2,382,061; Aug. 14.
Kit for toilet purposes. B. Charnas and A. Malina. 2,389,596; Nov. 27.
Kit, Shoe shining. R. H. David. 2,372,556; Mar. 27.
Kitchen equipment, Mechanical. T. B. Richardson. 2,373,781; Apr. 17.
Kitchen utility mounting. H. H. Cable. 2,369,336; Feb. 13.
Kite apparatus. J. S. Wheelwright. 2,386,762; Oct. 16.
Kite, Target. P. E. Garber. 2,388,478; Nov. 6.
Kneader improvements, Double-acting. E. A. F. Presser. 2,390,460; Dec. 4.
Kneading and massaging device, Muscle. S. L. Conrad. 2,377,131; May 29.
Knee rest for crutches. G. D. Jones. 2,378,486; June 19.
Kneepad and making same. I. H. Greene. 2,377,339; June 5.
Knife. A. B. Bristo. 2,376,226; May 15.
Knife. R. W. Lowry. 2,387,032; Oct. 16.
Knife and manufacture thereof. C. Foltz and G. Davis. 2,382,304; Aug. 14.
Knife, Combat. W. H. Wood, Jr. 2,389,882; Nov. 27.
Knife, Electrically heated. T. F. Saffady. 2,386,409; Oct. 9.
Knife, Fish scaling. E. W. Howard. 2,372,831; Apr. 3.
Knife, Flexible band. P. K. Fellner. 2,390,700; Dec. 11.
Knife for axminster looms, Adjustable tuft cutting. A. Palmer. 2,379,740; July 3.
Knife, Hunting. J. B. F. Champlin and T. H. Banton. 2,375,751; May 15.
Knife jointer. J. B. Sevey. 2,369,862; Feb. 20.
Knife mounting for bean snippers, Flexible. C. E. Kerr. 2,376,062; May 15.
Knife sheath. H. Hartwell. 2,387,900; Oct. 30.
Knitted article. E. W. Clarke. 2,370,450; Feb. 27.
Knitted fabric. V. Lombardi. 2,378,780; June 19.
Knitted fabric. A. E. Page. 2,384,392; Sept. 4.
Knitted goods. F. Headon. 2,388,144; Oct. 30.
Knitted stocking, Seamless. C. W. Minton. 2,378,317; June 12.
Knitting. A. N. Cloutier. 2,369,774; Feb. 20.
Knitting. O. Fregeolle. 2,374,532; Apr. 24.
Knitting. O. Fregeolle. 2,374,857; May 1.
Knitting. O. Fregeolle. 2,376,044; May 15.
Knitting. A. E. Page. 2,383,986; Sept. 4.
Knitting. C. L. Page. 2,378,947; June 26.
Knitting and knitting machine. R. N. Toone and T. L. Allen. 2,377,729; June 5.
Knitting machine. E. Wildt, H. H. Holmes, and A. H. Widdowson. 2,391,665; Dec. 25.
Knitting machine, Circular. H. H. Holmes. 2,391,625; Dec. 25.
Knitting element of knitting machinery. G. L. Bolden and R. Peel. 2,373,533; Apr. 10.
Knitting machine. E. Brooksby and F. E. Deans. 2,380,822; July 31.
Knitting machine. I. H. C. Green. 2,374,538; Apr. 24.
Knitting machine. I. H. C. Green and E. St. Pierre. 2,381,275; Aug. 7.
Knitting machine. I. W. Grothey. 2,382,008; Aug. 14.
Knitting machine. H. H. Holmes and A. H. Widdowson. 2,385,081; Sept. 18.
Knitting machine. K. Howie and C. C. Krieble. 2,379,527; July 3.
Knitting machine. W. D. Kellogg and J. Fradenburgh. 2,389,154; Nov. 20.
Knitting machine. R. H. Lawson and P. W. Bristow. 2,388,750; Nov. 13.
Knitting machine. V. Lombardi. 2,373,126; Apr. 10.
Knitting machine. K. Maier. 2,374,294; Apr. 24.
Knitting machine. C. W. Minton. 2,378,315; June 12.
Knitting machine. F. R. Page. 2,389,209; Nov. 20.
Knitting machine. S. Saftlas. 2,372,019; Mar. 20.
Knitting machine and marking attachment therefor, Flat hosiery. E. R. Ammon. 2,388,944; Nov. 13.
Knitting machine and operating the same, Circular. A. E. and F. R. Page. 2,387,769; Oct. 30.
Knitting machine attachment. J. A. Ruth. 2,389,688; Nov. 27.
Knitting machine attachment. R. H. Sperzel. 2,368,686; Feb. 6.
Knitting machine, Circular. T. C. Bromley and A. Shortland. 2,381,641; Aug. 7.
Knitting machine, Circular. R. Buck. 2,374,920; May 1.
Knitting machine, Circular. E. W. Clarke. 2,370,449; Feb. 27.
Knitting machine, Circular. H. H. Holmes and J. C. H. Hurd. 2,386,314; Oct. 9.
Knitting machine, Circular independent latch needle. H. H. Holmes and J. C. H. Hurd. 2,375,475; May 8.
Knitting machine, Cotton's patent and other straight bar. W. A. Cooper. 2,382,544; Aug. 14.
Knitting machine of a cylinder type. C. Koppel. 2,368,224; Jan. 30.
Knitting machine of the links and links type. H. H. Holmes and J. C. H. Hurd. 2,366,405; Jan. 2.
Knitting machine parts, Maintaining the initial positioning of cooperating. M. Zwicky. 2,366,227; Jan. 2.
Knitting machine, Split-foot. A. N. Cloutier. 2,385,611; Sept. 25.
Knitting machine, Straight bar. T. C. Bromley and A. Shortland. 2,384,154; Sept. 4.
Knitting machine, Straight-bar. H. W. Start. 2,367,972; Jan. 23.
Knitting machine, Straight-bar. H. W. and E. Start. 2,371,931; Mar. 20.
Knitting machines. R. N. Toone. 2,384,214; Sept. 4.
Knitting method and machine. J. L. Getaz. 2,387,253; Oct. 23.
Knitting method and product thereof. J. L. Getaz. 2,376,246; May 15.
Knob adapter. T. S. Christenson, Jr. 2,389,610; Nov. 27.
Knob assembly for control devices. L. E. Cobb. 2,375,894; May 15
Knockdown box. H. C. Skell. 2,389,580; Nov. 20.
Knockdown corner cabinet. H. C. Bullard. 2,368,284; Jan. 30.
Knockdown container. G. A. Britton. 2,381,874; Aug. 14.
Knockoff motion for drawing machines. E. M. Dunn and J. C. Baucom. 2,384,417; Sept. 4.
Knot tightening device. J. E. Schmidt. 2,391,644; Dec. 25.
Knurling machine. L. R. Jensen. 2,379,718; July 3.
Knurling tool. E. T. Turney. 2,378,261; June 12.

Label. C. Mason. 2,382,736; Aug. 14.
Label. T. R. Welch. 2,372,994; Apr. 3.
Label and tape dispensing machine. R. S. Avery. 2,373,092; Apr. 10.
Label dispenser. R. S. Avery. 2,372,245; Mar. 27.
Label pasting device. F. Elsner. 2,384,241; Sept. 4.
Label, Printed. D. L. Francescon. 2,369,549; Feb. 13.
Labels, Applying. R. S. Avery. 2,367,189; Jan. 16.
Labeling apparatus. G. W. von Hofe. 2,377,470; June 5.
Labeling device, Adjustable. H. B. Tuthill and H. F. Caldwell. 2,378,112; June 12.
Labeling machine. A. C. Everett. 2,391,694; Dec. 25.
Labeling machine. W. D. Kimball and E. Ardell. 2,375,305; May 8.
Laboratory hammer mill. W. H. Ross, E. S. Shipley, J. F. Mullins, and J. O. Hardesty. 2,391,480; Dec. 25.
Lac compositions, Light colored flexible. W. H. Gardner and H. H. Bassford, Jr. 2,371,235; Mar. 13.
Lace product, Simulated. N. E. Dahlman. 2,366,183; Jan. 2.
Lacing construction for garments. M. Sarachek. 2,382,104; Aug. 14.
Lacing machine, Shoe upper. J. Fossa. 2,383,538; Aug. 28.
Lacquer and like coating composition. G. R. Barrett. 2,371,866; Mar. 20.
Lacquer, Bronzing. C. J. Rolle. 2,384,493; Sept. 11.
Lacquer, Cellulosic. J. G. Little. 2,379,974; July 10.
Lacquer, Coating. T. R. Smith. 2,375,701; May 8.
Lacquer coatings. D. Murphy. 2,372,334; Mar. 27.
Lacquer compositions, Nitrocellulose. G. R. Barrett. 2,385,125; Sept. 18.
Lacquers and coatings, Providing protective and decorative. C. E. Maier, S. L. Flugge, and E. C. Pfeffer. 2,380,456; July 31.
Lacteal food products, Producing. R. M. Urquhart. 2,375,833; May 15.
Lacteal-laxative products and making same. C. C. Balston. 2,367,166; Jan. 9.
Lactic acid and salts thereof, Manufacture of. R. H. Lock. 2,382,889; Aug. 14.
Lactogenic hormone, Isolation of. G. A. Fleischer and E. Schwenk. 2,370,154; Feb. 27.
Lactones and making same. L. Ruzicka. 2,386,749; Oct. 16.
Lactones of 2-alkyl-3-alkoxy-4-hydroxymethyl-5-carboxypyridine. E. T. Stiller. 2,380,478; July 31.
Lactones, Production of. L. P. Kyrides and J. K. Craver. 2,368,366; Jan. 30.
Lactonitrile acetate, Preparation of. V. L. Hansley and J. E. Bristol. 2,390,098; Dec. 4.
Ladder. O. F. Arthur. 2,367,917; Jan. 23.
Ladder. N. L. Dahlander. 2,371,156; Mar. 13.
Ladder. N. L. Dahlander. 2,371,608–9; Mar. 20.
Ladder. V. M. Fowler. 2,381,154; Aug. 7.
Ladder. C. A. Hill. 2,384,743; Sept. 11.
Ladder. C. M. Vaiden. 2,385,171; Sept. 18.
Ladder. E. L. Wilson. 2,388,892; Nov. 13.
Ladder and elevator, Extensible fire. M. Honig. 2,376,875; May 29.
Ladder and adjustable platform assembly, Portable. B. C. Lord. 2,384,939; Sept. 18.
Ladder apparatus, Inter-deck. N. L. Dahlander. 2,388,678; Nov. 13.
Ladder, Broad rung. N. D. Dahlander. 2,378,914; June 26.
Ladder construction. O. J. Brandel. 2,368,915; Feb. 6.
Ladder construction. H. H. Gumz. 2,381,348; Aug. 7.
Ladder construction. D. S. Sampson. 2,390,000; Nov. 27.
Ladder, Convertible. A. A. Thompson. 2,381,525; Aug. 7.
Ladder, Debarkation. N. G. Margolin and E. M. Anderson. 2,385,824; Oct. 2.
Ladder, Extension. W. C. Yarmolowich. 2,376,529; May 22.
Ladder, Flexible. N. L. Dahlander. 2,378,913; June 26.
Ladder hook. E. T. John. 2,388,415; Nov. 6.
Ladder, Jacob's. E. J. Schneider. 2,373,346; Apr. 10.
Ladder leg, Adjustable. A. Biery. 2,366,829; Jan. 9.
Ladder, Multiple chain. H. P. Hopp and E. Kunzelman. 2,370,728; Mar. 6.
Ladder, Railway car. J. K. Tully, L. Andersen, and B. E. Jones. 2,382,370; Aug. 14.
Ladder, Safety. G. M. Marsh. 2,368,081; Jan. 23.
Ladder stabilizer, Swivelly mounted. E. F. Needham. 2,371,460; Mar. 13.
Laminar structure. F. C. Dulmage, Jr., and T. A. Kauppi. 2,378,291; June 12.
Laminated article and manufacture. H. W. Hall. 2,370,033; Feb. 20.
Laminated articles from veneer or like sheet material, Manufacturing. J. Henderson. 2,388,541; Nov. 6.
Laminated method. R. A. Powell. 2,372,738; Apr. 3.
Laminated sheet bodies, Forming. F. M. Weir. 2,387,631; Oct. 23.
Laminated structure. R. V. Boyer. 2,376,653; May 22.
Laminated structure and making such structure. E. L. Vidal. 2,370,429; Feb. 27.
Laminated structures, Apparatus for producing. H. V. Thaden. 2,383,227; Aug. 21.
Laminated structures, Making a. G. E. Tardiff. 2,386,821; Oct. 16.
Laminating apparatus. R. J. Williams. 2,382,930; Aug. 14.

Lamp: *See*—
Adjustable latch.
Boat lamp.
Book lamp.
Circular electric lamp.
Desk lamp.
Electric lamp.
Fluorescent desk lamp.
Fluorescent lamp.
Glow discharge lamp.
High temperature lamp.
Incandescent electric lamp.
Inspection lamp.
Multiple filament lamp.
Photoflash lamp.
Photographic flash lamp.
Studio spot lamp.
Screen door latch.
Ultraviolet lamp.

Lamp. J. R. Aufiero. 2,390,634; Dec. 11.
Lamp. A. H. Feder. 2,369,778; Feb. 20.
Lamp adapter and receptacle. A. G. Steinmayer. 2,385,478; Sept. 25.
Lamp and application thereof, Discharge. P. W. Blackburn. 2,385,397; Sept. 25.
Lamp and bulb guard, Combination work. N. R. Schwartz. 2,389,089; Nov. 13.
Lamp and carbon guide, Arc. E. G. Pophal. 2,374,497; Apr. 24.
Lamp and manufacture thereof, Flash. M. Pipkin. 2,383,076; Aug. 21.
Lamp and the like, Electric battery torch. S. D. Sullam. 2,379,603; July 3.
Lamp applying means, Fluorescent. E. G. Gaynor and H. K. Andrews. 2,371,437; Mar. 13.
Lamp assembly, Discharge. B. C. Webster and R. M. Smith. 2,367,984; Jan. 23.
Lamp base remover. F. G. Phillips. 2,382,170; Aug. 14.
Lamp changer. P. A. Carson. 2,367,003; Jan. 9.
Lamp changer. L. C. Hays. 2,387,846; Oct. 30.
Lamp fitting, Fluorescent tubular discharge. F. H. Reeves. 2,368,879; Feb. 6.
Lamp fixture, Fluorescent. H. U. Shockett. 2,367,472; Jan. 16.
Lamp flare machine. P. E. Gates. 2,366,609; Jan. 2.
Latch for screen doors and the like. H. Bloss. 2,390,984; Dec. 18.
Lamp holder. A. G. Mueller. 2,374,032; Apr. 17.
Lamp, lamp shade, and lamp shade holder. D. J. Ross. 2,387,857; Oct. 30.
Lamp making apparatus. J. Flaws, Jr. 2,380,742; July 31.
Lamp mounting. L. S. Sheldrick and J. J. Rodak. 2,368,166; Jan. 30.
Lamp shading device. C. W. Belden. 2,374,161; Apr. 24.
Lamp starter, Fluorescent. C. H. Hodgkins. 2,379,300; June 26.
Lamp starter, Fluorescent. C. H. Hodgkins and O. Hammerstrom. 2,367,645; Jan. 16.
Lamp tube changer. A. O. Switzer. 2,381,563; Aug. 7.
Lamp with means to improve lumen maintenance. W. E. Anderson. 2,379,058; June 26.
Landing and launching equipment for flying boats. F. J. Walters. 2,371,721; Mar. 20.
Landing gear. R. W. Leland. 2,375,422; May 8.
Landing gear. R. L. Levy. 2,368,855; Feb. 6.
Landing gear. W. C. Trautman. 2,384,054; Sept. 4.
Landing gear by-pass valve. O. A. Kehle. 2,367,682; Jan. 23.
Landing gear for aircraft. N. H. Tritt. 2,385,742; Sept. 25.
Landing gear lock. R. F. Dreifke. 2,385,063; Sept. 18.
Landing guide system, Instrument. A. G. Kandoian. 2,379,442; July 3.
Lantern, Breastplate black-out. R. L. Mann. 2,373,131; Apr. 10.
Lantern, Electric. F. T. Baird. 2,369,637; Feb. 20.
Lap. A. P. McArthur. 2,369,586; Feb. 13.
Lap handling apparatus. F. L. Crockett. 2,368,971; Feb. 6.
Lap pin. J. T. Tice. 2,388,774; Nov. 13.
Lapping. F. J. Kent. 2,375,003; May 1.
Lapping block. K. R. Sjogren. 2,368,575; Jan. 30.
Lapping machine. W. F. Egger. 2,376,531; May 22.
Lapping machine. H. S. Indge. 2,369,107; Feb. 6.
Lapping machine. J. G. Kaveny. 2,372,088; Mar. 20.
Lapping machine. R. Pash. 2,382,903; Aug. 14.
Laps, Manufacture of. A. Anderson. 2,367,654; Jan. 23.
Last, Two-part. V. J. Levaggi, Jr. 2,386,808; Oct. 16.
Lasting machine. P. E. Burby. 2,371,146; Mar. 13.
Lasting machine. P. E. Burby. 2,371,733; Mar. 20.
Lasting machine. P. E. Burby. 2,380,407; July 31.
Lasting machine. R. G. Ericson. 2,371,612; Mar. 20.
Lasting machine. E. A. Holmgren. 2,385,444; Sept. 25.
Lasting machine. B. Jorgensen. 2,377,887; June 12.
Lasting machine. B. Jorgensen. 2,387,331; Oct. 23.
Lasting machine. J. T. Lancaster. 2,368,849; Feb. 6.
Lasting machine. W. T. B. Roberts. 2,379,543; July 3.
Lasting machine. W. T. B. Roberts. 2,381,518; Aug. 7.
Lasting machine. C. A. Robinson. 2,388,367; Nov. 6.
Lasting shoes. M. Cuozzo. 2,383,712; Aug. 28.

Latch: *See*—
Door latch.
Locket latch.
Multiple engagement latch
Power shovel dipper door latch.
Screen door latch.

Latch. L. L. Anderson. 2,385,961; Oct. 2.
Latch. J. G. Joachim. 2,382,062; Aug. 14.
Latch. F. M. Newell. 2,368,487; Jan. 30.
Latch. M. Ostrom. 2,380,543; July 31.
Latch. E. R. Pekny. 2,378,654; June 19.
Latch. H. Quigley and H. Ter Meer. 2,382,663; Aug. 14.
Latch. B. R. Thiele. 2,379,613; July 3.

Latch and keeper combination. W. A. Endter. 2,371,386; Mar. 13.
Latch and lock, Door. H. T. Smith. 2,387,187; Oct. 16.
Latch and lock mechanism. W. A. Endter. 2,373,237; Apr. 10.
Latch bolt hold back. C. Ledin and P. T. Krause. 2,379,810; July 3.
Latch construction. A. J. Rhodes. 2,373,053; Apr. 3.
Latch construction, Door. W. R. Wiley. 2,383,576; Aug. 28.
Latch construction, Roller. A. O. Dady. 2,385,350; Sept. 25.
Latch controlling mechanism. H. L. Neer, C. H. Wasson, and R. L. Neer. 2,372,844; Apr. 3.
Latch device. W. A. Endter. 2,376,992; May 29.
Latch device for floors of baby yards. C. J. Schiemer. 2,382,585; Aug. 14.
Latch for hospital doors and the like. H. G. Voight. 2,383,574; Aug. 28.
Latch for rodent traps. D. F. Jorgensen. 2,371,447; Mar. 13.
Latch mechanism. C. E. Bazley. 2,378,173; June 12.
Latch mechanism. F. H. Rogers. 2,377,576; June 5.
Latch mechanism. R. C. Van Sickle. 2,372,140; Mar. 20.
Latch mechanism, Hospital door. H. G. Voight. 2,379,326; June 26.
Latch operation, Correction of. W. A. Endter. 2,366,392; Jan. 2.
Latched-in magnetic switch. F. C. Iglehart. 2,370,038; Feb. 20.
Latching device. B. Knauer. 2,371,896; Mar. 20.
Latching means for dipper doors. P. V. Larsen. 2,374,108; Apr. 17.
Latching means for venetian blinds. R. H. Wright. 2,376,990; May 29.
Latching mechanism. G. R. Chervenka. 2,370,841; Mar. 6.
Latching mechanism for endgates. H. Peters. 2,388,075; Oct. 30.
Lateral wells in fluid-saturable earth, Method and apparatus for installing. R. Nebolsine. 2,383,496; Aug. 28.
Latex and product thereof, Preserving. W. D. Stewart. 2,386,756; Oct. 16.
Latex and the like, Dispensing. A. H. Beaumier. 2,375,515; May 8.
Latex and the product thereof, Preserving. C. E. Rhines. 2,371,544; Mar. 13.
Latex, Coagulation of castilloa. T. F. Ford. 2,390,996; Dec. 18.
Latex, Concentrating. G. J. van der Bie. 2,371,560; Mar. 13.
Lath. G. A. Buttress. 2,371,734; Mar. 20.
Lathe. K. F. Berger. 2,370,286; Feb. 27.
Lathe. C. A. Bickel. 2,374,322; Apr. 24.
Lathe. G. W. McKee. 2,369,904; Feb. 20.
Lathe. L. D. Tyson. 2,380,808; July 31.
Lathe and making the same. S. W. Sparks and E. J. Lomazzo. 2,389,746; Nov. 27.
Lathe and turret mill. A. L. Stone and J. H. Appleton. 2,368,499; Jan. 30.
Lathe attachment. J. E. H. Metz. 2,379,370; June 26.
Lathe attachment, Hydraulic duplicating. M. Turchan and C. Walker. 2,375,831; May 15.
Lathe, Automatic. N. P. Lloyd. 2,374,112; Apr. 17.
Lathe carriage drive. W. M. McConnell. 2,368,151; Jan. 30.
Lathe center. T. C. C. Davenport. 2,376,905; May 29.
Lathe center, Lubricated. W. H. Jones. 2,382,883; Aug. 14.
Lathe chuck centering device. A. L. Delvaux, Sr. 2,370,017; Feb. 20.
Lathe, Contour cutting. R. G. Le Tourneau. 2,377,701; June 5.
Lathe control, Copy. W. Groen. 2,370,032; Feb. 20.
Lathe dog, Grinding or turning. A. F. Prange. 2,383,943; Sept. 4.
Lathe driver device. A. B. Clements. 2,377,072; May 29.
Lathe, Engine. W. M. McConnell. 2,368,150; Jan. 30.
Lathe, Last. L. E. Topham. 2,376,947; May 29.
Lathe, Multiple turret. D. E. Bench, M. A. Crosby and H. A. Toulman, Jr. 2,374,577; Apr. 24.
Lathe, Screw-cutting. S. H. Varndell. 2,381,849; Aug. 7.
Lathe, Sensitive precision. C. A. Bickel. 2,381,422; Aug. 7.
Lathe-tool, Combination. A. C. Nielsen. 2,369,600; Feb. 13.
Lathe tool mounting and actuating mechanism. R. G. Le Tourneau. 2,379,583; July 3.
Lathe, Turret. E. E. Meusy. 2,379,096; June 26.
Lathe, Turret. C. Wantz and C. E. Hajn. 2,379,123; June 26.
Lathe, Vacuum polishing. H. E. Crozier. 2,372,812; Apr. 3.
Lathes and like machines, Roller box or steady for. H. Livingstone. 2,390,312; Dec. 4.
Lathing. A. C. Karelius. 2,375,302–3; May 8.
Latices, Coagulating synthetic rubber. C. F. Fryling. 2,378,695; June 19.
Lattice mat. F. H. Ruppel. 2,369,412; Feb. 13.
Launching device and carrier, Airplane. H. C. Parker. 2,383,559; Aug. 28.
Launching device for ships. A. O. Petersen. 2,372,390; Mar. 27.
Launching device, Ship. J. B. Hall. 2,387,147; Oct. 16.
Launching means, Airplane troop. F. G. Manson and J. J. Maskey. 2,389,160; Nov. 20.
Laundry apparatus. C. J. Lundquist. 2,371,834; Mar. 20.
Laundry bag. C. L. Vadnais. 2,373,209; Apr. 10.
Laundry extractor. T. S. Watson. 2,372,753; Apr. 3.
Laundry finishing composition. E. A. Robinson. 2,379,458; July 3.
Laundry holder. T. S. Watson. 2,378,606; June 19.
Laundry machine. J. R. Kirby. 2,381,545; Aug. 7.
Laundry machine. N. Page. 2,369,905; Feb. 20.
Laundry marking machine. A. L. Faust. 2,370,152; Feb. 27.
Laundry marking machine. W. J. Keuper. 2,370,735; Mar. 6.
Laundry unit, Domestic. A. J. Patch. 2,387,407; Oct. 23.
Laundry vehicle. J. D. Barksdale. 2,384,873; Sept. 18.
Lawn chair. H. H. Wenneborg. 2,381,149; Aug. 7.
Lawn mower. P. L. Loewe and E. A. Boyce. 2,388,165; Oct. 30.
Lay motion for looms. R. J. Bartholomew. 2,381,028; Aug. 7.
Layer, Cable. W. Wilson. 2,372,921; Apr. 3.
Layers on solid objects, Producing. W. Geffcken and E. Berger. 2,366,516; Jan. 2.
Layout and drill jig. W. Schoeniger. 2,373,918; Apr. 17.
Layout and drill V-block. R. L. Leming. 2,371,831; Mar. 20.
Layout apparatus. L. E. Kiesel. 2,376,601; May 22.
Leaching method and apparatus. L. C. Sturbelle. 2,388,504; Nov. 6.
Lead alloy. G. F. Beard. 2,370,439; Feb. 27.
Lead articles, Making. F. Remington and R. A. Tartaglia. 2,372,011; Mar. 20.
Lead-coated steel. J. H. Young. 2,371,725; Mar. 20.
Lead iodide, Manufacture of. H. A. Beatty. 2,366,953; Jan. 9.
Lead, Manufacture of red. R. L. Seabury and R. A. Daily. 2,383,220; Aug. 21.
Lead oxide, Manufacture of. D. J. Doan and L. Vaughn. 2,380,096; July 10.
Lead oxide, Treating. J. S. Nordyke and L. Vaughn. 2,374,886; May 1.
Lead pigments and making same. L. E. Barton. 2,376,895; May 29.
Lead pigments and methods of making same. L. E. Barton. 2,383,284; Aug. 21.
Lead salicylate compositions and preparing same. L. M. Kebrich. 2,391,166; Dec. 18.
Lead screw gear threading box. V. von K. Sundt. 2,387,417; Oct. 23.
Lead silicate pigments and making same. L. E. Barton. 2,379,270; June 26.
Leak detector for automatic tanks. F. W. Hampson. 2,372,489; Mar. 27.
Leakage detector for canned goods, Seal. R. N. Shoner. 2,374,140; Apr 17.
Leaks in wells, Method and apparatus for locating. H. G. Abadie. 2,383,455; Aug. 28.
Leather and the like goods, Finishing. C. A. Olsen and A. J. Germain. 2,372,336; Mar. 27.
Leavening composition. R. J. Hurka. 2,366,857; Jan. 9.
Leavening process. H. H. Browne. 2,367,994; Jan. 23.
Lecher wire system. C. N. Smyth. 2,389,167; Nov. 20.
Lectern. T. J. Watson. 2,388,353; Nov. 6.
Ledger, Card. E. Vaucher. 2,391,080; Dec. 18.
Leg, Adjustable. E. Farson. 2,384,020; Sept. 4.
Leg and foot rest, Portable. L. Herbert. 2,375,225; May 8.
Leg marking device. E. Marchado. 2,370,557; Feb. 27.
Lehr loader. W. L. McNamara and F. Z. Fouse. 2,375,936; May 15.
Lehr loader. W. L. McNamara and J. McFee. 2,390,725; Dec. 11.
Lenco-monacyl-1,4 diaminoanthraquinone and preparing the same. W. R. Waldron and R. C. Franklin. 2,378,812; June 19.
Lens. C. Burch. 2,388,118–19; Oct. 30.
Lens. D. L. Wood. 2,388,893; Nov. 13.
Lens adjuster, Sound. T. I. Ress. 2,367,139; Jan. 9.
Lens assembly. T. I. Ress. 2,380,613; July 31.
Lens blank and lap mounting for precision lens generating mechanisms. A. J. Holman. 2,377,344; June 5.
Lens blanks, Making. P. Johnston. 2,373,246; Apr. 10.
Lens cap. G. Laube. 2,375,420; May 8.
Lens capping mechanism, Built-in. W. O. Runcie. 2,390,464; Dec. 4.
Lens chuck. W. P. Canning. 2,381,573; Aug. 7.
Lens coating material, Producing. J. H. Reynolds. 2,372,639; Mar. 27.
Lens coating, Nonreflective. D. L. Richards and W. C. Miller. 2,391,595; Dec. 25.
Lens, Controlled beam headlight. A. L. Chauvet. 2,379,787; July 3.
Lens, Correction of electromagnetic. L. Marton. 2,372,443; Mar. 27.
Lens diaphragms, Automatic adjustment of. A. E. Schubert. 2,389,087; Nov. 13.
Lens drill. G. W. Jackson. 2,378,637; June 19.
Lens, Electron. K. Spangenberg. 2,383,751; Aug. 28.
Lens holder. T. I. Ress. 2,377,718; June 5.

Lens mount. R. F. E. Stegeman. 2,373,610; Apr. 10.
Lens mounting. W. C. Eddy. 2,380,829; July 31.
Lens mounting. E. M. Splaine and L. A. Severy. 2,383,572; Aug. 28.
Lens, Ophthalmic. E. D. Tillyer. 2,391,045; Dec. 18.
Lens, Scanning. L. del Riccio. 2,373,815; Apr. 17.
Lens surfaces, Forming. H. L. Penberthy. 2,384,638; Sept. 11.
Lens system. R. N. Carter. 2,380,216; July 10.
Lens system. R. M. Lynn. 2,379,167; June 26.
Lens system. J. D. Reardon and N. Gottlieb. 2,388,077; Oct. 30.
Lens system, Electron. J. Hillier. 2,369,782; Feb. 20.
Lens, Telephoto. W. Schade. 2,382,669; Aug. 14.
Lenses and the like, Manufacturing optical. V. Walker. 2,390,404; Dec. 4.
Lenses, Method and apparatus for grinding. B. Liebowitz. 2,371,303; Mar. 13.
Lenses, Method and apparatus for grinding. A. G. Powell. 2,383,501; Aug. 28.
Lenses, Mounting. W. G. Rives. 2,377,970; June 12.
Letoff mechanism for looms. S. J. Geddings. 2,369,889; Feb. 20.
Letter feed and separator unit. A. Burckhardt and E. A. Sammis. 2,368,519; Jan. 30.
Lettering-guide holder. G. J. Forslund. 2,389,303; Nov. 20.
Level. P. L. Ackerson. 2,373,641; Apr. 17.
Level. F. J. Allgeo. 2,384,586; Sept. 11.
Level. W. G. Baldwin. 2,386,833; Oct. 16.
Level. C. L. Shue. 2,385,424; Sept. 25.
Level control, Bin. H. Anderson. 2,376,304; May 15.
Level determining apparatus, Precise. C. F. Wallace. 2,386,643; Oct. 9.
Level indicating device, Liquid. H. P. Kuehni. 2,380,249; July 10.
Level, Liquid. G. V. Rylsky. 2,369,802; Feb. 20.
Level, Method and apparatus for determining liquid. D. G. C. Hare. 2,378,219; June 12.
Level-wind mechanism. P. G. Coleman. 2,377,996; June 12.
Leveler, Roller. R. F. Holtz. 2,391,419; Dec. 25.
Leveling device for combines. F. M. Heath. 2,368,219; Jan. 30.
Leveling mechanism for gas holders and similar apparatus. J. H. Wiggins. 2,366,821; Jan. 9.
Leveling system. F. G. Wellington. 2,382,525; Aug. 14.
Lever. H. M. Roeser. 2,381,412; Aug. 7.
Lever construction. E. C. Neal. 2,385,835; Oct. 2.
Lever, Control. M. B. Rhodes. 2,388,079; Oct. 30.
Lever for coupling pins, Safety locking. M. Altimus. 2,391,610; Dec. 25.
Lever press. R. G. Le Tourneau. 2,370,739; Mar. 6.
Lever, Safety lock. E. R. Schroeder. 2,370,998; Mar. 6.
Lever, Sliding safety lock. E. R. Schroeder. 2,388,188; Oct. 30.
Lever, throttle. J. B. Codlin. 2,378,688; June 19.
Lever, Valve actuating. H. E. Pleasant. 2,370,750; Mar. 6.
License plate holder. C. Bean. 2,384,274; Sept. 4.
Lid construction. A. A. Kooyman. 2,368,146; Jan. 30.
Life and swimming belt, Combination. E. Mazza. 2,371,769; Mar. 20.
Lifeboat breaker. J. R. MacDonald. 2,385,146; Sept. 18.
Lifeboat or raft, Reversible. H. A. Gaskin. 2,367,112; Jan. 9.
Life, Ground working tool. A. W. Hall. 2,381,588; Aug. 7.
Life preserver. E. M. Brandsten. 2,373,994; Apr. 17.
Life preserver. F. L. Brown. 2,374,580; Apr. 24.
Life preserver. R. E. Coombs. 2,377,865; June 12.
Life preserving apparatus. G. H. Bingham, Jr. 2,384,721; Sept. 11.
Life-saving apparatus. W. J. Maloney. 2,368,558; Jan. 30.
Lifesaving device. C. L. Seichepine. 2,376,824; May 22.
Lifesaving device, swimming machine, and the like. J. S. Reeves. 2,368,569; Jan. 30.
Life-saving equipment. F. F. Patten. 2,366,455; Jan. 2.
Lifesaving suit. H. Holding. 2,379,963; July 10.
Lift. B. H. Stewart. 2,377,279; May 29.
Lift for farm tractors, Power. T. Brown and T. W. Paul. 2,377,127; May 29.
Lift for tractor buck rakes. J. W. Rutledge. 2,373,710; Apr. 17.
Lift, Hydraulic. C. V. Hansen. 2,381,664; Aug. 7.
Lifter: *See*—
- Beet lifter.
- Container lifter.
- Jar lifter.
- Pie pan lifter.
- Shoe toe lifter.
- Tie lifter.
- Valve lifter.

Lifter and carrier. R. F. Fink. 2,368,978; Feb. 6.
Lifter and carrier. R. F. Fink. 2,385,913; Oct. 2.
Lifter for batteries, Cable terminal. G. F. Colley. 2,375,081; May 1.
Lifter for machine tools, Tool. J. Daugherty. 2,387,012; Oct. 16.
Lifting apparatus. O. E. Dempsey. 2,390,241; Dec. 4.
Lifting apparatus, Bobbin. C. M. Asbill, Jr. 2,381,482; Aug. 7.
Lifting apparatus, Crane and the like load. P. Spiegel. 2,368,268; Jan. 30.
Lifting device. E. Bloch. 2,377,477; June 5.
Lifting device. W. S. Hickenlooper. 2,382,718; Aug. 14.
Lifting device for articles. J. J. Mueller and C. P. Meyer. 2,374,120; Apr. 17.
Lifting device, Vacuum. E. A. Cross. 2,376,576; May 22.
Lifting jack. G. E. Le Veque. 2,383,204; Aug. 21.
Lifting jack. J. C. McLaughlin. 2,388,004; Oct. 30.
Lifting jack. B. Phillips. 2,369,603; Feb. 13.
Lifting mechanism. C. D. P. Smallpeice. 2,384,774; Sept. 11.
Lifting mechanism, Door. T. Madland. 2,386,404; Oct. 9.
Lifting mechanism for sliding doors. F. Ditchfield. 2,386,385; Oct. 9.
Light: *See*—
- Approach light.
- Black-out marker light.
- Buoyant safety light.
- Electric safety water light.
- Floating signal light.
- Inspection light.
- Signal light.
- Spot-signal light.
- Traffic light.
- Traffic signal light.
- Vehicle signal light.

Light buoy, Seadrome contact. J. A. Diehl. 2,367,818; Jan. 23.
Light control for photographic printers. H. L. Fitch and S. L. Scudder. 2,378,206; June 12.
Light filter compound, Ultra violet. F. E. Stockelbach. 2,369,084; Feb. 6.
Light for aerial delivery containers, Identification. A. D. Dircksen and J. E. Golob. 2,376,330; May 22.
Light for airplanes, Running. D. D. Carruth. 2,375,075; May 1.
Light for vehicles, Blackout. W. Trautner. 2,370,823; Mar. 6.
Light gauge securing clip. E. G. Doke. 2,386,386; Oct. 9.
Light indicating switch. L. R. Harmon. 2,373,889; Apr. 17.
Light measuring method and system. R. L. Haynes. 2,390,833; Dec. 11.
Light metal, Method and apparatus for recovering a. R. J. McNitt. 2,382,434; Aug. 14.
Light metals, Recovery of. R. J. McNitt. 2,375,232; May 8.
Light meter. N. Miller. 2,373,327; Apr. 10.
Light meter. E. T. Turney. 2,371,559; Mar. 13.
Light polarizer and manufacture. E. H. Land and R. P. Blake. 2,380,363; July 10.
Light polarizing bodies, Producing. K. Meyer and H. Lapp. 2,390,162; Dec. 4.
Light polarizing image and manufacture. E. H. Land. 2,373,035; Apr. 3.
Light-polarizing material, Manufacturing. A. Thomas. 2,375,963; May 15.
Light polarizing screen and manufacture. C. W. Carnahan. 2,385,687; Sept. 25.
Light reflection from surfaces, Decreasing. H. Osterberg. 2,366,687; Jan. 2.
Light reflection, Preventing. C. W. Hansell. 2,376,428; May 22.
Light-restricting device. J. B. Bartow. 2,378,823; June 19.
Light restricting device. J. B. Bartow. 2,385,755; Sept. 25.
Light screening eye protection. F. D. Casier. 2,377,313; June 5.
Light sensitive apparatus. M. de Castro. 2,376,235; May 15.
Light signal. M. R. Douglass. 2,373,465; Apr. 10.
Light signal. A. L. Jerome. 2,368,762; Feb. 6.
Light source, Primary. B. T. Setchell. 2,372,857; Apr. 3.
Light structure. H. Dreyfus, D. Finlayson, and W. I. Taylor. 2,377,846; June 5.
Lighter, Burner. F. R. Higley. 2,374,431; Apr. 24.
Lighter, Cigarette. H. Negbaur. Re. 22,679; Oct. 9.
Lighter, Cigarette or cigar. T. H. Pattberg. 2,386,168; Oct. 2.
Lighter for cigarettes and the like. L. K. Davis. 2,381,726; Aug. 7.
Lighter for oil burner stoves. C. M. Breed. 2,372,174; Mar. 27.
Lighter, Fuse. L. S. Wincapaw. 2,367,915; Jan. 23.
Lighter, Gas torch. O. V. Malmquist. 2,384,844; Sept. 18.
Lighter, Oven burner. E. F. Dupuis. 2,381,152; Aug. 7.
Lighter, Paper strip. C. H. Bright. 2,376,116; May 15.
Lighter, Pyrophoric. B. Sándor. 2,368,070; Jan. 23.
Lighter, Remote burner. B. K. G. Ehnbom. 2,386,041; Oct. 2.
Lighter, Wind resisting. A. S. Weston. 2,372,238; Mar. 27.
Lighting: *See*—
- Fluorescent lighting.

Lighting control system. F. Willis, Jr. 2,380,486; July 31.
Lighting device. R. G. Maurette. 2,391,325; Dec. 18.
Lighting fixture. C. V. Bates. 2,388,029; Oct. 30.
Lighting fixture. J. Donnelly. 2,368,810; Feb. 6.
Lighting fixture. G. E. Eckert and V. I. Moe. 2,373,235; Apr. 10.
Lighting fixture. B. A. Mitchell. 2,376,801; May 22.
Lighting fixture. G. P. Wakefield. 2,381,630; Aug. 7.
Lighting fixture, Auxiliary. W. F. Burke. 2,389,762; Nov. 27.
Lighting fixture, Fluorescent. S. R. Naysmith. 2,390,807; Dec. 11.
Lighting system. K. L. Jones. 2,381,169; Aug. 7.
Lighting system. J. W. Lawson. 2,383,202; Aug. 21.
Lighting system, Traffic. H. Denis. 2,379,283; June 26.

Lighting tubes, Mounting for. E. E. Pooler. 2,390,385; Dec. 4.
Lighting unit. W. A. Pennow. 2,376,806; May 22.
Lightning arrester. E. J. Wade. 2,372,035; Mar. 20.
Lightning arrester and manufacture. R. H. Earle. 2,374,527; Apr. 24.
Lignin and production. R. Katzen. 2,380,448; July 31.
Lignin compounds and making same. C. Harmon. 2,371,136; Mar. 13.
Ligno-cellulose pulps from straw, Making. A. J. A. Asplund and J. W. Holst. 2,388,592; Nov. 6.
Limb, Artificial. L. G. Caron. 2,390,919; Dec. 11.
Limb-conforming device and making the same. B. Corn. 2,367,336; Jan. 16.
Lime-containing raw materials, Treatment of. H. C. and E. K. Lee, and R. A. Schoenlaub. 2,382,886; Aug. 14.
Lime flux and manufacture. W. J. Fulton. 2,376,998; May 29.
Lime from ores, Removing. G. A. Hatherell. 2,369,349; Feb. 13.
Lime in heavy-media separation process, Use of. N. Hedley and J. J. Kress. 2,385,079; Sept. 18.
Lime treating apparatus, Rotary. C. M. Shigley. 2,375,499; May 8.
Limestone spreader and the like, Powdered. C. L. Rosselot. 2,369,755; Feb. 20.
Limit control. H. F. Parker. 2,388,219; Oct. 30.
Limit switch. D. W. Exner. 2,389,350; Nov. 20.
Limonene, Preparation of. M. S. Kharasch and W. B. Reynolds. 2,382,641; Aug. 14.
Line appliance, Retractable. J. O. Johnston. 2,383,802; Aug. 28.
Line blind. L. S. Hamer. 2,386,893; Oct. 16.
Line connector device. J. L. Yonkers. 2,375,270; May 8.
Line detecting apparatus. O. D. Grandstaff. 2,387,897; Oct. 30.
Line for aircraft, Streamlined hinge. R. D. Bourne. 2,368,702; Feb. 6.
Line snatch. H. O. Koch. 2,370,358; Feb. 27.
Line take-up for power shovels, cranes, and the like. R. H. Zeilman. 2,385,906; Oct. 2.
Line testing and switching circuits, Automatic. B. Dysart. 2,379,069; June 26.
Line-up platen. J. Zalkind. 2,381,197; Aug. 7.
Line usage recorder circuit. F. B. Spencer. 2,383,826; Aug. 28.
Liner and perforation assembly, Gravel-packed. J. E. Eckel. 2,371,385; Mar. 13.
Liner, Flask or jug. A. S. Knapp. 2,376,064; May 15.
Liner for impact washers. O. C. Gruender and E. Werner. 2,378,475; June 19.
Liner hanger. D. L. Driscoll. 2,373,880; Apr. 17.
Lining for conduits, Insulation. A. L. Baker. 2,369,204; Feb. 13.
Lining for internally insulated fluid containers. J. G. and P. J. Traxler, Jr. 2,375,710; May 8.
Lining rotary furnaces. E. B. Story. 2,368,270; Jan. 30.
Linings, Making jordan engine. A. Le R. Bolton. 2,390,351; Dec. 4.
Link. H. B. Holroyd. 2,388,690; Nov. 13.
Link, Ammunition. G. E. Warren. 2,366,887; Jan. 9.
Link and chain forming mechanism. L. B. Campbell. 2,372,473; Mar. 27.
Link, Cartridge belt. R. S. Sanford. 2,390,331; Dec. 4.
Link, Chain. W. K. Robbins. 2,385,232; Sept. 18.
Link, Chain. H. St. Pierre. 2,368,271; Jan. 30.
Link, Detachable chain. H. St. Pierre. 2,382,344; Aug. 14.
Link, Fuse. C. W. Brown. 2,382,602; Aug. 14.
Link, Joiner. H. F. Parker. 2,387,606; Oct. 23.
Link, Metallic cartridge belt. D. O. Fuchs. 2,384,827; Sept. 18.
Link, Release. D. W. Cooper. 2,386,932; Oct. 16.
Link slide, Safety delivery. W. J. Droski. 2,385,064; Sept. 18.
Link, Yield. E. L. Shaw. 2,391,275; Dec. 18.
Links and ornamental fabric therefrom. E. W. Baggott. 2,381,860; Aug. 14.
Linkwork, Motion transmitting. P. F. Everett. 2,368,813; Feb. 6.
Linoleum composition. P. O. Powers. 2,389,078–9; Nov. 13.
Linoleum compositions. L. H. Dunlap. 2,382,212; Aug. 14.
Linoleum compositions, Manufacturing. V. Spencer. 2,371,074; Mar. 6.
Linoleum, Making. S. H. Hartman. 2,370,536; Feb. 27.
Linoleum manufacture, Molded inlaid. J. L. Berger. 2,389,836; Nov. 27.
Linoleum products, Manufacture of. J. W. Kemmler. 2,368,475; Jan. 30.
Linotype machine accessory. D. B. Ellis. 2,377,075; May 29.
Linter. J. C. Rogers and R. Sims. 2,372,796; Apr. 3.
Lipstick holder. H. L. Apfelbaum. 2,386,417; Oct. 9.
Lipstick holder. J. de Swart. 2,371,808; Mar. 20.
Lipstick holder. A. Mitchell. 2,368,997; Feb. 6.
Lipstick holder. A. G. Rosa. 2,379,105; June 26.
Lipstick holder. J. C. Seager. 2,368,044; Jan. 23.
Liquefied gas systems, Poppet changeover for. T. A. St. Clair. 2,391,043; Dec. 18.
Liquid actuated controlling device. J. A. Morgan. 2,377,710; June 5.
Liquid and gas separator. E. Gustafsson and J. W. Baur. 2,377,549; June 5.
Liquid applying machine. W. C. Card. 2,371,424; Mar. 13.
Liquid bath filter. C. J. Glanzer. 2,377,142; May 29.
Liquid clarification. E. M. Kelly, A. M. Kivari, R. P. Kite, E. J. Roberts, and D. B. Sutherland. Re. 22,701; Dec. 4.
Liquid coated compositions, coated objects, and making same. N. K. Chaney. 2,380,149; July 10.
Liquid coating compositions. J. J. Healy, Jr. 2,377,840; June 5.
Liquid congealing apparatus. J. N. Saler. 2,386,064; Oct. 2.
Liquid control mechanism. F. C. Mock. 2,390,658; Dec. 11.
Liquid cooled brake. H. T. Lambert. 2,373,572; Apr. 10.
Liquid detecting means. R. E. B. Wakefield. 2,386,412; Oct. 9.
Liquid dispenser. H. L. Blum. 2,370,119; Feb. 27.
Liquid dispenser equipment. T. A. Hutsell. 2,382,059; Aug. 14.
Liquid dispensing device. A. F. Christ. 2,371,028; Mar. 6.
Liquid division. R. E. Burk. 2,373,099; Apr. 10.
Liquid-ejecting apparatus. F. J. Lee. 2,381,607; Aug. 7.
Liquid-elevating apparatus. J. C. Reed. 2,391,105; Dec. 18.
Liquid expressing press. C. B. Upton. 2,369,192; Feb. 13.
Liquid filling apparatus. J. Torigian. 2,373,435; Apr. 10.
Liquid filter. T. H. Quinn. 2,369,915; Feb. 20.
Liquid fuel burner. R. W. De Lancey. 2,373,814; Apr. 17.
Liquid fuel burner. R. W. De Lancey. 2,390,059; Dec. 4.
Liquid fuel burner. J. F. Harvey and A. W. Hermandorfer. 2,369,046; Feb. 6.
Liquid fuel, Production of. F. Martin and H. Tramm. 2,368,939; Feb. 6.
Liquid fuel, Storing. M. C. Snyder. 2,389,168; Nov. 20.
Liquid gauge tube. N. Dobrzynski. 2,371,509; Mar. 13.
Liquid handling apparatus. P. W. Crist and S. G. Johansson. 2,368,746; Feb. 6.
Liquid hardeners and preparing, Concentrated. H. D. Russell. 2,378,247; June 12.
Liquid heater. H. W. Hayward. 2,386,949; Oct. 16.
Liquid heater. H. J. McCollum. 2,373,767; Apr. 17.
Liquid heating apparatus. R. A. Ekstrom, Jr. 2,375,840; May 15.
Liquid heating apparatus. J. H. Reifenberg. 2,375,871; May 15.
Liquid level control means. A. Burckhardt and J. V. Edman. 2,374,076; Apr. 17.
Liquid level follow-up device. P. T. Sprague. 2,382,516; Aug. 14.
Liquid level gauge. B. Clason. 2,373,292; Apr. 10.
Liquid level gauge. A. J. Rosenberger. 2,368,616; Feb. 6.
Liquid level gauge. E. E. Van Ham. 2,382,946; Aug. 14.
Liquid level gauge. J. F. Werder. 2,370,099; Feb. 20.
Liquid level indicator. R. W. Blake. 2,382,377; Aug. 14.
Liquid level indicator. F. E. Grapes. 2,383,187; Aug. 21.
Liquid level indicator. L. B. Winton. 2,391,852; Dec. 25.
Liquid level switch. J. R. Muma, E. J. Wilson, Jr., and R. Haskins, Jr. 2,376,377; May 22.
Liquid lift. C. A. Neely. 2,390,265; Dec. 4.
Liquid materials, Solidified normally. A. J. Laliberte. 2,386,804; Oct. 16.
Liquid measuring apparatus. D. G. Anderson and W. B. Fairfield. 2,388,662; Nov. 13.
Liquid meter. J. A. Swindle. 2,383,226; Aug. 21.
Liquid meter. S. M. Udale. 2,367,543; Jan. 16.
Liquid metering device. T. A. Baker. 2,385,784; Oct. 2.
Liquid proportioning apparatus. F. W. James. 2,368,990; Feb. 6.
Liquid pump. H. C. French. 2,368,132; Jan. 30.
Liquid pump. M. R. Sheen. 2,367,893; Jan. 23.
Liquid purification. L. R. Feinauer and R. S. Payne. 2,383,302; Aug. 21.
Liquid seal and flow gauge. H. A. Sholl, Jr. 2,370,755; Mar. 6.
Liquid seal vent. R. C. Ulm. 2,367,158; Jan. 9.
Liquid sealed pump. H. E. La Bour. 2,381,823; Aug. 7.
Liquid sealed vent valve. J. H. Wiggins. 2,384,147; Sept. 4.
Liquid sealing method. O. J. De Sylva. 2,368,645; Feb. 6.
Liquid slip regulator. C. B. Huston. 2,367,025; Jan. 9.
Liquid-solid separation. A. H. Schutte. 2,370,999; Mar. 6.
Liquid stop, Safety. J. B. Green. 2,388,481; Nov. 6.
Liquid, Supplying clarified. A. Latham, Jr. 2,381,760; Aug. 7.
Liquid-supplying device. J. L. Schwabe, Jr. 2,389,820; Nov. 27.
Liquid supplying means. P. S. Russel. 2,377,185; May 29.
Liquid transmission device. F. W. Guibert. 2,368,019; Jan. 23.
Liquid trap. R. Poole. 2,381,837; Aug. 7.
Liquid treating apparatus. A. Eaton. 2,367,851; Jan. 23.

Liquid treating apparatus. W. W. Gurney. 2,366,898; Jan. 9.
Liquid treating apparatus. F. B. Harvuot. 2,374,094; Apr. 17.
Liquid treating apparatus. F. D. Prager. 2,391,738; Dec. 25.
Liquid treating apparatus and process. W. H. Green. 2,368,354; Jan. 30.
Liquid treating apparatus and process. W. H. Green. 2,391,697; Dec. 25.
Liquid treating method. G. C. Supplee, O. G. Jensen, and G. E. Flanigan. 2,382,033; Aug. 14.
Liquid treatment. A. S. Behrman and H. B. Gustafson. 2,376,897; May 29.
Liquid treatment. J. J. Felsecker. 2,377,545; June 5.
Liquid treatment. E. A. Kamp and F. D. Prager. 2,370,356; Feb. 27.
Liquid treatment. E. W. Welp. 2,373,154; Apr. 10.
Liquid treatment of filamentary materials. R. W. Stanley and H. J. McDermott. 2,377,655; June 5.
Liquids, Distilling. R. C. Ford. 2,375,640; May 8.
Liquids, Method of and apparatus for degassing. T. C. Baker. 2,376,221; May 15.
Liquids, Noncorrosive. E. H. Keller. 2,373,570; Apr. 10.
Liquids, Purification of. R. F. Clemens. 2,375,282; May 8.
Liquids, Purification of organic. J. A. Patterson and R. J. Ozol. 2,386,058; Oct. 2.
Liquids, Treatment of. L. W. Hinton. 2,369,232; Feb. 13.
Liquor, Decomposition of sodium aluminate. H. Tiedemann. 2,380,804; July 31.
Liquor hydrolysis, Titanium. H. M. Stark. 2,369,262; Feb. 13.
Liquor, Treating fish press. S. H. Lassen. 2,372,677; Apr. 3.
Liquors, Distilling spirituous. H. F. Willkie. 2,383,176; Aug. 21.
Liquors, Treating Friedel-Crafts reaction. H. A. Robinson. 2,376,088; May 15.
Lister. W. H. Silver. 2,373,920; Apr. 17.
Lister attachment for tractors. H. H. Blalock. 2,368,631; Feb. 6.
Listing calculator. L. P. Crosman. 2,375,976; May 15.
Lithographic plate making apparatus. J. T. Campbell. 2,390,497; Dec. 11.
Lithographic plates, Preparation of. C. F. King. 2,390,944; Dec. 11.
Litter. E. Winer and A. Winer. 2,387,376; Oct. 23.
Litter, Folding. J. B. and S. G. Thomson. 2,378,809; June 19.
Litter, Poultry. L. P. Dreyling. 2,376,672; May 22.
Litter supporting apparatus. G. H. Windsor. 2,391,051; Dec. 18.
Live collet for screw machines. D. I. Wilson. 2,369,330; Feb. 13.
Load and altitude control. G. M. Holley, Jr. 2,367,499; Jan. 16.
Load-carrying member. M. Watter. 2,382,835; Aug. 14.
Load-controlling apparatus for compress. P. A. Yerger. 2,372,923; Apr. 3.
Load distribution of pluralities of generator units or other energy transmission units supplying a common load. Control of the. P. G. Kaufman. 2,366,968; Jan. 9.
Load handling apparatus. A. Mackmann and W. F. Ardussi. 2,391,580; Dec. 25.
Load handling mechanism. C. W. Morrison. 2,388,987; Nov. 13.
Load indicating hydraulic jack. H. O. Hem. 2,380,362; July 10.
Load protecting mechanism. C. W. Ackerman and E. A. Fierbaugh. 2,388,304; Nov. 6.
Load-stress converter. H. J. Sang. 2,370,196; Feb. 27.
Loader. J. N. Fees. 2,381,892; Aug. 14.
Loader, Bale. I. Z. Smoker. 2,367,970; Jan. 23.
Loader, Baled hay. F. G. Lewis. 2,372,902; Apr. 3.
Loader for self-propelled vehicles, Front end. J. W. Crabtree. 2,389,029; Nov. 13.
Loader, Front end. W. Armstrong. 2,391,538; Dec. 25.
Loader, Manure. F. H. Kent. 2,370,248; Feb. 27.
Loader, Mine car. D. W. Poston. 2,381,515; Aug. 7.
Loader, Portable. W. C. Steinmetz. 2,387,189; Oct. 16.
Loader, Scoop. T. R. Taggart. 2,386,410; Oct. 9.
Loader, Vehicle. R. C. Shoemaker. 2,388,015; Oct. 30.
Loader with diagonal belt, Conveyer. R. Q. Armington, S. F. Armington, and G. E. Armington. 2,386,187; Oct. 9.
Loading and unloading apparatus. V. E. Hamilton, Jr. 2,371,887; Mar. 20.
Loading and unloading of work in machine tools. W. F. Groene and W. R. Meyer. Re. 22,621; Mar. 20.
Loading device. A. R. Henry. 2,379,523; July 3.
Loading device. W. Strauss. 2,385,311; Sept. 18.
Loading device for manure spreaders. I. E. Oberkamper. 2,368,422; Jan. 30.
Loading device, Material. C. A. Onofrio. 2,388,436; Nov. 6.
Loading, hauling, and unloading equipment. J. J. Hay. 2,386,216; Oct. 9.
Loading machine. E. M. Arentzen. 2,376,857; May 29.
Loading machine. J. L. Clarkson and A. B. Jackson. 2,370,147; Feb. 27.
Loading machine. F. D. Grim. 2,380,167; July 10.
Loading machine. A. S. Knoizen and J. F. Joy. 2,367,784; Jan. 23.
Loading machine. N. D. Levin. 2,365,536; Jan. 2.
Loading machine. E. G. Lewis. 2,377,505; June 5.
Loading machine. J. E. Ryan. 2,383,686; Aug. 28.
Loading mechanism. P. F. Skoog. 2,376,457; May 22.
Loading, Negative resistance. M. K. Zinn. 2,373,624; Apr. 10.
Loading rack. B. Goode. 2,368,016; Jan. 23.
Loading station for endless conveyers. K. Prins. 2,367,609; Jan. 16.
Locating and securing device. W. H. J. Brock. 2,374,270; Apr. 24.
Locating bottom of oil production. D. Silverman. 2,384,648; Sept. 11.
Lock: *See*—

Adjustable nut lock.
Airplane door lock.
Automatic door lock.
Automatic fish lock.
Automatic sculling oar lock.
Automobile wheel lock.
Ball gear lock.
Bead lock.
Combination lock.
Combined door and window lock.
Cylinder lock.
Door lock.
Drawer lock.
Electric lock.
Front door lock.
Galley lock.
Gate lock.
Gear shifter lock.
Hasp lock.
Jewelry lock.
Key controlled lock.
Key lock.
Landing gear lock.
Luggage lock.
Magnetic lock.
Manhole cover lock.
Mold lock.
Nut lock.
Pin tumbling lock.
Resilient nut lock.
Revolver crank lock.
Rudder tiller lock.
Safety lock.
Screen and door lock.
Spool cap lock.
Tailstock lock.
Tank lock.
Thread lock.
Tire bead lock.
Tool head lock.
Universal rotary drive lock.
Valve lock.
Washer and cotter pin lock.
Water lock.
Window lock.

Lock. A. S. Karczewski. 2,386,868; Oct. 16.
Lock. R. K. Kind and R. H. Konikoff. 2,370,800; Mar. 6.
Lock. R. Marple. 2,374,223; Apr. 24.
Lock. B. H. Roberts. 2,369,856; Feb. 20.
Lock. M. Schnur. 2,390,467; Dec. 4.
Lock and fastening device. L. W. Young. 2,381,633; Aug. 7.
Lock and switch, Ignition. R. J. Beagles. 2,391,119; Dec. 18.
Lock device. E. N. Jacobi. 2,379,440; July 3.
Lock, Door. H. G. Voight. Re. 22,622; Mar. 20.
Lock fastener. D. M. Richey. 2,390,173; Dec. 4.
Lock for airplane doors or the like. S. Oxhandler. 2,381,512; Aug. 7.
Lock for automatic recoil-operated weapons, Gas-operated. D. W. Bloomquist. 2,372,542; Mar. 27.
Lock for mine cars, Latch. R. A. Shields. 2,376,826; May 22.
Lock for screw threads, Friction. R. Ensinger and J. H. Foote. 2,384,668; Sept. 11.
Lock for vending machines, Empty. E. H. Thompson. 2,383,229; Aug. 21.
Lock forming apparatus, Vacuum tube mode. E. Sirp. 2,367,147; Jan. 9.
Lock, latch, and the like. E. C. Deal. 2,390,076; Dec. 4.
Lock mechanism, Adjustable cylinder. S. Oxhandler. 2,381,136; Aug. 7.
Lock mechanism for doors. W. Falk. 2,370,646; Mar. 6.
Lock nut. O. Barr. 2,374,266; Apr. 24.
Lock-nut. R. T. Hosking. 2,370,352; Feb. 27.
Lock nut. S. Isakson. 2,367,399; Jan. 16.
Lock nut. E. A. Miller. 2,379,980; July 10.
Lock-nut. H. P. Randall. 2,391,513; Dec. 25. Dec. 25.
Lock nut and making same. W. C. Beach. 2,367,259; Jan. 16.
Lock nut device. A. A. Sargent, Jr. 2,381,936; Aug. 14.
Lock or latch. B. L. Cullum. 2,370,781; Mar. 6.
Lockout device, Fluid. C. B. Seymour. 2,375,498; May 8.
Lock release, Brake pedal. M. Maiwald. 2,388,002; Oct. 30.
Lock ring. F. H. LeJeune. 2,367,788; Jan. 23.
Lock strip and structural member, Combination. R. M. Brown. 2,373,808; Apr. 17.
Lock stud. F. Le B. Lord. 2,388,273; Nov. 6.
Lock washer. V. Pierce. 2,370,912; Mar. 6.
Lockable hasp fastener. A. J. Komenak. 2,374,687; May 1.
Locker room, Refrigerated food. G. B. Quatman. 2,375,688; May 8.
Locket latch. J. M. Slain. 2,377,816; June 5.
Locking and setting device. J. T. Phipps. 2,389,869; Nov. 27.
Locking device. O. H. Basquin. 2,371,121; Mar. 6.
Locking device. O. De Cardy. 2,389,424; Nov. 20.
Locking device. R. A. Martin and A. W. Say. 2,391,724;
Locking device. F. C. Murray. 2,374,297; Apr. 24.
Locking device for folding chairs. W. E. Clarin. 2,381,574; Aug. 7.
Locking device for load supporting pins. L. G. Ehmann. 2,369,344; Feb. 13.

Locking device for remote control and other force transmitting systems. J. K. Simpson. 2,384,201; Sept. 4.
Locking device for telescoping members. S. E. Butler. 2,367,196; Jan. 16.
Locking device, Safety. D. Samiran. 2,385,381; Sept. 25.
Locking device, Slide fastener tab. A. E. Johnson. 2,383,197; Aug. 21.
Locking device, Threaded. R. W. Luce. 2,376,927; May 29.
Locking device, Window. T. Hannon. 2,380,694; July 31.
Locking for screw threaded male parts. D. Nield. 2,371,595; Mar. 13.
Locking means for apparatus assemblies. E. W. Breisch and P. N. Bossart. 2,370,003; Feb. 20.
Locking means for race horse starting gates. K. C. Goodman. 2,381,903; Aug. 14.
Locking mechanism. F. Schlifer. 2,373,783; Apr. 17.
Locking mechanism, Aircraft. A. Bondar. 2,371,673; Mar. 20.
Locking mechanism for doors. L. O. Cederwall. 2,375,196; May 8.
Locking mechanism for electric switches. J. M. Anderson. 2,289,400; Nov. 20.
Locking mechanism for file drawers. J. R. Jones. 2,379,157; June 26.
Locking mechanism for typewriting calculating machines. H. E. Kammel. 2,369,574; Feb. 13.
Locking mount. K. E. Schonert and W. C. Hatfield. 2,376,280; May 15.
Locking pin. P. Jepson. 2,370,171; Feb. 27.
Locking sectional handle. E. J. Mason. 2,371,639; Mar. 20.
Locking spur, Springing nut with. G. W. Plumb. 2,379,593; July 3.
Locking system for automobiles, Electrical coincidental. R. N. Ward. 2,371,370; Mar. 13.
Locking valve. J. Mercier. 2,385,016; Sept. 18.
Locking wrench. W. I. Truby. 2,385,660; Sept. 25.
Locomotive. E. Gray. 2,386,679; Oct. 9.
Locomotive. S. Marchak. 2,379,021; June 26.
Locomotive booster recorder. F. D. Welden. 2,380,001; July 10.
Locomotive control system. C. E. Baston and L. J. Hibbard. 2,367,919; Jan. 23.
Locomotive control system. C. E. Baston. 2,369,997; Feb. 20.
Locomotive control system. T. L. Weybrew. 2,374,060; Apr. 17.
Locomotive driver liner structure. J. J. Hennessy. 2,377,418; June 5.
Locomotive firebox equipment. C. A. Siegel. 2,367,532; Jan. 16.
Locomotive gear drive. W. A. Brecht. 2,370,002; Feb. 20.
Locomotive, High-wheeled. W. E. Woodard. 2,366,465; Jan. 2.
Locomotive power drive. E. Gray. 2,387,843; Oct. 30.
Locomotive power reverse gear. W. E. Woodard. 2,385,957; Oct. 2.
Locomotive spark arrester. L. H. Jones. 2,379,007; June 26.
Locomotive, Steam. G. A. Silversparre. 2,387,950; Oct. 30.
Locomotive, Steam-turbine. F. L. Alben. 2,386,186; Oct. 9.
Locomotive superheater. J. S. Coffin, Jr., and C. A. Schellens. 2,379,217; June 26.
Locomotive suspension. A. J. Townsend. 2,371,323; Mar. 13.
Locomotive, Turbine. C. Kerr, Jr. 2,387,913; Oct. 30.
Locomotive with high accumulator pressure, Fireless. P. Gilli. 2,367,114; Jan. 9.
Log bunk. F. W. Chriswell. 2,382,002; Aug. 14.
Log carrier. E. K. Allen. 2,376,953; May 29.
Log grab hook. R. F. Kerstetter. 2,372,724; Apr. 3.
Logging bunk, Spring mounted. A. Benz. 2,371,602; Mar. 20.
Logging, Well. C. R. Hocott. 2,387,513; Oct. 23.
Logging, Well. W. D. Mounce. 2,376,168; May 15.
Logging, Well. D. Silverman. 2,389,241; Nov. 20.
Logging wells, Method and apparatus for. D. G. C. Hare. 2,381,904; Aug. 14.
Long-chain tertiary amines, Production of. J. E. Kirby. 2,366,534; Jan. 2.
Loom: *See*—
Convertible weft re-plenishing loom.
Electro-pneumatic loom.
Hand loom.
Harness loom.
Interlacing needle loom.
Weft replenishing loom.
Weft replenishing, pick-and-pick, filling mixing loom.
Loom. F. G. Cobb. 2,373,293; Apr. 10.
Loom. S. J. Geddings. 2,384,909; Sept. 18.
Loom. S. P. Parker. 2,382,741; Aug. 14.
Loom. A. R. and E. R. Pedrazzo. 2,374,951–2; May 1.
Loom. H. L. Shuttleworth. 2,389,091; Nov. 13.
Loom. J. Vanore. 2,371,562; Mar. 13.
Loom. L. J. Zerbee. 2,383,903; Aug. 28.
Loom construction. A. Fox and H. J. Dudley. 2,382,048; Aug. 14.
Loom grate cleaner. J. K. Cooper. 2,367,564; Jan. 16.
Loom harness stop motion. T. J. Sanders. 2,368,427; Jan. 30.
Loom reed. V. F. and S. F. McLane. 2,383,140; Aug. 21.
Loom stop motion. J. Neubauer. 2,369,844; Feb. 20.
Loom stopping means. C. D. Brown. 2,378,895; June 26.
Looms, Shuttle check for. E. A. Santon. 2,390,963; Dec. 11.
Loop-circuit supervisory system. E. L. Harder. 2,390,788; Dec. 11.
Loop pickers, Method and apparatus for molding. H. M. Bacon. 2,369,636; Feb. 20.
Loop-plush fabric, Production of. M. Nebel. 2,379,852; July 3.
Loop, Slide. G. H. Elwell. 2,383,049; Aug. 21.
Loop, Slide. G. H. Elwell. 2,383,298; Aug. 21.
Loop-takers for sewing machines, Vertical-axis rotary. J. G. G. Batting. 2,370,930; Mar. 6.
Looper mechanism, Sewing machine. E. Muecke. 2,389,867; Nov. 27.
Loose-leaf binder. C. T. Cadwallader. 2,374,635; Apr. 24.
Loose leaf binder and the like, Nonmetallic. W. C. Broadwell. 2,374,803; May 1.
Loose-leaf filing device. H. R. Federn. 2,372,717; Apr. 3.
Loose-leaf holder. L. W. Evans. 2,376,423; May 22.
Loosely dumped filling body. H. Frischer. 2,376,349; May 22.
Loosening a corrosion frozen metal-to-metal joint. Z. Deshaw. 2,371,033; Mar. 6.
Loud-speaker. P. W. Klipsch. 2,373,692; Apr. 17.
Loud-speaker. M. F. Lucas. 2,386,964; Oct. 16.
Loud speaker. J. P. Quam. 2,380,869; July 31.
Loud speaker, Double diaphragm. E. D. Cook. 2,371,951; Mar. 20.
Loud-speaker, Horn. J. Hegener. 2,390,834; Dec. 11.
Louver. V. E. Huff. 2,375,176; May 1.
Louver construction, Tropical. W. A. Andresen and L. Boero. 2,386,380; Oct. 9.
Louver, Slant roof. F. H. Leslie. 2,382,076; Aug. 14.
Louver, Vertical wall. F. H. Leslie. 2,382,075; Aug. 14.
Low melting point alloys, Purification of. A. B. Richards and J. T. O'Reilly. 2,391,516; Dec. 25.
Lowering device for large cartridges. T. Dove, Jr. 2,387,701; Oct. 23.
Lubricant. A. L. Bayes. 2,384,002; Sept. 4.
Lubricant. H. T. Bennett and J. R. Marshall. 2,390,491–2; Dec. 11.
Lubricant. D. E. Bergen. 2,368,106; Jan. 30.
Lubricant, D. E. Bergen. 2,385,964; Oct. 2.
Lubricant. F. B. Downing and H. M. Fitch. 2,382,781; Aug. 14.
Lubricant. E. A. Evans. 2,367,344; Jan. 16.
Lubricant. B. B. Farrington. 2,370,300; Feb. 27.
Lubricant. L. S. Galstaun. 2,384,023; Sept. 4.
Lubricant. R. D. Herlocker, M. P. Kleinholz, and F. M. Watkins. 2,368,022–3; Jan. 23.
Lubricant. R. D. Herlocker, M. P. Kleinholz, and F. M. Watkins. 2,388,057–9; Oct. 30.
Lubricant. L. P. Jehle. 2,384,551; Sept. 11.
Lubricant. S. E. Jolly. 2,380,531; July 31.
Lubricant. G. Kaufman and S. R. Philson. 2,367,355; Jan. 16.
Lubricant. E. Lieber. 2,382,730; Aug. 14.
Lubricant. B. H. Lincoln and G. D. Byrkit. 2,371,631; Mar. 20.
Lubricant. B. H. Lincoln and G. D. Byrkit. 2,386,222; Oct. 9.
Lubricant. R. F. McCleary and J. E. Fields. 2,366,539; Jan. 2.
Lubricant. L. W. Mixon and C. M. Loane. 2,377,955; June 12.
Lubricant. J. D. Morgan. 2,383,917; Aug. 28.
Lubricant. M. Reswick. 2,388,083; Oct. 30.
Lubricant. W. B. Ross, W. J. Backoff, and N. D. Williams. 2,371,319; Mar. 13.
Lubricant. J. B. Stucker. 2,382,115; Aug. 14.
Lubricant and preparation. E. Lieber and R. M. Dean. 2,383,869; Aug. 28.
Lubricant and preparing and using same. M. Reswick. 2,377,106; May 29.
Lubricant and preparing same. W. A. Whittier. 2,382,121; Aug. 14.
Lubricant and preparing the lubricant additive for this lubricant, Stabilized. N. D. Williams and W. J. Backoff. 2,375,061; May 1.
Lubricant and preparing the same. A. Lazar, P. M. Ruedrich, and R. L. Frazier. 2,371,763; Mar. 20.
Lubricant composition, Stabilized. W. Schreiber. 2,370,080; Feb. 20.
Lubricant compositions. H. G. Smith and T. L. Cantrell. 2,371,655–6; Mar. 20.
Lubricant compositions and making the same. H. G. Smith and T. L. Cantrell. 2,371,852; Mar. 20.
Lubricant, Compounded. B. B. Farrington. 2,370,299; Feb. 27.
Lubricant conditioner. F. B. Harvuot. 2,388,636; Nov. 6.
Lubricant control valve. E. W. Davis. 2,378,985; June 26.
Lubricant, Goldbeater's. D. D. Swift. 2,391,654; Dec. 25.
Lubricant heating system for turbo-supercharges and the like. J. C. Buechel. 2,388,523; Nov. 6.
Lubricant manufacture. R. E. Darley. 2,382,694; Aug. 14.
Lubricant manufacture. J. C. Zimmer. 2,383,904; Aug. 28.

Lubricant, Pneumatic tool. D. L. Wright. 2,389,227; Nov. 20.
Lubricant, Semifluid chassis or track roller. A. J. Morway and J. C. Zimmer. 2,379,245; June 26.
Lubricant, Synthetic. B. H. Lincoln, G. D. Byrkit, and W. L. Steiner. 2,367,133; Jan. 9.
Lubricants. E. W. Adams and G. W. Flint. 2,383,033; Aug. 21.
Lubricants. A. Beerbower and J. C. Zimmer. 2,372,052; Mar. 20.
Lubricants. W. P. Hilliker. 2,386,553; Oct. 9.
Lubricants. E. Lieber and A. F. Cashman. 2,369,149; Feb. 13.
Lubricants. R. F. McCleary. 2,389,527; Nov. 20.
Lubricants. L. W. Mixon and C. M. Loane. 2,367,468; Jan. 16.
Lubricants. J. D. Morgan. 2,379,850; July 3.
Lubricants. J. D. Morgan. 2,383,146; Aug. 21.
Lubricants. J. D. Morgan. 2,383,915–16; Aug. 28.
Lubricants. J. A. Patterson and R. F. McCleary. 2,375,579; May 8.
Lubricants. J. A. Patterson and R. F. McCleary. 2,388,074; Oct. 30.
Lubricants. J. A. Smith. 2,378,803; June 19.
Lubricants. J. C. Zimmer and G. M. McNulty. 2,383,905; Aug. 28.
Lubricants and manufacturing the same. A. H. Gleason. 2,379,229; June 26.
Lubricants and preparation thereof. E. Lieber and C. E. Hodges. 2,383,605; Aug. 28.
Lubricants and preparing same. J. G. McNab and W. T. Watkins, Jr. 2,379,241; June 26.
Lubricants, etc., Beneficiating. R. E. Burk and E. C. Hughes. 2,367,264; Jan. 16.
Lubricants containing di-phosphorus esters. E. F. Engelke. 2,373,670; Apr. 17.
Lubricants, Gear. H. G. Smith. 2,377,654; June 5.
Lubricants, Making. M. Pier and F. Christmann. 2,376,807; May 22.
Lubricants, Low temperature. J. D. Morgan. 2,387,170; Oct. 16.
Lubricants, Low temperature. J. D. Morgan. 2,389,924; Nov. 27.
Lubricants, Preparation of. J. M. Musselman. 2,383,495; Aug. 28.
Lubricants, Production of. H. M. Fraser. 2,380,960; Aug. 7.
Lubricants, Stabilized. N. D. Williams and W. J. Backoff. 2,375,060; May 1.
Lubricated gate valve. W. J. Wiehl. 2,383,099; Aug. 21.
Lubricated plug valve. C. I. Hummer. 2,373,832; Apr. 17.
Lubricated plug valve. D. M. Knox. 2,373,964–5; Apr. 17.
Lubricated valve. R. Clade. 2,373,742; Apr. 17.
Lubricated valve. F. H. Mueller and W. J. Bowan 2,368,768; Feb. 6.
Lubricated wedge seal valve. W. Kerr and W. G. Stolberg. 2,389,670; Nov. 27.
Lubricating and corrosion-preventing composition. J. E. Shields and U. B. Bray. 2,389,090; Nov. 13.
Lubricating and plasticizing composition, Rubber. M. Omansky. 2,388,618; Nov. 6.
Lubricating and sealing compound. S. C. Carney. 2,374,650; May 1.
Lubricating arrangement for power driven saws. W. T. Melvin and R. L. Rougemont. 2,391,730; Dec. 25.
Lubricating composition. J. F. Cook. 2,382,860; Aug. 14.
Lubricating composition. A. H. Gleason. 2,366,517; Jan. 2.
Lubricating composition. W. Helmore. 2,391,311; Dec. 18.
Lubricating composition. L. C. Kemp, Jr. 2,381,127; Aug. 7.
Lubricating composition. L. C. Kemp, Jr. 2,389,513; Nov. 20.
Lubricating composition. B. H. Lincoln and G. D. Byrkit. 2,368,670; Feb. 6.
Lubricating composition. J. C. Zimmer and A. J. Morway. 2,391,113; Dec. 18.
Lubricating composition, a wax depresser therefor and its method of preparation. E. Lieber. 2,366,735; Jan. 9.
Lubricating composition, Preparing a. J. F. Werder. 2,372,414; Mar. 27.
Lubricating compositions. E. W. Cook and W. D. Thomas, Jr. 2,368,000; Jan. 23.
Lubricating device. W. A. Berg. 2,369,428; Feb. 13.
Lubricating device. G. R. Eitner. 2,384,824; Sept. 18.
Lubricating device. B. F. Pease, Jr. Re. 22,647; May 29.
Lubricating device, Car journal. C. L. Howard. 2,385,280; Sept. 18.
Lubricating device for sewing machine loop-takers. F. Parry. 2,367,046; Jan. 9.
Lubricating device for sewing machine loop-takers. F. Parry. 2,383,152; Aug. 21.
Lubricating device for sewing machines. F. Parry. 2,381,685; Aug. 7.
Lubricating device for sewing machines. S. Zonis. 2,387,968; Oct. 30.
Lubricating device, Journal. E. C. and M. C. Jeffers. 2,386,121; Oct. 2.
Lubricating greases. J. D. Morgan. 2,391,842; Dec. 25.
Lubricating means, Bearing. A. H. Morey. 2,380,985; Aug. 7.
Lubricating system. W. M. Malott. 2,385,522; Sept. 25.
Lubricating system, Centralized. E. W. Davis. 2,368,808; Feb. 6.
Lubricating system for aircraft superchargers. W. H. Allen. 2,391,000; Dec. 18.
Lubricating system for aircraft superchargers. W. L. Reed. 2,370,581; Feb. 27.
Lubricating system for cloth shearing machines. W. N. Hadley. 2,377,146; May 29.
Lubricating system for internal-combustion engines, Valve. C. T. Doman. 2,381,339; Aug. 7.
Lubricating system for machine tools. W. G. Baldenhofer. 2,384,590; Sept. 11.
Lubrication. A. T. Knutson and E. F. Graves. 2,387,999; Oct. 30.
Lubrication. E. H. Kocher. 2,382,426; Aug. 14.
Lubrication, Cylinder bore. H. F. Barr. 2,375,612; May 8.
Lubrication indicator. E. B. Glendenning. 2,368,593; Jan. 30.
Lubrication material, Goldbeater. D. D. Swift. 2,391,653; Dec. 25.
Lubrication of automotive tires. M. B. Boyce. 2,388,114; Oct. 30.
Lubrication system control valve. L. T. Miller. 2,383,878; Aug. 28.
Lubrication system for fuel injecting pumps. W. T. Tabb. 2,370,506; Feb. 27.
Lubrication system for valves, Dual. A. S. Volpin. 2,368,183; Jan. 30.
Lubricator: *See*—
Conveyer lubricator.
Hand operated tank lubricator.
Wheel flange lubricator.
Lubricator for meat slicing machine belts. G. H. Harry. 2,379,298; June 26.
Lubricator structure, Journal. J. J. Hennessy. 2,390,367; Dec. 4.
Lug, Tractor. R. J. Van De Hey. 2,377,195; May 29.
Luggage, Article of. D. A. Russell. 2,370,492; Feb. 27.
Luggage handle clip. G. Lipschutz. 2,368,934; Feb. 6.
Luggage lock. F. K. Heyer. 2,388,227; Oct. 30.
Lumber, Producing artificial. P. Kenda. 2,373,690; Apr. 17.
Luminaire. K. Franck. 2,368,014; Jan. 23.
Luminaire. T. W. Rolph. 2,366,356; Jan. 2.
Luminaire for use with tubular fluorescent lamps. W. J. Strassburger and V. W. Hunter. 2,385,040; Sept. 18.
Luminescent material. H. M. Fernberger. 2,372,071; Mar. 20.
Luminescent tube system. J. H. Bridges. 2,370,635; Mar. 6.
Luminescent tube system and apparatus. C. P. Boucher and F. A. Kuhl. 2,370,633; Mar. 6.
Luminous article and method. J. R. Lynch. 2,372,903; Apr. 3.
Lunch box. V. W. Busch. 2,390,638; Dec. 11.
Lure, Fish. C. Wood. 2,382,595; Aug. 14.
Lure, Fishing. J. Helfenstein. 2,385,986; Oct. 2.
Lutidine-urea compounds, Production of. G. Riethof. 2,376,008; May 15.
M-cresol or p-cresol, Recovering substantially pure. K. H. Engel. 2,382,142; Aug. 14.
Machine and making cellulose films and the like. E. Czapek. 2,371,155; Mar. 13.
Machine and the like, Mold cutting. R. Atti. 2,379,419; July 3.
Machine assembly, Multiple-operation. W. K. Millholland. 2,371,906; Mar. 20.
Machine construction. J. B. Giern and A. P. Anholtt. 2,378,212; June 12.
Machine control. E. M. Schenk. 2,387,532; Oct. 23.
Machine control mechanism. R. Jongedyk. 2,369,298; Feb. 13.
Machine drive and control. E. M. Runquist and L. A. Ederer. 2,387,185; Oct. 16.
Machine feed mechanism. T. H. Ljunggren. 2,368,992; Feb. 6.
Machine for and making filled capsules. B. C. Cowley. 2,387,747; Oct. 30.
Machine for applying fasteners to paper booklets. O. F. Goepfert. 2,390,096; Dec. 4.
Machine for applying multicolored flock. J. W. Riggenbach. 2,388,999; Nov. 13.
Machine for applying sealing compound to container ends. P. E. Pearson and A. Treff. 2,391,341; Dec. 18.
Machine for applying strips of material to curved surfaces. H. G. Steinmetz. 2,390,398; Dec. 4.
Machine for assembling retainers. H. L. Potter. 2,376,081; May 15.
Machine for assembling shafts and armature cores. L. E. Poole. 2,390,170; Dec. 4.
Machine for assembling uppers and their lasts. E. A. Holmgren. 2,375,788; May 15.
Machine for automatically grinding thread gauges and the like. W. J. Bauer. 2,380,286; July 10.
Machine for bending articles. O. J. E. Olsson. 2,371,464; Mar. 13.
Machine for bending bars and the like. R. M. Shaw, Jr. 2,369,923; Feb. 20.
Machine for bending tubes. D. B. Nivison. 2,367,602; Jan. 16.
Machine for boring. G. A. De Vlieg. 2,383,958; Sept. 4.
Machine for bundling tubular articles and the like. I. B. Gruber and W. L. Zemberry. 2,387,658; Oct. 23.

Machine for cleaning hair and scalp. J. Ellis. 2,387,893; Oct. 30.
Machine for coating textile fabrics. J. Lloyd. 2,377,637; June 5.
Machine for coloring cigarette wrappers. H. Friedwald. 2,366,187; Jan. 2.
Machine for cooking, dehydrating, and/or cooling foodstuffs. H. K. de Weerth. 2,374,425; Apr. 24.
Machine for cooking, dehydrating and/or cooling foodstuffs. H. K. de Weerth. 2,374,587; Apr. 24.
Machine for crimping sheet metal. C. M. Yoder. 2,370,702; Mar. 6.
Machine for cutting articles. C. A. Martin. 2,377,437; June 5.
Machine for cutting gears. A. H. Candee and L. O. Carlsen. 2,385,330; Sept. 25.
Machine for cutting objects. F. Y. Pearne and J. D. Rossier. 2,386,341; Oct. 9.
Machine for cutting metal parts. R. Fauser. 2,366,247; Jan. 2.
Machine for cutting or shearing sheets or plates of metal. C. J. Rhodes. 2,371,411; Mar. 13.
Machine for cutting skins. R. H. Konikoff. 2,385,712; Sept. 25.
Machine for cutting tubular members into rings. J. W. Howlett. 2,380,178; July 10.
Machine for cutting tubular members into rings. J. W. Howlett. 2,380,695; July 31.
Machine for decorating bottles. D. Ray. 2,371,265; Mar. 13.
Machine for dimpling or the like. W. Kahler and F. H. Lathrop. 2,374,019; Apr. 17.
Machine for distortion correction in metal plate. G. L. Miller. 2,376,853; May 22.
Machine for distributing and orienting bullets. M. D. Mayberry. 2,387,672; Oct. 23.
Machine for drilling holes in screw heads and the like. M. W. Humphreys. 2,369,828; Feb. 20.
Machine for driving slopes and air courses in mines. E. Ramsay. 2,384,397; Sept. 4.
Machine for everting ball casings and similar articles. R. A. Sopp. 2,378,336; June 12.
Machine for fabricating glass. J. C. Smith. 2,368,170; Jan. 30.
Machine for fastening uppers to insoles. E. Quinn. 2,387,351; Oct. 23.
Machine for filling products into containers. C. A. Huth. 2,381,454; Aug. 7.
Machine for fin tubes, Welding. N. C. Thompson, A. Y. Gunter, W. A. Shaw, and W. E. Roe. 2,390,855; Dec. 11.
Machine for finishing the runner face of skis. B. O. Westman. 2,384,777; Sept. 11.
Machine for forming and reinforcing cutouts. F. S. Glines. 2,381,818; Aug. 7.
Machine for forming and welding chains. L. B. Campbell. 2,371,280; Mar. 13.
Machine for forming capsulating material. R. P. Scherer. 2,379,831; July 3.
Machine for forming heel flaps. L. Sabo. 2,372,122; Mar. 20.
Machine for forming material. G. D. Rechton, D. J. Ward, and J. H. Watson. 2,372,516 Mar. 27.
Machine for forming separated bodies. A. C. Mason. 2,386,623; Oct. 9.
Machine for gathering and stacking materials such as hay and the like. F. L. Willrodt. 2,372,870; Apr. 3.
Machine for generating curved surfaces. W. J. Joyce and G. W. Jackson. 2,380,446; July 31.
Machine for generating fine pitch and other gears. E. W. Miller. 2,372,596; Mar. 27.
Machine for generating spiral face gears. E. W. Miller and A. I. Bean. 2,371,702; Mar. 20.
Machine for grading leather blanks. A. G. B. Metcalf. 2,366,205; Jan. 2.
Machine for grinding and turning brake drums. O. J. E. Olsson. 2,367,137; Jan. 9.
Machine for grinding bits. F. Dixon. 2,384,899; Sept. 18.
Machine for grinding knife blades. C. F. Brown. 2,377,126; May 29.
Machine for grinding metal. E. Bannister. 2,375,340; May 8.
Machine for grinding twist drills. F. Ricks. 2,372,794; Apr. 3.
Machine for handling fluid material for treating pavement subgrade materials. J. W. Poulter. 2,368,568; Jan. 30.
Machine for hobbing. S. M. Ransome. 2,389,815; Nov. 27.
Machine for honing tooth grooves of gear finishing tools. W. F. Ross. 2,389,549; Nov. 20.
Machine for inserting cartridges into cartridge belts for automatic guns. C. T. Hall and R. W. Harris. 2,391,568; Dec. 25.
Machine for knitting. I. H. C. Green. 2,376,050; May 15.
Machine for knitting hosiery. H. E. Woodcock. 2,385,672; Sept. 25.
Machine for labels and the like, Combined paper feeding and gumming. F. G. Cook. 2,377,295; May 29.
Machine for machining arcuate surfaces. E. Barker. 2,379,870; July 10.
Machine for machining screw gears. A. Aeppli. 2,376,110; May 15.
Machine for making and applying spangles. C. Bustamante. 2,390,639; Dec. 11.
Machine for making corded tape. D. B. Brownlow and J. Feulner. 2,383,767; Aug. 28.
Machine for making cushions. J. H. Woodall. 2,391,814; Dec. 25.
Machine for making decorative paper strips. P. A. Hilliard. 2,383,797; Aug. 28.
Machine for making multiply boards. J. U. Forbes. 2,380,512; July 31.
Machine for making packages. M. H. Sidebotham. 2,368,429; Jan. 30.
Machine for making preforms. F. S. Gregory, Jr. 2,386,891; Oct. 16.
Machine for making prints. G. M. Dye. 2,384,019; Sept. 4.
Machine for making radio tube heater elements. A. La France. 2,380,320; July 10.
Machine for making recesses in steel tool shanks. J. W. Standish. 2,372,531; Mar. 27.
Machine for making strain gauges. W. D. Van Dyke. 2,374,512; Apr. 24.
Machine for making welded wire fabric. W. S. Southwick. 2,368,047; Jan. 23.
Machine for manipulating belts of cartridges for automatic guns. C. T. Hall and R. W. Harris. 2,390,097; Dec. 4.
Machine for manufacturing dynamo armatures. L. E. Poole and E. R. Fausset. 2,390,897; Dec. 11.
Machine for manufacturing heat sealing filter sheet materials. H. O. Irmscher. 2,370,168; Feb. 27.
Machine for manufacturing molded pulp articles. M. P. Chaplin. 2,380,942; Aug. 7.
Machine for manufacturing molded pulp articles. M. P. Chaplin. 2,388,828; Nov. 13.
Machine for manufacturing soldered parts. J. Handley. 2,367,274; Jan. 16.
Machine for molding pyrometric cones. G. A. Bole, M. C. Shaw, and H. E. Co Van. 2,377,667; June 5.
Machine for molding tuyères. R. B. Keplinger and C. A. Fry. 2,391,424; Dec. 25.
Machine for operating on shoes. F. W. De Tour. 2,371,741; Mar. 20.
Machine for pasting storage battery grids. J. E. Hatfield. 2,385,277; Sept. 18.
Machine for perforating, slitting, or scoring sheets. J. A. Davidson. 2,390,426; Dec. 4.
Machine for planting potatoes. W. T. Teagle. 2,385,740; Sept. 25.
Machine for playing card games. J. J. Hickey. 2,383,860; Aug. 28.
Machine for preparing newsprint paper for use as pencil sheaths. K. Miller. 2,375,676; May 8.
Machine for producing circular saws. A. Rickenmann. 2,388,183; Oct. 30.
Machine for producing containers and parts thereof. C. T. Brewer. 2,385,604; Sept. 25.
Machine for producing gears. L. O. Carlsen. 2,385,331; Sept. 25.
Machine for producing knitted fabric. C. W. Minton. 2,378,316; June 12.
Machine for reading perforated record cards. R. T. Blakely. 2,371,120; Mar. 6.
Machine for reinforcing insoles. H. C. Paulsen. 2,387,288; Oct. 23.
Machine for removing snow. E. B. Cadwell. 2,390,421; Dec. 4.
Machine for reshaping bottle caps. F. McCullough and E. Gray. 2,387,673; Oct. 23.
Machine for sealing containers. M. H. Sidebotham. 2,368,046; Jan. 23.
Machine for sealing waxed paper bags. A. B. McLauchlan. 2,385,583; Sept. 25.
Machine for securing tags to bag strings. J. T. Dalton. 2,382,778; Aug. 14.
Machine for setting up box blanks. H. W. Gregoire. 2,371,046; Mar. 6.
Machine for shaping and binding articles. C. C. Enright. 2,370,642; Mar. 6.
Machine for shaping fasteners. D. W. Fether. 2,388,355; Nov. 6.
Machine for shaping shoe uppers. R. E. Duplessis. 2,379,425; July 3.
Machine for shaping shoe uppers. R. E. Duplessis. 2,385,336; Sept. 25.
Machine for shaping uppers over lasts. L. E. Proulx. 2,385,466; Sept. 25.
Machine for sharpening cutters. G. A. De Vlieg. 2,390,521; Dec. 11.
Machine for shelling peas and beans. H. Z. Stewart. 2,374,466; Apr. 24.
Machine for shelling rice and other grains. E. P. Miller. 2,381,507; Aug. 7.
Machine for subdividing blocks of glue and other materials into small pieces. A. Weiner. 2,386,730; Oct. 9.
Machine for tearing woven fabric. M. W. Higby. 2,370,465; Feb. 27.
Machine for the coating of webs of paper and like absorbent material. A. R. Trist. 2,368,176; Jan. 30.
Machine for the grinding of screw threads. T. Metcalfe. 2,367,957; Jan. 23.
Machine for the manufacture of cans. G. Antos. 2,366,993; Jan. 9.

Machine for the manufacture of piston rings. H. P. Phillips. 2,377,960; June 12.
Machine for the working of blanks. J. Kury. 2,385,581; Sept. 25.
Machine for threading and cutting tubular articles. F. W. Hill. 2,390,533; Dec. 11.
Machine for treating hides, skins, and leather. C. D. Knowlton and D. Edgar. Re. 22,649; June 5.
Machine for treating sheet materials. D. Edgar. 2,366,242; Jan. 2.
Machine for treating skins and the like. B. C. Nelson. 2,376,500; May 22.
Machine for treating thin rubber articles. G. Fingado. Re. 22,631; Apr. 17.
Machine for turning windrowed hemp and the like. J. B. Kucera 2,391,427; Dec. 25.
Machine for twisting strip stock. R. F. Heinemann. 2,377,629; June 5.
Machine for typewriter ribbons, Reinking. L. L. Ogg. 2,390,612; Dec. 11.
Machine for typewriting on cartons. T. C. Wornel. 2,374,402; Apr. 24.
Machine for untwisting rope and the like. G. J. Cormier, Jr. 2,390,923; Dec. 11.
Machine for utilizing power. J. S. Parenti. 2,391,476; Dec. 25.
Machine for welding. F. Martindell. 2,388,754; Nov. 13.
Machine for winding the stators of electric motors. O. Wirth. 2,389,336; Nov. 20.
Machine for wrapping butter. L. R. Newton. 2,376,076; May 15.
Machine for wrapping plastic materials. A. Russell, M. Parker, and R. A. Harris. 2,379,655; July 3.
Machine gun ammunition magazine and mount. J. C. Trotter. 2,366,689; Jan. 2.
Machine gun cartridge belt and the like. G. F. and R. French. 2,376,962; May 29.
Machine gun case and link ejection chute. E. C. Holton. 2,384,678; Sept. 11.
Machine gun charger. H. C. Grant, Jr., and W. A. V. Thomsen. 2,384,834; Sept. 18.
Machine gun feed mechanism. J. C. Trotter. 2,390,477; Dec. 4.
Machine gun hanger. C. W. Thompson. 2,386,015; Oct. 2.
Machine gun mount. J. S. Weaver. 2,370,896; Mar. 6.
Machine head-control mechanism. F. B. Iden. 2,376,540; May 22.
Machine index. N. M. Marsilius. 2,370,367; Feb. 27.
Machine protective apparatus. C. A. Wiken and E. A. Reibig. 2,384,512; Sept. 11.
Machine safety mechanism, Wrapping. T. Jensen. 2,391,316; Dec. 18.
Machine tool. J. B. Armitage and O. W. Barker. 2,370,764; Mar. 6.
Machine tool. J. B. Armitage, O. W. Barker, K. A. Riedel, and F. D. Boehmer. 2,387,820; Oct. 30.
Machine tool. W. F. Blesi. 2,384,527; Sept. 11.
Machine tool. F. H. Bogart. 2,388,594; Nov. 6.
Machine tool. E. P. Bullard, III, Le R. E. Alvey, E. N. Cowell, P. H. Lange, and F. H. Mussler. 2,384,809; Sept. 18.
Machine tool. E. P. Bullard, III, G. R. Appelberg, and E. H. Johnson. 2,385,605; Sept. 25.
Machine tool. A. C. Carlson. 2,375,074; May 1.
Machine tool. J. J. Dostal. 2,372,818; Apr. 3.
Machine tool. W. S. Dwyer. 2,369,546; Feb. 13.
Machine tool. K. F. Gallimore and G. H. Schurger. 2,375,408; May 8.
Machine tool. M. G. Goetze. 2,380,747; July 31.
Machine tool. J. Jesionowski. 2,370,041; Feb. 20.
Machine tool. R. A. Johnson. 2,388,265; Nov. 6.
Machine tool. S. Madsen. 2,376,929; May 29.
Machine tool. J. H. Mansfield. 2,367,414; Jan. 16.
Machine tool. G. K. McKee. 2,374,874; May 1.
Machine tool. G. K. McKee and G. E. Tcimpidis. 2,367,593; Jan. 16.
Machine tool. D. H. Montgomery and A. H. Jobert. 2,375,734; May 8.
Machine tool. J. O. Olsen. 2,374,774; May 1.
Machine tool. L. F. Polk. 2,385,644; Sept. 25.
Machine tool. I. J. Snader. 2,391,487; Dec. 25.
Machine tool. F. Turrettini. 2,376,100; May 15.
Machine tool. E. F. White. 2,373,155; Apr. 10.
Machine tool. C. A. Wiken and E. A. Reibig. 2,386,283; Oct. 9.
Machine tool attachment. L. A. Gardiner. 2,388,320; Nov. 6.
Machine tool control. E. L. Fickett, A. H. Leger, and R. P. Stocking. 2,367,492; Jan. 16.
Machine tool control. C. Johnson. 2,372,427–8; Mar. 27.
Machine tool control. C. Johnson. 2,387,075; Oct. 16.
Machine tool control apparatus. R. Rodal. 2,381,312; Aug. 7.
Machine tool controller. E. H. Nelson and C. Stansbury. 2,376,552; May 22.
Machine tool for manufacturing aircraft wings. W. F. Pioch and J. W. Mistele. 2,391,511; Dec. 25.
Machine tool guideway. J. M. Walter. 2,378,343; June 12.
Machine tool lubrication system. J. M. Walter. 2,383,357; Aug. 21.
Machine tool table stop. J. M. Walter. 2,372,141; Mar. 20.
Machine tool transmission and control mechanism. J. B. Armitage. 2,374,719; May 1.
Machine tool with optical system. C. A. Bergstrom, W. C. Bergstrom. O. C. Hedin, and E. W. Pennington. 2,372,470; Mar. 27.
Machinery base. S. Rosenzweig and S. Cherry. 2,378,106; June 12.
Machining and assembling apparatus. J. C. Widmont. 2,370,828; Mar. 6.
Machining steels. D. W. Murphy. 2,388,214–15; Oct. 30.
Magazine feed solid fuel heater. A. K. Walton and C. E. Chesser. 2,380,000; July 10.
Magazine, Film. J. Bolsey. 2,381,033; Aug. 7.
Magazine for automatic firearms. G. Ironside. 2,381,959; Aug. 14.
Magazine for automatic firearms. G. Ironside. 2,388,413; Nov. 6.
Magazine for automatic firearms. G. Webb. 2,382,926; Aug. 14.
Magazine for firearms. J. Vesely. 2,383,998; Sept. 4.
Magazine for firearms. J. Vesely. 2,391,756; Dec. 25.
Magazine for riveting machines. A. F. Koehler. 2,368,847; Feb. 6.
Magazine for safety razor blades. J. Muros. 2,371,406; Mar. 13.
Magazine for safety razors. N. Testi. 2,384,503; Sept. 11.
Magazine loading mechanism for cup dispensers, Multiple. J. W. Carlson. 2,371,150; Mar. 13.
Magazine, newspaper, or periodical display rack, and storage therefor, Full face. J. Bloom. 2,385,603; Sept. 25.
Magazine safety for automatic firearms. W. F. Roper. 2,372,519; Mar. 27.
Magazines of firearms, Unloading. R. L. Jenkinson. 2,391,423; Dec. 25.
Magnesia and calcium carbonate from dolomite, Production of. R. D. Pike. 2,373,911; Apr. 17.
Magnesia and calcium carbonate from dolomite, Production of. R. D. Pike. 2,373,913; Apr. 17.
Magnesia from dolomite, Making. A. M. Thomsen. 2,377,592; June 5.
Magnesia from dolomite, Production of. R. D. Pike. 2,373,912; Apr. 17.
Magnesia from dolomite, Separating. W. E. Wing. 2,386,027; Oct. 2.
Magnesian ores and minerals, Treating. G. C. Holmes. 2,381,053; Aug. 7.
Magnesite, Flotation of. J. W. Lefforge. 2,373,123; Apr. 10.
Magnesium. H. Ford, E. E. Ensign, and A. C. Quinn. 2,382,047; Aug. 14.
Magnesium alloy. R. S. Dean and C. T. Anderson. 2,376,868; May 29.
Magnesium-alloy sheet, Bonding. P. W. Bakarian. 2,366,168; Jan. 2.
Magnesium and its alloys from fire, Protecting. J. B. Reid. 2,391,844; Dec. 25.
Magnesium and magnesium alloys, Coating. F. A. Allen and J. Morgan. 2,373,937; Apr. 17.
Magnesium and magnesium base alloys against corrosion, Protection of. C. J. Bushrod. 2,387,494; Oct. 23.
Magnesium base alloy. R. S. Busk. 2,385,685–6; Sept. 25.
Magnesium base alloy. J. D. Hanawalt. 2,380,838; July 31.
Magnesium base alloy. J. C. McDonald. 2,371,531; Mar. 13.
Magnesium base alloy. C. Moss. 2,370,320; Feb. 27.
Magnesium base alloy. P. T. Stroup and G. F. Sager. 2,380,200; July 10.
Magnesium-base alloy sheets, Rolling composite. H. A. Diehl and J. C. McDonald. 2,366,185; Jan. 2.
Magnesium by ferrosilicon reduction, Production of metallic. L. V. Whiton and H. M. Weld. 2,370,898; Mar. 6.
Magnesium chloride, Purification of. R. Lepsoe and B. G. Hunt. 2,375,009; May 1.
Magnesium compounds, Recovering. T. C. Atchison. 2,373,528; Apr. 10.
Magnesium containing beryllium, Producing. C. B. Willmore and F. D. Chew. 2,383,281; Aug. 21.
Magnesium distillation furnace. H. A. Doerner. 2,379,888; July 10.
Magnesium from magnesium silicates, Manufacturing metallic. F. J. Hansgirg. 2,372,571; Mar. 27.
Magnesium from scrap, Reclaiming. Y. E. Lebedeff. 2,383,659; Aug. 28.
Magnesium from suspensions in nonconducting liquids, Recovery of. H. F. Fisher. 2,376,535; May 22.
Magnesium from vapor mixtures, Recovery of. D. S. Chisholm. 2,381,403; Aug. 7.
Magnesium from vapor mixtures, Recovery of. R. C. Kirk, C. E. Nelson, and T. H. McConica, III. 2,391,713; Dec. 25.
Magnesium, Manufacturing. F. J. Hansgirg. 2,382,713; Aug. 14.
Magnesium, Manufacturing metallic. F. J. Hansgirg. 2,390,531; Dec. 11.
Magnesium melting furnace. H. M. Griffoul. 2,389,307; Nov. 20.
Magnesium oxide, Reducing. H. S. Cooper. 2,387,979; Oct. 30.
Magnesium, Producing. T. H. McConica, III. 2,391,727; Dec. 25.

Magnesium, Production of. R. C. Kirk. 2,380,449; July 31.
Magnesium, Production of. J. C. Rademaker. 2,391,193; Dec. 18.
Magnesium, Production of metallic. J. D. Hanawalt and T. M. Hess. 2,384,835; Sept. 18.
Magnesium products, Manufacture of. G. H. Gloss. 2,390,095; Dec. 4.
Magnesium, Purification of. P. T. Stroup and G. F. Sager. 2,373,515–16; Apr. 10.
Magnesium, Recovery of. T. Griswold, Jr. 2,381,405; Aug. 7.
Magnesium retort. E. E. Ensign and F. G. Shaub. 2,390,698; Dec. 11.
Magnesium salts from sea water. J. J. Grebe and W. C. Bauman. 2,387,898; Oct. 30.
Magnesium silicate suspensions and making same. R. Roseman and H. Eisenberg. 2,384,564; Sept. 11.
Magnesium silicates and making same. R. Roseman and H. Eisenberg. 2,384,563; Sept. 11.
Magnesium sulphate from certain minerals, Manufacturing iron-free. C. A. Butt and A. O. Hallman. 2,375,749; May 15.
Magnesium welding rod. L. J. Weber and G. F. Sager. 2,375,601; May 8.
Magnet, Adjustable. J. J. Kehoe. 2,369,300; Feb. 13.
Magnet, Lifting. A. E. Lillquist and O. Proudfoot. 2,366,919; Jan. 9.
Magnet, Permanent. N. Urquhart. 2,380,560; July 31.
Magnetic attachment for articles of every day use. E. Jacobson. 2,385,859; Oct. 2.
Magnetic clutch and motor, Geared. E. G. Miller and R. E. Engberg. 2,370,872; Mar. 6.
Magnetic contact. A. H. Lamb. 2,380,851; July 31.
Magnetic device. W. A. Chambers. 2,378,129; June 12.
Magnetic device. S. Karasick. 2,376,150; May 15.
Magnetic escapement. R. Straumann. 2,376,461; May 22.
Magnetic escapment for timepieces. R. Straumann. 2,373,429; Apr. 10.
Magnetic field gradient meter. A. W. Hull. 2,379,716; July 3.
Magnetic field responsive device. L. F. Beach and J. C. Purves. 2,374,166; Apr. 24.
Magnetic field responsive device. J. C. Purves and L. F. Beach. 2,383,460; Aug. 28.
Magnetic frequency converter. H. L. Donley. 2,370,720; Mar. 6.
Magnetic hand tool. R. Ullman and F. Brauner. 2,390,339; Dec. 4.
Magnetic instrument. V. W. Breitenstein. 2,384,529; Sept. 11.
Magnetic lens. J. Hillier. 2,370,627; Mar. 6.
Magnetic lifting device. J. W. Seamans. 2,379,596; July 3.
Magnetic lock. W. F. Stroud. 2,384,208; Sept. 4.
Magnetic material. A. F. Bandur, J. F. Dillinger, and A. N. Ogden. 2,388,664; Nov. 13.
Magnetic material, Bonded laminated. J. G. Ford. 2,372,074; Mar. 20.
Magnetic materials. E. A. Nesbitt. 2,382,649–54; Aug. 14.
Magnetic multivibrator. M. Chodorow. 2,391,546; Dec. 25.
Magnetic pick-off for sensitive instruments. R. K. Bonell. 2,373,096; Apr. 10.
Magnetic pickup device. J. C. Adams. 2,381,097; Aug. 7.
Magnetic polarity changing circuit. W. C. Hall, Jr. 2,387,016; Oct. 16.
Magnetic separator. R. H. Stearns and C. F. Broetzmann. 2,380,342; July 10.
Magnetic shielding for transformers and the like. W. G. Howe. 2,388,848; Nov. 13.
Magnetic signal. E. S. McLarn and F. A. Leibe. 2,367,299; Jan. 16.
Magnetic system. J. L. Snoek and L. Alons. 2,380,616; July 31.
Magnetic templet-following machine. R. R. Lobosco. 2,378,021; June 12.
Magnetic track brake control apparatus. P. L. Crittenden. 2,388,237; Nov. 6.
Magnetic transmission. H. T. Faus. 2,371,511; Mar. 13.
Magnetically biased telephone ringer. L. W. Carroll. 2,380,293; July 10.
Magnetite concentrates by flotation, Beneficiation of. F. D. De Vaney. 2,388,471; Nov. 6.
Magneto. H. G. Cox and F. S. Slick. 2,378,192; June 12.
Magneto. J. R. Frei. 2,377,620; June 5.
Magneto. W. Ochsenbein. 2,385,226; Sept. 18.
Magneto. High-tension spark ignition. P. Tatlow and I. J. Hulbert. 2,390,338; Dec. 4.
Magneto ignition device with interrupter for internal-combustion engines. W. Ochsenbein. 2,382,808; Aug. 14.
Magnetos for internal-combustion engines, Ignition. J. A. Baines. 2,385,678; Sept. 25.
Magnetostriction transducer. F. P. Bundy. 2,391,678; Dec. 25.
Magnifying device. R. F. E. Stegeman. 2,389,282; Nov. 20.
Magnifying glass holder. A. H. C. Bishop. 2,384,233; Sept. 4.
Mail box. C. E. Jones. 2,390,715; Dec. 11.
Mailbox. H. Logsdon. 2,382,645; Aug. 14.
Mailbox. A. Onos. 2,382,092; Aug. 14.
Mail box. G. J. Overmyer. 2,370,682; Mar. 6.
Mailbox. R. U. Staley. 2,367,696; Jan. 23.
Mail treating machine. C. D. Ryan and E. P. Drake. 2,377,522; June 5.
Mail treating machine. C. D. Ryan and F. P. Sager. 2,377,523; June 5.
Mail treating machine. F. P. Sager, E. R. Bergmark, C. D. Ryan, and H. L. Atherton. 2,371,013; Mar. 6.
Making metal parts for ring binders. J. Schade. 2,368,730; Feb. 6.
Making sound reproducing units. G. E. Gustafson. 2,371,820; Mar. 20.
Malleable iron. A. L. Boegehold. 2,370,225; Feb. 27.
Mallet, Dental. D. Reiser. 2,376,187; May 15.
Mallet, Serving. E. Gaulke. 2,371,686; Mar. 20.
Malononitrile, Manufacture of. A. R. Surrey. 2,389,217; Nov. 20.
Manacle. W. M. Powell. 2,383,077; Aug. 21.
Mandrel. F. G. Tritt. 2,384,056; Sept. 4.
Mandrel extrusion rivet. C. R. Buchet. 2,371,423; Mar. 13.
Mandrel for bending pipes, Chain. F. G. Sutton. 2,380,344; July 10.
Mandrel, Permanent wave. A. A. Calabro. 2,381,107; Aug. 7.
Manganese oxide compositions, Manufacture of. P. R. Pine. 2,370,415; Feb. 27.
Manganese steel, Treatment of. C. W. Weesner and W. B. Leffingwell. 2,368,955; Feb. 6.
Manhole cover lock. J. J. Morris and W. C. Stohldreier. 2,388,561; Nov. 6.
Manifold arrangement, Intake. W. G. Lundquist and E. H. Olson. 2,382,244; Aug. 14.
Manifold assembly. J. H. Thornberry. 2,379,116; June 26.
Manifold, Exhaust. P. E. Mercier. 2,377,708; June 5.
Manifold for internal-combustion engines, Exhaust manifold for. P. E. Mercier. 2,388,924; Nov. 13.
Manifold for internal-combustion engines, Vaporizing. R. W. Warrick. 2,378,344; June 12.
Manifold, Intake. N. H. Janes. 2,384,681; Sept. 11.
Manifold pressure control for aircraft, Settable. C. W. Morris. 2,373,139; Apr. 10.
Manifold, Radio shielding. S. Tierney, Jr. 2,379,322; June 26.
Manifolding apparatus and method. A. W. Metzner. 2,366,745; Jan. 9.
Manifolding apparatus for typewriting machines. C. W. Brumhill. 2,386,430; Oct. 9.
Manifolding assembly. A. E. Vickery. 2,372,918; Apr. 3.
Manifolding pack. A. W. Metzner. 2,366,744; Jan. 9.
Manifolds, Exhaust. C. R. Eiss and F. I. Steele. 2,375,091; May 1.
Manifolds, Making. R. Long. 2,391,468; Dec. 25.
Manometer. A. A. Hejduk. 2,389,508; Nov. 20.
Mantle, Radiant. W. G. Cartter and F. E. Wood. 2,368,802; Feb. 6.
Manual control apparatus. W. E. Edelman. 2,370,025; Feb. 20.
Manual reset valve. E. Paille. 2,371,351; Mar. 13.
Manual tilt table. E. H. Faust and O. C. Hollstein. 2,379,071; June 26.
Manufacture, Method of. J. T. Marvin. 2,390,160; Dec. 4.
Manufacture of articles from liquid dispersions. E. E. Habib and G. E. Gott. 2,378,882; June 19.
Manufacture of chocolate confections. R. W. Crosley and H. W. Conner. 2,384,077; Sept. 4.
Manufacture of cuprous oxide. W. J. Harshaw and C. J. Harbert. 2,385,078; Sept. 18.
Manufacture of gasoline. N. B. Haskell. 2,388,322; Nov. 6.
Manufacture of insoles. S. M. Griswold. 2,381,950–1; Aug. 14.
Manufacture of mineral wool. M. E. Callander. 2,382,290; Aug. 14.
Manufacture of nitriles. J. F. Olin. 2,388,218; Oct. 30.
Manufacture of pieces which are shaped by grinding. F. B. Halford, J. L. P. Brodie, and R. Miller. 2,373,827; Apr. 17.
Manufacture of pigments. L. W. Ryan and H. L. Sanders. 2,388,659; Nov. 6.
Manufacture of polyamide structures. W. W. Watkins. 2,379,557; July 3.
Manufacture of shovels or the like. R. Harte. 2,380,361; July 10.
Manufacture of stiffened fibrous materials. P. Frankfurther. 2,373,954; Apr. 17.
Manufactured products, Identifying. E. Robinson and R. D. Evans. 2,378,328; June 12.
Manufacturing pottery ware, Method of and apparatus for. W. J. Miller. 2,387,927; Oct. 30.
Map and information device, Changeable road. J. M. Higgins. 2,374,935; May 1.
Map base, Relief. T. W. Dominick. 2,386,199; Oct. 9.
Map, Educational. W. H. Olsen. 2,373,258; Apr. 10.
Map, Globe. A. C. Clark. 2,369,103; Feb. 6.
Map reel and sun visor, Combined road. W. E. Conway. 2,377,614; June 5.
Maps, Making flexible contour. A. G. Emery. 2,382,784; Aug. 14.
Marine drive. W. P. Schmitter. 2,368,885; Feb. 6.

Marine drive. W. C. Wosenitz. 2,371,013; Mar. 6.
Marine drive unit. W. H. Van Gorden. 2,370,212; Feb. 27.
Marine power unit. A. G. Forsyth. 2,389,663; Nov. 27.
Marine propulsion. N. G. Baker. 2,369,996; Feb. 20.
Marine propulsion. C. D. Van Patten. 2,391,109; Dec. 18.
Marked steel bar and marking. C. V. Schuyler. 2,383,165; Aug. 21.
Marker, Cattle. W. F. Schacht. 2,383,419; Aug. 21.
Marker for planters. G. M. Kriegbaum. 2,371,827; Mar. 20.
Marker for use by football officials, Foul. L. L. D. Nicolello. 2,385,878; Oct. 2.
Marker, Road. M. Schwartz. 2,368,330; Jan. 30.
Marker, Sheet pile. B. L. Kleinschmidt. 2,382,998; Aug. 21.
Marking and signaling means for blackout purposes and the like. W. Trautner. 2,371,080; Mar. 6.
Marking circular knit fabric for boarding, Method and machine for. H. N. Sheppard. 2,388,648; Nov. 6.
Marking device. H. K. Ferger. 2,369,224; Feb. 13.
Marking device. S. A. Hamnett. 2,383,646; Aug. 28.
Marking device, Trousers. F. W. Trumbull. 2,381,191; Aug. 7.
Marking for road surfaces, Traffic. F. Nicholson. 2,371,462; Mar. 13.
Marking granular, lumpy, and dusty commodities. R. E. Miskelly. 2,367,040; Jan. 9.
Marking machine. R. E. J. Nordquist and H. F. Cox, Jr. 2,369,172; Feb. 13.
Marking machine and method, Cone. C. K. Dunlap and L. B. Stogner. 2,387,248; Oct. 23.
Marking machine, Can end. R. E. J. Nordquist. 2,370,184; Feb. 27.
Marking machine, Laundry. W. J. Keuper. 2,384,035; Sept. 4.
Marking mechanism, Bobbin. H. Lambert. 2,389,859; Nov. 27.
Mash, Distillation of fermenter. B. C. Boeckeler, E. I. Lummus, and A. Nansen. 2,376,898; May 29.
Masher for potatoes. L. A. Bottinelli. 2,385,966; Oct. 2.
Mask, Breathing. S. A. Morehouse. 2,379,493; July 3.
Mask, Colored photographic. R. M. Evans. 2,376,132; May 15.
Mask for parachute escape devices, Breathing. J. A. Heidbrink. 2,383,649; Aug. 28.
Mask, Gas. L. Y. Booharin. 2,381,568; Aug. 7.
Mask, Gas. M. C. Teague. 2,375,147; May 1.
Mask, Photographic printing. C. C. Maddy. 2,381,831; Aug. 7.
Mask, Photographic tone correction. P. K. Glasoe. 2,378,213; June 12.
Mask, Photoprinting. S. E. Pochatko. 2,376,183; May 15.
Mask, Respirator. R. Fink. 2,376,871; May 29.
Mask, Respiratory. B. F. Williams. 2,389,102; Nov. 13.
Mask structure. J. E. Duggan. 2,388,835; Nov. 13.
Mask, Welder's. T. H. Grindrod and A. E. Church. 2,391,565; Dec. 25.
Masking device. H. Greenberg and H. W. Brady. 2,369,671; Feb. 20.
Masonry crevice forming template. C. M. Woodward. 2,386,582; Oct. 9.
Mason's implement. N. C. and C. A. Darling. 2,381,263; Aug. 7.
Mass spectrometry. R. V. Langmuir. 2,370,673; Mar. 6.
Massage apparatus. M. Andis. 2,384,427; Sept. 11.
Massage device. L. H. Snyder. 2,378,335; June 12.
Massager, Gum. M. P. Strome and J. Lieberman. 2,373,430; Apr. 10.
Masses and fibers manufactured from protein-like substances, Improvement of the properties of artificial. W. F. Tschudin. 2,368,690; Feb. 6.
Mast and boom hoist, Power. B. M. Crawford. 2,369,816; Feb. 20.
Mastic composition. F. J. Soday. 2,390,189; Dec. 4.
Mat. O. F. Arthur. 2,371,017; Mar. 6.
Mat, Link. D. W. Moore, Jr. 2,388,927; Nov. 13.
Match book. R. Guyer. 2,373,025; Apr. 3.
Match book. R. Guyer. 2,375,647; May 8.
Match book cover. L. R. de Lauder. 2,369,884; Feb. 20.
Match compositions. A. H. Sanford. 2,389,552; Nov. 20.
Match package. J. E. Altamos. 2,372,167; Mar. 27.
Material and producing the same, Decorative. H. Hudgins. 2,390,712; Dec. 11.
Material applying apparatus. M. L. Svikhart. 2,376,832; May 22.
Material coating apparatus. H. E. Thornton. 2,378,599; June 19.
Material collecting electrode. C. W. J. Hedberg and R. B. Hesson. 2,369,967; Feb. 20.
Material cooler. J. B. Gaffney. 2,371,513; Mar. 13.
Material digging and handling apparatus. S. Grubich. 2,389,044; Nov. 13.
Material, Drying. J. E. Steiner. 2,383,694; Aug. 28.
Material, Examination. M. D. Parmenter. 2,373,498; Apr. 10.
Material extruding apparatus. L. S. Deitz, Jr. 2,371,679; Mar. 20.
Material feeding apparatus. J. F. Barton. 2,370,709; Mar. 6.
Material feeding apparatus. W. R. Schmitz, Jr. 2,383,085; Aug. 21.
Material feeding mechanism, Light sensitive. S. W. Langdon. 2,388,423; Nov. 6.
Material for the production of partial color selection pictures from subtractive multicolor images. B. Gaspar. 2,387,754; Oct. 30.
Material forming apparatus. J. T. Muller. 2,382,897; Aug. 14.
Material from one machine to another, Conveying. V. D. Popov. 2,378,579; June 19.
Material from roaster gases, Recovery of. C. W. J. Hedberg and H. L. Richardson. 2,382,565; Aug. 14.
Material gathering and loading machine. C. E. Andershock. 2,390,410; Dec. 4.
Material gathering and loading machine. F. Cartlidge. 2,388,385; Nov. 6.
Material handling apparatus. D. C. Gray. 2,370,856; Mar. 6.
Material handling apparatus. W. C. Ewaldson. 2,386,547; Oct. 9.
Material handling apparatus. R. F. Hlavaty. 2,387,150; Oct. 16.
Material handling apparatus. H. L. Husson and R. R. Pollard. 2,384,307; Sept. 4.
Material handling apparatus. H. H. Merwin. 2,378,568; June 19.
Material handling apparatus. B. M. Smith. 2,372,025; Mar. 20.
Material handling apparatus. J. H. Strunk. 2,377,112; May 29.
Material handling device. F. Cartlidge. 2,368,114; Jan. 30.
Material handling device. R. A. Fontaine. 2,370,528; Feb. 27.
Material, Roofing or surfacing. S. L. Eason. 2,390,697; Dec. 11.
Material, Stiffened. D. E. Gillum and D. H. Van Riper. 2,371,754; Mar. 20.
Material working apparatus. J. C. Hroch, Jr. 2,387,074; Oct. 16.
Material working apparatus. A. E. Jarvis and W. J. Keller. 2,388,152; Oct. 30.
Material-working apparatus. C. W. Kelsey. 2,366,626; Jan. 2.
Material working apparatus. N. M. Olney. 2,374,376; Apr. 24.
Material working apparatus. R. J. Sherman. 2,368,786; Feb. 6.
Material working apparatus. C. T. Sokolowsky. 2,376,829; May 22.
Material working apparatus. E. J. Svenson. 2,372,692; Apr. 3.
Materials and their manufacture, Waterproofed lightweight. H. R. Goodrich and G. Sucetti. 2,377,491; June 5.
Materials, Finishing and dressing agents for fibrous. G. P. Mack. 2,370,057; Feb. 20.
Materials impermeable to ultra-violet light. W. Horback. 2,386,855; Oct. 16.
Materials impermeable to ultra-violet radiations. D. H. Jacobs. 2,370,244; Feb. 27.
Materials, Method and apparatus for making felted. G. T. Pearce. 2,373,500; Apr. 10.
Materials, Processing of. E. L. Wiegand. 2,387,548; Oct. 23.
Materials testing apparatus. B. J. Lazan. 2,366,342; Jan. 2.
Mathematical apparatus. W. L. Maxson, P. J. McLaren, and W. T. Green. 2,373,771; Apr. 17.
Matrix tread vulcanizing mold, Interchangeable. E. A. Glynn. 2,375,784; May 15.
Mats, Manufacture and testing of fiber. H. W. Anway. 2,375,182; May 8.
Mats, Method and apparatus for the launching of revetment. G. van der Rest. 2,390,403; Dec. 4.
Matte surfaces upon glass, Providing. F. W. Adams. 2,381,479; Aug. 7.
Matter, Composition of. M. Orchin and L. W. Butz. 2,379,494; July 3.
Matter, Composition of. G. Provenzano. 2,378,102; June 12.
Mattress. A. Klazkin. 2,384,097; Sept. 4.
Mattress border stitching machine. D. N. Kelly. 2,382,486; Aug. 14.
Mattress construction. S. Marsack. 2,382,496; Aug. 14.
Mattress construction. M. Weisberg. 2,383,175; Aug. 21.
Mattress for treating human body ailments by heat therapy. W. F. Clark. 2,376,902; May 29.
Mattress or the like. E. L. Pabst. 2,373,047; Apr. 3.
Mattress, Pneumatic. F. G. Manson and J. J. Maskey. 2,372,218; Mar. 27.
Mattress wrapping machine. P. Spagnoli. 2,385,477; Sept. 25.
Maximum pressure gauge. K. J. De Juhasz. 2,382,547; Aug. 14.
Measurement of the rate of soil gas evolution. J. L. Patton. 2,366,351; Jan. 2.
Measurements for the production of garments, Taking. J. C. Cooke. 2,374,654; May 1.
Measuring and calibrating device, Weight. J. H. Edwards. 2,370,784; Mar. 6.
Measuring and control. W. P. Wills. 2,375,159; May 1.
Measuring and control apparatus. T. R. Harrison. 2,366,618; Jan. 2.

Measuring and control apparatus. H. S. Jones. 2,385,447; Sept. 25.
Measuring and control instrument. H. O. McGillin and J. P. Vollrath. 2,368,937; Feb. 6.
Measuring and controlling apparatus. H. S. Jones. 2,376,599; May 22.
Measuring and controlling apparatus. W. L. Shaffer. 2,388,769; Nov. 13.
Measuring and controlling apparatus. W. P. Wills. 2,376,527; May 22.
Measuring and controlling apparatus. W. P. Wills. 2,385,481; Sept. 25.
Measuring and cutting machine, Line. E. H. Brown. 2,386,928; Oct. 16.
Measuring and discharging device. J. D. Lyall. 2,385,092; Sept. 18.
Measuring and indicating apparatus for machine tools. R. M. Woytych and E. J. Kaiser. 2,376,303; May 15.
Measuring and marking cord lengths. C. W. Skinner. 2,388,875; Nov. 13.
Measuring and marking machine, Tape. D. Adams. 2,387,867; Oct. 30.
Measuring and recording apparatus, Speed. A. M. Crawford. 2,379,686; July 3.
Measuring apparatus. G. Asset, F. J. Curran, and W. P. Wills. 2,368,093; Jan. 30.
Measuring apparatus. H. E. Dickerman. 2,371,742; Mar. 20.
Measuring apparatus. H. S. Jones. 2,367,868; Jan. 23.
Measuring apparatus. H. S. Jones. 2,376,598; May 22.
Measuring apparatus. S. T. Lester. 2,371,302; Mar. 13.
Measuring apparatus. W. P. Wills. 2,367,914; Jan. 23.
Measuring apparatus. W. P. Wills. 2,375,158; May 1.
Measuring apparatus, Hardness. R. Woxén. 2,385,958; Oct. 2.
Measuring apparatus, Liquid level. S. C. Coroniti and W. A. Schmidt. 2,375,084; May 1.
Measuring apparatus, Precision. I. G. Maloff. 2,387,852; Oct. 30.
Measuring center spacing, Method of and apparatus for. G. E. Sorensen. 2,388,582; Nov. 6.
Measuring device. T. Bailey. 2,385,677; Sept. 25.
Measuring device. C. A. Bailey. 2,386,181; Oct. 9.
Measuring device. H. J. Balmer. 2,384,150; Sept. 4.
Measuring device. L. D. Christie. 2,390,691; Dec. 11.
Measuring device. W. Homan and R. S. Hull. 2,383,550; Aug. 28.
Measuring device. M. Monies. 2,378,093; June 12.
Measuring device. B. H. Smith. 2,367,968; Jan. 23.
Measuring device. J. P. Steibel and S. Martinson. 2,391,075; Dec. 18.
Measuring device, Azimuth and altitude. F. H. Hagner. 2,389,852; Nov. 27.
Measuring device, Drink. W. Von Stoeser and F. H. Osborne. 2,380,884; July 31.
Measuring device, Flow. N. Brewer. 2,388,672; Nov. 13.
Measuring device, Liquid. E. Hodson and R. R. Squtter. 2,376,772; May 22.
Measuring device, Oil well bailer line. J. G. Bouslog. 2,383,844; Aug. 28.
Measuring device, Pressure. R. H. Cuyler and R. L. Goeth. 2,384,159; Sept. 4.
Measuring device, Thickness. J. W. Russell. 2,383,742; Aug. 28.
Measuring device, Torque. C. A. Shank. 2,386,008; Oct. 2.
Measuring dispenser. C. L. Ludwig. 2,366,343; Jan. 2.
Measuring element, Compensated. D. O. Bean. 2,379,874; July 10.
Measuring implement. E. A. Thorsberg. 2,367,743; Jan. 23.
Measuring instrument. A. F. Allwein. 2,377,474; June 5.
Measuring instrument. G. W. Barnes, Jr. 2,368,912; Feb. 6.
Measuring instrument. L. Gess and E. C. Burdick. 2,386,108; Oct. 2.
Measuring instrument. E. V. Statia, Sr. 2,376,458; May 22.
Measuring instrument. J. B. Wilkie. 2,381,414; Aug. 7.
Measuring instrument, Condition responsive. K. H. Hubbard, H. L. Mason, and J. L. Leach. 2,375,300; May 8.
Measuring instrument, D'Arsonval-type electrical. M. J. Johnson. 2,371,299; Mar. 13.
Measuring instrument, Deflecting. G. H. Kaemmerling. 2,386,472; Oct. 9.
Measuring instrument, Force. L. J. B. La Coste and A. Romberg. 2,377,889; June 12.
Measuring instruments, Electrical. A. G. Conrad. 2,382,295; Aug. 14.
Measuring machine, Area. S. E. Woodbury. 2,387,379; Oct. 23.
Measuring magnetic fields. G. Barth. 2,390,051; Dec. 4.
Measuring mechanism, Force transmitting. P. A. Sturtevant. 2,385,591; Sept. 25.
Measuring of cross talk, Automatic. E. P. Felch, Jr. Re. 22,620; Mar. 20.
Measuring or indicating system, Electrical. S. J. Smith. 2,377,275; May 29.
Measuring surface brightness. L. H. Dawson. 2,372,661; Apr. 3.
Measuring system. G. Keinath. Re. 22,637; Apr. 24.
Measuring system, Strain. B. F. Langer. 2,385,005; Sept. 18.
Measuring the time interval for moving bodies to traverse predetermined distances, System for. T. A. Cohen. 2,388,387; Nov. 6.
Measuring wind velocity. L. Hillman. 2,377,884; June 12.
Meat holder. C. La Hatte. 2,388,162; Oct. 30.
Meat or the like, Encasing. J. A. Baker. 2,368,398; Jan. 30.
Mechanical action. F. W. Anders. 2,389,709; Nov. 27.
Mechanical adjustment of elements mounted inside vacuum tubes. C. H. Foulkes. 2,368,821; Feb. 6.
Mechanical breakdown. W. H. Beane. 2,372,647; Apr. 3.
Mechanical cigarette holder. C. Deitch. 2,370,016; Feb. 20.
Mechanical closing device for injection molding machines. H. Gastrow. 2,370,622; Mar. 6.
Mechanical computing device. C. A. Posson. 2,378,863; June 19.
Mechanical device. L. N. Barnum, C. A. Donnelly, and R. L. Maple. 2,386,834; Oct. 16.
Mechanical-electrical sound reproducer. G. Courcy and M. P. Durand. 2,368,003; Jan. 23.
Mechanical motion. R. Pash. 2,378,033; June 12.
Mechanical movement. A. R. Clark. 2,381,112; Aug. 7.
Mechanical movement. C. H. Duffy. 2,373,107; Apr. 10.
Mechanical movement. J. J. Moynihan. 2,389,451; Nov. 20.
Mechanical movement. W. Nowka. 2,379,454; July 3.
Mechanical movement and swaging machine. F. J. Rode. 2,384,641; Sept. 11.
Mechanical pencil eraser mounting. H. S. Hasselquist. 2,369,047; Feb. 6.
Mechanical shaver. H. G. Wyse. 2,369,198; Feb. 13.
Mechanical stoker for kilns and their mountings. F. M. Miller, A. C. Shape, and W. H. McClelland. 2,384,762; Sept. 11.
Mechanical time fuse. W. L. McGrath and M. P. Whitney. 2,369,310; Feb. 13.
Mechanism and control for controllable aircraft propellers. H. M. McCoy. 2,378,938; June 26.
Mechanism and control for controllable aircraft propellers. H. M. McCoy. 2,388,276; Nov. 6.
Mechanism for accelerating the wheels of the landing gear of an airplane. E. H. Duke and J. L. Wait, Jr. 2,386,301; Oct. 9.
Mechanism for adjusting the stroke of a reciprocating or oscillating member, such as a die plunger in an extrusion or molding press. A. Russell, M. Parker, and R. A. Harris. 2,375,693; May 8.
Mechanism for automatic guns, Firing. J. Vesely. 2,391,757; Dec. 25.
Mechanism for capturing freed lint and other particles. B. Lev. 2,370,865; Mar. 6.
Mechanism for closing the open tubular end of the wrapper of a package. C. Arelt. 2,378,457; June 19.
Mechanism for control of breech bolt return and release of hammer for semiautomatic firearms. N. L. Brewer. Re. 22,585; Jan. 2.
Mechanism for controlling total and sub-total taking operations for typewriting calculating machines. H. E. Kämmel. 2,380,598; July 31.
Mechanism for cooling freshly coated containers. C. Z. Monroe. 2,381,360; Aug. 7.
Mechanism for dispensing stacked articles. L. H. Kiesling. 2,373,029; Apr. 3.
Mechanism for dual brakes, Adjusting. C. J. Whitacre. 2,366,946; Jan. 9.
Mechanism for feeding articles to machines. J. A. Kay. 2,369,575; Feb. 13.
Mechanism for feeding wrappers from a stack. A. Russell, M. Parker, and R. A. Harris. 2,374,838; May 1.
Mechanism for firearms, Firing. D. M. Williams. 2,366,823; Jan. 9.
Mechanism for firearms, Hammer. T. F. Horan. 2,391,237; Dec. 18.
Mechanism for forming sliders. B. P. Lawson. 2,366,269; Jan. 2.
Mechanism for forming tubular rivets. E. F. Hesselman. 2,386,550; Oct. 9.
Mechanism for grid panels, Transfer. C. L. Feldtkeller. 2,380,957; Aug. 7.
Mechanism for grid panels, Transfer. C. L. Feldtkeller. 2,381,153; Aug. 7.
Mechanism for heat sealing package seam joints. H. O. Irmscher. 2,376,360; May 22.
Mechanism for hydraulic pumps, Control. W. Ernst. 2,390,360; Dec. 4.
Mechanism for introducing water into concrete mixers. C. F. Ball. 2,368,402; Jan. 30.
Mechanism for machine guns, Solenoid initialing. L. V. E. Quinnell and J. C. Koonz. 2,380,611; July 31.
Mechanism for machine tools, Safety stop. C. E. Rist. 2,385,103; Sept. 18.
Mechanism for magnetos, Grounding. H. L. Hartzell. 2,391,854; Dec. 25.
Mechanism for making neckties. M. M. Newman. 2,374,033; Apr. 17.
Mechanism for opening and ejecting the contents of boxes. C. T. Hall. 2,368,020; Jan. 23.
Mechanism for producing mechanical movement. C. Ambruster. 2,378,676; June 19.
Mechanism for protecting thread shearing revolvers. W. L. Lafond. 2,374,821; May 1.

Mechanism for registers, Actuating. H. T. Avery. 2,387,870; Oct. 30.
Mechanism for relieving the teeth of circular cutting elements. R. W. Andreasson. 2,389,401; Nov. 20.
Mechanism for supporting and automatically adjusting arc furnace electrodes. W. H. Payne. 2,389,164; Nov. 20.
Mechanism for switching devices, Gang-operating. C. R. Craig. 2,391,681; Dec. 25.
Mechanism for testing machines, Grip. F. A. Melzer. 2,391,435; Dec. 25.
Mechanism for the interconversion of reciprocation and rotation. A. Feroy. 2,384,290; Sept. 4.
Mechanism for the production of electric arc etching electrodes. T. Miller. 2,377,843; June 5.
Mechanism for transmitting linear or rotary movement. N. E. Hewitt. 2,384,742; Sept. 11.
Mechanism for transmitting motion. C. Duchaussoy. 2,376,673; May 22.
Mechanism for treating wire rope. H. J. Mische. 2,391,793; Dec. 25.
Mechanism for typesetting machines. J. Urban. 2,372,990; Apr. 3.
Mechanism for winches and the like, Safety lowering and control. C. C. Martin. 2,390,891; Dec. 11.
Mechanism to obtain and control motion transverse to axis of rotation. A. M. Arney. 2,367,555; Jan. 16.
Media separation process, Heavy. D. B. Grove. 2,387,580; Oct. 23.
Median device. E. F. Flint. 2,390,361; Dec. 4.
Medicinal preparation. R. H. Blythe. 2,369,711; Feb. 20.
Medicinal preparation. M. J. Lobel. 2,381,830; Aug. 7.
Medicine dropper. L. E. Bowers. 2,382,771; Aug. 14.
Melamine, Preparing. D. W. Jayne, Jr., and H. M. Day. 2,377,499; June 5.
Melamine process. A. C. Wintringham. 2,373,869; Apr. 17.
Melamine, Production of. W. F. Caldwell, R. C. Swain, and J. H. Paden. 2,375,731; May 8.
Melting apparatus. W. Rodenacker. 2,371,916; Mar. 20.
Memo base for pen-ink units. B. M. Morris. 2,379,588; July 3.
Menthane, Dehydrogenation of. J. K. Dixon. 2,376,309; May 15.
Mercaptans from hydrocarbon oil, Removing. G. W. Ayers and L. M. Henderson. 2,381,859; Aug. 14.
Merchandise display and advertising device, Combined. K. B. Shaffer. 2,375,043; May 1.
Merchandise display stand. J. L. Wright. 2,368,909; Feb. 6.
Merchandise storage and dispensing rack. E. F. Knowles and C. M. De Witt. 2,372,500; Mar. 27.
Mercuri-acetylide compounds and preparing same. M. H. Daskais. 2,369,339; Feb. 13.
Mercuric nitrate, Preparation of organic. H. H. Young. 2,366,683; Jan. 2.
Mercury arc device. L. M. Wittlinger and W. S. Brian. 2,385,561; Sept. 25.
Mercury feeding apparatus. C. E. Owings. 2,374,304; Apr. 24.
Mercury relay. U. C. Hedin. 2,367,498; Jan. 16.
Mercury tube switch. H. L. Lambert. 2,366,631; Jan. 2.
Merry-go-round on water. K. H. Piesch. 2,389,456; Nov. 20.
Message conveyer, Day and night. A. D. Dircksen. 2,370,150; Feb. 27.
Metal areas of limited size, Surface hardening. P. A. Abe, H. H. Brown and M. A. Crosby. 2,378,890; June 26.
Metal article and making same, Flanged. A. J. Schubert and H. S. Adelhanof. 2,384,402; Sept. 4.
Metal articles and making, Sintered. F. R. Hensel and E. I. Larsen. 2,372,203; Mar. 27.
Metal articles, Making thin-walled sintered. E. W. Engle. 2,368,458; Jan. 30.
Metal articles, Producing protected. J. M. Schoonmaker, Jr., and F. Stockton. 2,381, 778; Aug. 7.
Metal attenuation. M. E. Evans. 2,374,594; Apr. 24.
Metal azides, Preparation of alkali. M. F. Acken and W. F. Filbert. 2,373,800; Apr. 17.
Metal bars, Rolling. G. L. Fisk. 2,369,730; Feb. 20.
Metal baths, and improved agent therefor, Degasifying and decarburizing molten. H. S. Cooper. 2,369,213; Feb. 13.
Metal bed spring. H. Gertler. 2,390,580; Dec. 11.
Metal bodies, Method and apparatus for casting. R. K. Hopkins. 2,380,109; July 10.
Metal bodies, Method and apparatus for producing. R. K. Hopkins. 2,385,206; Sept. 18.
Metal bodies, Method of and apparatus for heat-treating. R. O. Day and B. L. Gordon. 2,387,835; Oct. 30.
Metal body and making same, Powdered. J. Kuzmick. 2,389,061; Nov. 13.
Metal boring or cutting tool. J. Nunes-Vaz. 2,378,094; June 12.
Metal boring tool. M. A. Clark. 2,381,806; Aug. 7.
Metal bottom bag. H. P. Campbell. 2,377,311; June 5.
Metal carrying case. H. M. Piker. 2,374,037; Apr. 17.
Metal, Casting. R. K. Hopkins. 2,388,974; Nov. 13.
Metal compositions of low apparent density, Producing. J. A. V. Turck, Jr. 2,375,506; May 8.
Metal cleaning composition and process. A. D. Johnson. 2,383,800; Aug. 28.
Metal coatings, Method and apparatus for depositing vaporized. C. E. McManus and J. D. Elder. 2,382,432; Aug. 14.
Metal, Cold-drawing. H. A. Montgomery. 2,366,208; Jan. 2.
Metal container. C. E. McManus and W. I. Gladfelter. 2,367,300; Jan. 16.
Metal containers, Filling and sealing. V. R. Pawelsky and F. F. Heiser. 2,372,290; Mar. 27.
Metal coupling member, Composite. W. H. Barlow. 2,368,799; Feb. 6.
Metal cribbing. O. S. Flath. 2,376,677; May 22.
Metal, Cutting. G. W. Laughton, Jr. 2,381,355; Aug. 7.
Metal cutting machine. R. L. Gheen. 2,374,281; Apr. 24.
Metal-cutting machine. G. J. Pero. 2,367,521; Jan. 16.
Metal cutting tool. H. C. Smith and R. C. Johnsen. 2,371,715; Mar. 20.
Metal drawing. R. E. Slater. 2,373,606; Apr. 10.
Metal fittings to insulators, Attachment of. E. C. Lee. 2,374,638; Apr. 24.
Metal halides from fluids, Removal of. J. W. Latchum, Jr., and J. D. Upham. 2,368,309; Jan. 30.
Metal house construction, Prefabricated. C. I. Auten. 2,387,229; Oct. 23.
Metal hydracrylates, Preparation of alkali. B. C. Redmon and G. R. Griffin. 2,369,491; Feb. 13.
Metal hydride, Production of alkali. V. L. Hansley. 2,372,670–1; Apr. 3.
Metal hydrides, Production of. P. P. Alexander. 2,372,168; Mar. 27.
Metal hydroxide, Precipitating alkali. I. E. Muskat. 2,373,257; Apr. 10.
Metal in strip form, Heat-treating. E. Mittelmann. 2,371,459; Mar. 13.
Metal ingot molds, Conditioning. R. K. Hopkins. 2,375,108; May 1.
Metal insert for vacuum-tight sealing. W. E. Kingston. 2,369,146; Feb. 13.
Metal members to insulation, Fastening. J. A. Spencer. 2,376,397; May 22.
Metal, Method and apparatus for producing. R. K. Hopkins. 2,369,233; Feb. 13.
Metal, Method and apparatus for the continuous production of. R. K. Hopkins. 2,375,107; May 1.
Metal parts for ring binders, Making. J. Schade. 2,384,134; Sept. 4.
Metal parts for ring binders, Making. J. Schade. 2,385,883; Oct. 2.
Metal pieces, Shaping elongated. F. Amiot. 2,369,515; Feb. 13.
Metal plate dimpling machine. L. C. Huck. 2,390,537; Dec. 11.
Metal plate rectifier. C. A. Kotterman. 2,378,411; June 19.
Metal plates, Sensitizing and protecting. V. N. Gioseffi. 2,386,602; Oct. 9.
Metal pouring device. C. E. Logan, M. C. Dowling and P. E. Hartung. 2,372,628; Mar. 27.
Metal powder, Production of. R. L. Patterson. 2,368,489; Jan. 30.
Metal powders, Classifying. J. Wulff. 2,371,665; Mar. 20.
Metal products, Manufacture of. H. A. Brassert. 2,383,766; Aug. 28.
Metal products, Manufacture of shaped. C. Cito. 2,382,384; Aug. 14.
Metal, Recovering precious. F. C. Nachod. 2,371,119; Mar. 6.
Metals recovery apparatus. R. O. Gray. 2,381,157; Aug. 7.
Metal removing tool. R. R. Weddell. 2,385,750; Sept. 25.
Metal ring. C. E. Zarth. 2,383,577; Aug. 28.
Metal rolling process. H. Blount and C. V. Lundeen. 2,371,671; Mar. 20.
Metal salts of acylated hydroxyaromatic carboxylic acid condensation products. O. M. Reiff. 2,377,267; May 29.
Metal sheet and making same, Treated. R. R. Tanner. 2,391,656; Dec. 25.
Metal sheets, Cleaning. E. Reed. 2,380,550; July 31.
Metal sheets, Producing reinforced. E. I. Valyi and S. Tour. 2,375,334; May 8.
Metal strip and the like, Processing of. F. S. Schindler. 2,390,001; Nov. 27.
Metal strips, Bending. W. Schukraft. 2,368,163; Jan. 30.
Metal structure, Reticulated. H. E. Bartsch. 2,369,128; Feb. 13.
Metal sulphide catalysts, Application of. R. M. Cole. 2,373,626; Apr. 10.
Metal surfaces. J. M. Cohen. 2,369,946; Feb. 20.
Metal surfaces, Electrolytic cleaning and pickling of. J. S. Nachtman. 2,372,509; Mar. 27.
Metal transfer. J. W. McGill. 2,371,456; Mar. 13.
Metal treatment and fabrication, Method and apparatus for. E. Chapman. 2,367,715; Jan. 23.
Metal tube shaping machine. C. L. Dewey. 2,368,973; Feb. 6.
Metal values, Recovery of. R. C. Archibald and R. A. Trimble. 2,386,081; Oct. 2.
Metal wire, Forming extended lengths of. G. H. Slagle. 2,384,351; Sept. 4.

Metal wire, rod, strip, and the like, Method of and apparatus for making. J. B. Brennan. 2,371,604; Mar. 20.
Metal with tin, Coating cupreous. J. D. Sullivan and A. E. Pavlish. 2,369,620; Feb. 13.
Metallic abrasive composition of matter. H. Kott. 2,367,406; Jan. 16.
Metallic bodies, Producing. H. L. Crowley. 2,386,544; Oct. 9.
Metallic compositions containing bismuth. F. R. Hensel. 2,379,232; June 26.
Metallic compounds, Manufacture of. C. W. Wilson. 2,376,467; May 22.
Metallic magnesium from magnesium silicates, Producing. F. J. Hansgirg. 2,379,576; July 3.
Metallic material, Treatment of. F. J. Hansgirg. 2,367,020; Jan. 9.
Metallic powders, Molding under pressure. C. G. Goetzel. 2,386,604; Oct. 9.
Metallized paper electrical condenser. R. A. Grouse and J. Rogers. 2,388,139; Oct. 30.
Metallurgical apparatus. L. W. Bahney and A. H. Horswell. 2,369,272; Feb. 13.
Metallurgical apparatus. C. J. Westling. 2,391,496; Dec. 25.
Metallurgical apparatus. G. P. Wilson and E. Hartshorne. 2,377,597; June 5.
Metallurgical induction furnace. J. C. Harris, Jr. 2,383,384; Aug. 21.
Metallurgical treatment of raw materials, Continuous. J. Lohse. 2,375,932; May 15.
Metallurgy. M. J. Udy. 2,367,630; Jan. 16.
Metallurgy. M. J. Udy. 2,370,608; Feb. 27.
Metallurgy. M. J. Udy. 2,390,970; Dec. 11.
Metallurgy, Powder. N. K. G. Tholand. 2,366,371; Jan. 2.
Metals and alloys, Manufacture of. P. Adeline. 2,369,112; Feb. 6.
Metals, Comminution of molten. G. J. Comstock. 2,384,892; Sept. 18.
Metals, Corrosion protection of. E. R. White. 2,368,606–7; Jan. 30.
Metals, Granulating. J. P. A. McCoy. 2,380,253; July 10.
Metals, Identifying. A. Doschek. 2,366,844; Jan. 9.
Metals in multiple retort distilling furnace, Production of. F. G. Breyer. 2,386,429; Oct. 9.
Metals, Melting and refining ferrous. T. F. Baily. 2,382,534; Aug. 14.
Metals, Metal-coating. C. G. Fink. 2,382,868; Aug. 14.
Metals, Preparation of powdered. C. D. Coxe. 2,377,676; June 5.
Metals, Producing. H. A. Brassert. 2,367,262; Jan. 16.
Metals, Purification of. P. P. Alexander. 2,375,198–9; May 8.
Metals, Removal of electrodeposited. W. S. Loose. 2,371,529; Mar. 13.
Metals, Uniting. R. H. Hobrock. 2,373,116–17; Apr. 10.
Metalworking apparatus, Electromagnetic vibratory. H. V. Harding. 2,383,383; Aug. 21.
Metalworking machine. R. J. S. Pigott. 2,386,572; Oct. 9.
Metalworking machine. C. N. Raibourn. 2,368,614; Feb. 6.
Metalworking tool. R. D. Stephens. 2,378,871; June 19.
Meter: *See*—
Ammunition belt tension meter.
Concrete consistency meter.
Electrical ratio meter.
Exposure meter.
Fluid flow meter.
Fluid meter.
Float controller meter.
Gas meter.
Gravity meter.
Light meter.
Liquid meter.
Magnetic field gradient meter.
Photoelectric exposure meter.
Prepayment meter.
Radiographic exposure meter.
Reverberation meter.
Short time interval meter.
Synchronous motor time meter.
Tensiometer.
Thrust meter.
Visual photographic exposure meter.
Meter and indicator therefor, Interval. T. F. Bludworth. 2,385,254; Sept. 18.
Meter and method, Null-type. D. B. Sinclair. 2,376,394; May 22.
Meter and scale therefor. J. V. Skulley. 2,384,350; Sept. 4.
Meter box and the like. E. G. Johansson. 2,367,127; Jan. 9.
Meter for magnetos, Test. D. F. McClellan and H. Chasen. 2,383,557; Aug. 28.
Meter mounting. E. G. Johansson. 2,370,043; Feb. 20.
Meter testing instrument support. R. R. Carlson. 2,390,640; Dec. 11.
Metering apparatus. M. M. Borden. 2,385,772; Oct. 2.
Metering device, Maximum demand. P. Heynisch. 2,382,009; Aug. 14.
Metering system, Automatic printing and totalizing. T. G. Le Clair. 2,366,913; Jan. 9.
Metering system, Impulse. M. J. Brown. 2,384,792; Sept. 18.
Meters, Contactor for moisture. R. S. Hart. 2,370,658; Mar. 6.
Methacrylic acid, Manufacture of. L. Coes, Jr. 2,379,625; July 3.
Methallyl chloroformate. I. E. Muskat. 2,370,570; Feb. 27.
Method and machine for making hosiery. F. Lambach. 2,366,340; Jan. 2.
Method and machine for punching out articles from strips. M. H. Sidebotham. 2,386,147; Oct. 2.
Method of machining parts. L. A. Corey. 2,387,214; Oct. 16.
Method of making shoes and product of said method. A. Sanchioni. 2,386,910; Oct. 16.
Methoxymethylene-malonitrile, Manufacture of. F. Bergel, A. Cohen, and J. W. Haworth. 2,375,185; May 8.
Methyl cyclopentadiene and cyclopentadiene, Copolymerization of. S. G. Trepp. 2,387,624; Oct. 23.
Methyl formate to formic acid, Conversion of. D. J. Loder. 2,373,583; Apr. 10.
Methyl phenylacetylene from ring substituted methyl styrene, Removing. F. J. Soday. 2,372,524; Mar. 27.
Methyl silicon polymers and preparation. R. R. McGregor and E. L. Warrick. 2,382,082; Aug. 14.
Methyl styrene, Purifying ring substituted. F. J. Soday. 2,383,921; Aug. 28.
Methyl vinyl ketone, Preparation of. W. J. Hale and L. A. Underkofler. 2,371,577; Mar. 13.
Methylene compounds, Polymerizing unsaturated. C. E. Barnes. 2,369,520; Feb. 13.
Metronome. G. C. Engel and F. L. Eidmann. 2,375,294; May 8.
Mica, Method and apparatus for delaminating. F. E. Fisher. 2,380,741; July 31.
Mica products, Making high temperature-resisting bonded. W. A. Boughton, W. R. Mansfield, and F. C. Hughes. 2,387,559; Oct. 23.
Mica sheet and making the same. F. G. Pellett. 2,367,047; Jan. 9.
Micro wave control apparatus. J. H. Cotton. 2,388,830; Nov. 13.
Micromatic adjustment for work tables. A. Serna. 2,370,882; Mar. 6.
Micrometer and crank grinding tool, Combined. R. C. Worley. 2,374,849; May 1.
Micrometer gauge. J. J. Jackman. 2,391,020; Dec. 18.
Micrometer gauge. U. Weiss and D. Leone. 2,382,759; Aug. 14.
Micrometer, Inside. J. F. Rondinone. 2,384,343; Sept. 4.
Microorganisms, Preserving. P. A. Ark. 2,376,333; May 22.
Microphone. C. E. Fisher. 2,379,514; July 3.
Microphone boom. A. G. Wright. 2,366,950; Jan. 9.
Microphone circuit. H. C. Hornickel. 2,380,438; July 31.
Microphone, Throat. J. M. Kuhlik. 2,385,867; Oct. 2.
Microphonic electron tube. J. Rothstein. 2,389,935; Nov. 27.
Microphoto apparatus. J. A. Reyniers. 2,369,981; Feb. 20.
Microscope, Document reading. E. G. Fassel. 2,372,192; Mar. 27.
Military aircraft. V. J. Burnelli. 2,380,289; July 10.
Military tool. P. E. Willman. 2,368,792; Feb. 6.
Military vehicle. S. H. Webster. 2,385,480; Sept. 25.
Milk dispenser. L. F. Norris. 2,377,261; May 29.
Milk cans, Venting. J. A. Hopwood. 2,371,296; Mar. 13.
Milk, cream, curd, and cheese, Improving. G. Friedel. 2,385,569; Sept. 25.
Milk, Manufacture of evaporated. R. Whitaker, R. P. Myers, and R. E. Homberger. 2,372,239; Mar. 27.
Milk, Pasteurizing. A. C. Dahlberg and R. F. Holland. 2,390,872; Dec. 11.
Milk pipe rack. N. C. Ball. 2,376,955; May 29.
Milk product and the preparation thereof, Dry. D. E. Mook. 2,383,070; Aug. 21.
Milk products, Making homogenized. E. D. Fear. 2,374,427; Apr. 24.
Milk products, Preparation of concentrated fluid. P. T. Lemmel and H. P. Fell. 2,381,761; Aug. 7.
Milk, Soft curd. R. G. Helmer and M. G. Farnham. 2,376,693; May 22.
Milker construction. J. R. Lowry. 2,366,273; Jan. 2.
Milking appliance. C. H. Howard. 2,377,234; May 29.
Milking apparatus. C. E. Omdalen. 2,376,717; May 22.
Milking machine, Vacuum break. H. R. Cleverly. 2,371,803; Mar. 20.
Milking parlor. H. B. Babson and J. J. Stampen. Re. 22,657; Aug. 7.
Mill: *See*—
Adjustable rolling mill.
Continuous tube rolling mill.
Emulsifying mill.
End mill.
Fulling mill.
Grinding mill.
Hammer mill.
Lathe and turret mill.
Multiple roll mill.
Reducing mill.
Rolling mill.
Tube reducing mill.
Two stage rotary mill
Wire rolling mill.
Mill. J. Alexander. 2,383,437; Aug. 28.
Mill. F. A. Beatty. 2,389,888; Nov. 27.
Millable composition. M. T. Harvey. 2,383,789; Aug. 28.
Miller devoid of driving wheel means, Motor-carrying ground. A. Rutishauser. 2,375,137; May 1.
Milling and grinding machine. W. Umbdenstock. 2,375,052; May 1.
Milling and like machine for copying and reproducing. J. T. Bolas. 2,389,407; Nov. 20.

Milling and marking machine. E. T. Nord. 2,381,921; Aug. 14.
Milling attachment, Internal and external. J. M. Schmidt. 2,372,913; Apr. 3.
Milling cutter. C. K. Emde, J. H. Rogers, and G. H. Posejpal. 2,374,528; Apr. 24.
Milling cutter. S. Francis. 2,377,773; June 5.
Milling cutter. D. Seiter. 2,382,509; Aug. 14.
Milling, grinding, turning, or other machine tool. H. J. Lorant and A. Sadger. 2,376,262; May 15.
Milling head attachment for metal working machines. C. E. Skelton. 2,385,735; Sept. 25.
Milling machine. J. B. Armitage. 2,379,405; July 3
Milling machine. R. S. Condon. 2,383,910; Aug. 28.
Milling machine. N. M. Marsilius. 2,380,859; July 31.
Milling machine. R. L. Rougemont and J. B. Wilson. 2,384,133; Sept. 4.
Milling machine. F. W. Rowe. 2,373,341; Apr. 10.
Milling machine. H. M. Scarff. 2,388,872; Nov. 13.
Milling machine. R. D. Wortendyke. 2,368,061; Jan. 23.
Milling machine attachment. R. J. Brown. 2,373,944; Apr. 17.
Milling machine attachment for lathes. W. C. Hungerford. 2,375,789; May 15.
Milling machine for ingots. L. Antonelli and O. Pavan. 2,387,553; Oct. 23.
Milling machine, Thread. A. J. Prance. 2,382,662; Aug. 14.
Mine, Antiaircraft. V. N. Vertzinsky. 2,372,804; Apr. 3.
Mine door. T. P. Topping. 2,376,638; May 22.
Mine, Land. P. J. M. R. Delalande. 2,374,179; Apr. 24.
Mine, Land. T. A. Parker. 2,377,174; May 29.
Mine sweeping cable. D. Larkin. 2,384,038; Sept. 4.
Mineral fortification of foodstuffs. R. E. Sadtler. 2,371,189; Mar. 13.
Mineral Oil. H. S. Angel, E. W. Fuller, and H. G. Berger. 2,381,377; Aug. 7.
Mineral oil composition. J. H. Bishop. 2,376,306; May 15.
Mineral oil composition. J. J. Giammaria and O. M. Reiff. 2,386,206; Oct. 9.
Mineral oil composition. T. T. Noland. 2,379,453; July 3.
Mineral oil composition. H. G. Smith, T. L. Cantrell and J. G. Peters. 2,378,442–3; June 19.
Mineral oil composition and improving agents therefor. O. M. Reiff and H. D. Hartough. 2,367,377; Jan. 16.
Mineral oil compound. H. H. Williams and E. W. Fuller. 2,388,199; Oct. 30.
Mineral oil, Compounded. F. W. Kavanagh, B. B. Farrington, and J. O. Clayton. 2,381,912; Aug. 14.
Mineral oil, Desalting. G. S. Nees and R. B. Perkins, Jr. 2,380,458; July 31.
Mineral oil, Desalting of. C. G. Kirkbride. 2,366,792; Jan. 9.
Mineral oil, Refining. P. T. Parker. 2,371,408; Mar. 13.
Mineral wax-type compositions, Modification of. D. E. Pearsall. 2,387,529; Oct. 23.
Mineral wool apparatus. F. C. Freeman and A. B. Rieger. 2,376,043; May 15.
Mineral wool apparatus. E. R. Powell. 2,369,605; Feb. 13.
Mineral wool product, Making. H. T. Coss. 2,375,284; May 8.
Minerals, Concentrating. L. J. Erck. 2,378,356–7; June 12.
Minerals, Concentrating. G. J. Holt. 2,368,416; Jan. 30.
Minerals of different specific gravity, Separating. C. E. Wuensch. 2,373,635; Apr. 10.
Mining cutter bit. H. M. Stephens. 2,379,044; June 26.
Mining machine. A. L. Lee. 2,387,159; Oct. 16.
Mining machine. F. B. Miller. 2,368,863; Feb. 6.
Mining machine. B. Tocci-Guilbert. 2,366,222; Jan. 2.
Mining, Process and apparatus for military and naval. C. Tietig. 2,369,325; Feb. 13.
Mirror and reflector. W. H. Colbert and W. L. Morgan. 2,387,745; Oct. 30.
Mirror equipment, Portable. C. T. Bolinger. 2,379,214; June 26.
Mirror or reflector. W. H. Colbert. 2,390,424; Dec. 4.
Mirror retaining means. A. Marchand. 2,383,809; Aug 28.
Mirror-sight aiming device. G. A. Rubissow. 2,374,956; May 1.
Miscella and like mixtures through a filtering medium of solid oil-bearing material, Processes and apparatus for filtering. M. Bonotto. 2,370,138; Feb. 27.
Missile structure, Frangible. C. E. Choate and R. E. Townsend, Jr. 2,377,675; June 5.
Mist separator. J. B. Clark. 2,369,020; Feb. 6.
Mitt, Bath. A. R. Baldeschwieler. 2,374,068; Apr. 17.
Mitt, Toe. E. S. McCandless. 2,391,064; Dec. 18.
Mitten. O. C. Daiber. 2,380,633; July 31.
Mixed material separator. J. A. Erickson. 2,389,966; Nov. 27.
Mixer: *See*—
- Food mixer.
- Gas and liquid mixer.
- Gas mixer.
- Hot and cold water mixer.
- Steam and water mixer.
- Thermostatic mixer.

Mixer and beater. M. Polcar. 2,374,831; May 1.
Mixer and water cooling device, Combination dough. M. A. Sticelber. 2,370,888; Mar. 6.
Mixer with pressure controlled mullers. D. Brown. 2,377,307; June 5.
Mixing apparatus. H. G. Houlton. 2,367,279; Jan. 16.
Mixing apparatus. A. J. L. Hutchinson. 2,375,558; May 8.
Mixing attachment. A. I. Podell. 2,376,722; May 22.
Mixing device. A. Hirschi. 2,388,972; Nov. 13.
Mixing device. J. L. Walker. 2,391,110; Dec. 18.
Mixing, kneading, shredding, pulping, and like machines. J. E. Pointon. 2,389,545; Nov. 20.
Mixing machine. G. A. Fasold. 2,368,977; Feb. 6.
Mixing valve. B. A. Reynolds. 2,383,215; Aug. 21.
Mixture containing sodium bicarbonate, Preparation of a. W. McGeorge and F. H. Milner. 2,378,147; June 12.
Mixture control. R. K. Thompson and K. E. Dixon. 2,389,219; Nov. 20.
Mixture control. S. M. Udale. 2,367,542; Jan. 16.
Mixture control apparatus. D. J. Deschamps. 2,388,681; Nov. 13.
Mixture for trap gun cartridges, Poison. E. P. Marlman. 2,368,368; Jan. 30.
Moccasin blank. F. R. Speight. 2,375,961; May 15.
Moccasin seam sewing machine. F. R. Speight. 2,387,813; Oct. 30.
Model construction. J. H. Rieger. 2,366,652; Jan. 2.
Model form, Collapsible. J. Kroll. 2,367,171; Jan. 9.
Modifiers for polymerization of butadiene-1,3 hydrocarbons. C. F. Fryling. 2,388,477; Nov. 6.
Modifiers for polymerization of butadiene-1,3 hydrocarbons. B. M. G. Zwicker and W. D. Stewart. 2,388,514–5; Nov. 6.
Modifying the molecular structure of oils and fats. E. W. Eckey. 2,378,007; June 12.
Modulating condition responsive switch. G. W. Crise. 2,366,387; Jan. 2.
Modulation detection, Phase. L. E. Norton. 2,375,577; May 8.
Modulation detection, Undesired. F. Woerner. 2,378,612; June 19.
Modulating means for cooler control. J. E. Chapman. 2,385,060; Sept. 18.
Modulating valve. H. L. Beekley. 2,387,225; Oct. 23.
Modulation system. J. J. Antalek. 2,372,701; Apr. 3.
Modulation system. C. B. Watts, Jr. 2,368,693; Feb. 6.
Modulating system for frequency multipliers. A. L. Nelson. 2,380,366; July 10.
Modulation system, Frequency. R. M. Wilmotte. 2,386,528; Oct. 9.
Modulation circuit. A. Alford and G. K. Patterson. 2,383,456; Aug. 28.
Modulation control, Screen-grid. O. De Guire. 2,385,566; Sept. 25.
Modulation of electrical quantities. F. J. D'Agostino and S. A. Valdes. 2,385,086; Sept. 18.
Modulator. R. C. Shaw. 2,379,042; June 26.
Modulator and control means, Wave length. M. G. Crosby. 2,380,947; Aug. 7.
Modulator, Frequency. D. A. Bell. 2,384,789; Sept. 18.
Modulator, Frequency. W. P. Mason. 2,379,819; July 3.
Modulator system, Synthetic. R. A. Hilferty. 2,378,013; June 12.
Modulator, Wave length. M. G. Crosby. 2,375,527; May 8.
Moistening device. A. Burckhardt and F. J. Rouan. 2,368,520; Jan. 30.
Moisture measurement of materials, Method and apparatus for. H. Olken. 2,373,846; Apr. 17.
Moistureproof container. J. M. Patek. 2,367,520; Jan. 16.
Mold: *See*—
- Anode mold.
- Butter mold.
- Collapsible mold.
- Compression mold.
- Concrete block and tile mold.
- Matrix tread vulcanizing mold.
- Polymerization mold.
- Tire mold.
- Recap mold.
- Refractory mold.
- Temperature control mold.
- Vulcanizing mold.

Mold. E. Mayer. 2,369,067; Feb. 6.
Mold. W. Rose. 2,368,327; Jan. 30.
Mold. C. E. Sorensen. 2,383,224; Aug. 21.
Mold. R. L. Watson. 2,379,616; July 3.
Mold and fabrication method. L. Navias. 2,383,812; Aug. 28.
Mold chill. M. E. Gantz. 2,381,734–5; Aug. 7.
Mold construction. R. W. Brown. 2,367,822; Jan. 23.
Mold construction for platen presses. D. G. Rempel. 2,367,525; Jan. 16.
Mold for binding books. J. J. Krehbiel. 2,379,971; July 10.
Mold for butter and the like. J. L. Wade. 2,370,925; Mar. 6.
Mold for casting electrolytic cells. A. W. Moore, F. B. Moran, H. L. Christian, and D. D. Morris. 2,385,830; Oct. 2.
Mold for concrete bombs. R. P. Petersen. 2,388,569; Nov. 6.
Mold for forming artificial teeth. M. S. Moskey. 2,368,721; Feb. 6.
Mold for frozen comestibles. B. H. Moore. 2,384,041; Sept. 44.

Mold for sliding clasp fasteners. J. Kuna. 2,374,292; Apr. 24.
Mold for tires, Tread vulcanizing. E. A. Glynn. 2,370,655; Mar. 6.
Mold form. H. F. Hagemeyer. 2,382,053; Aug. 14.
Mold lock. H. M. Louden and C. W. McCreery. 2,383,556; Aug. 28.
Mold sprayer, Ingot. J. W. Stewart. 2,387,362; Oct. 23.
Mold with spring tensioned diaphragm, Ice. L. L. Mallard. 2,377,436; June 5.
Moldable materials and making same. F. Ringer. 2,366,425; Jan. 2.
Moldable plastics composition and preparing same. A. W. Koon. 2,372,433; Mar. 27.
Molded article. C. A. Bauer. 2,376,305; May 15.
Molded articles, Forming. V. A. Navikas. 2,385,722; Sept. 25.
Molded articles, Making arcuate. D. E. Lucid. 2,369,583; Feb. 13.
Molded boat. K. H. Bowen. 2,376,753; May 22.
Molded composition friction bodies, Manufacture of. E. E. Novotny. 2,390,266; Dec. 4.
Molded lightning-arrester block. W. G. Roman. 2,376,815; May 22.
Molded plastic die members with electric heating elements embodied therein, Manufacturing. C. F. Marschner and E. W. Bryan. 2,391,432; Dec. 25.
Molded product, Making a. H. F. Taylor. 2,374,246; Apr. 24.
Molded product, Producing. K. L. Landon. 2,379,163; June 26.
Molded products from vegetable starting material, Manufacture of. A. Karim. 2,382,568; Aug. 14.
Molding. G. H. Frank and B. M. A. Trebes. 2,369,291; Feb. 13.
Molding. A. J. Stamm and H. D. Turner. 2,391,489; Dec. 25.
Molding and core sand, Reclaiming. B. A. Smith. 2,384,573; Sept. 11.
Molding and curing self-setting magnesia. A. M. Dinkfeld. 2,368,975; Feb. 6.
Molding apparatus. A. J. Brunner. 2,382,200; Aug. 14.
Molding apparatus. W. Fleenor. 2,368,818; Feb. 6.
Molding apparatus. R. W. Peacock. 2,376,805; May 22.
Molding apparatus. J. Schaub. 2,370,920; Mar. 6.
Molding apparatus. F. A. Schultz. 2,378,586; June 19.
Molding apparatus. F. E. Trockle, E. D. McClellan, and W. D. Simpson. 2,386,641; Oct. 9.
Molding apparatus, Automatic. G. B. Sayre. 2,375,252; May 8.
Molding apparatus for making thin-walled hollow articles. H. M. Dodge. 2,370,294; Feb. 27.
Molding apparatus, Injection. F. von Opel. 2,374,468; Apr. 24.
Molding articles. A. E. Gibson, Jr. 2,370,623; Mar. 6.
Molding composition. J. D. Gold. 2,371,688; Mar. 20.
Molding composition. J. S. Tinsley. 2,368,788; Feb. 6.
Molding composition comprising very plastic polymers of chloroprene and the like. H. W. Starkweather and F. N. Wilder. 2,385,739; Sept. 25.
Molding composition, Heat-treated asbestos filled. P. C. Schroy. 2,385,384; Sept. 25.
Molding compositions. J. K. Speicher. 2,389,940; Nov. 27.
Molding compositions and products produced therefrom, Inorganic. E. H. Brink and N. F. Arone. 2,366,485; Jan. 2.
Molding device. L. B. Salisbury. 2,385,544; Sept. 25.
Molding form. D. G. Cline. 2,374,420; Apr. 24.
Molding machine. P. Pritchard. 2,371,980; Mar. 20.
Molding machine. H. Stemmler and K. Künzi. 2,376,203; May 15.
Molding machine. R. B. Tedrow. 2,390,564; Dec. 11.
Molding machine. P. C. Tracy. 2,391,527; Dec. 25.
Molding machine, Block. H. L. Lofdahl. 2,389,673; Nov. 27.
Molding machine, Injection. C. Jobst. 2,372,833; Apr. 3.
Molding machine, Soap. C. T. Walter. 2,385,322; Sept. 18.
Molding of plastic compositions, Injection. H. J. Lynch. 2,386,697; Oct. 9.
Molding press. P. E. Flowers. 2,368,756; Feb. 6.
Molding press. T. F. Stacy. 2,367,242; Jan. 16.
Molding press. F. J. Stokes, Jr., and L. H. Bailey. 2,389,561; Nov. 20.
Molding, Pressure. C. C. Misfeldt. 2,391,182; Dec. 18.
Molding process and product thereof. C. W. Egan. 2,390,525; Dec. 11.
Molding process, Veneer. C. U. Gramelspacher. Re. 22,687; Nov. 6.
Molding, shaping and uniting apparatus. R. J. Nebesar. 2,370,322; Feb. 27.
Molding trays, Method of and apparatus for. F. M. Curran. 2,382,004; Aug. 14.
Molds and the like, Method of and apparatus for conditioning. C. A. Barnett. 2,385,962; Oct. 2.
Molds, Conditioning gel. V. V. Vallandigham. 2,390,138; Dec. 4.
Molds, Fabricating. R. H. Thielemann. 2,388,299; Nov. 6.
Molds having accommodation cores, Making. R. J. Miller. 2,368,718; Feb. 6.
Molds having transition cores, Making. R. J. Miller. 2,391,587; Dec. 25.
Molds, Inhibiting growth of. C. M. Gooding. 2,379,294; June 26.
Molds, Making. G. D. Marcy. 2,385,456; Sept. 25.
Molds, Making. E. H. Wallace. 2,388,776; Nov. 13.
Molds, Preparation of dry sand. A. S. Nichols. 2,367,648; Jan. 16.
Molecular mercaptals and mercaptols, Production of higher. E. Schrim. 2,369,612; Feb. 13.
Molten Be-containing alloys for casting, Conditioning. F. O'N. Wyllie. 2,380,566; July 31.
Molten magnesium and magnesium-base alloys, Protection of. G. F. Gunn. 2,378,699; June 19.
Molybdate and alumina from spent catalysts, Separation and recovery of. A. Kissock. 2,367,506; Jan. 16.
Molybdenum from spent catalyst to fresh solid catalyst material, Transferring. H. T. Brown. 2,367,263; Jan. 16.
Moneybag. I. Macdonald. 2,374,115; Apr. 17.
Monitor, Transmission line. G. L. Usselman. 2,366,660; Jan. 2.
Monitor, Wave frequency. W. R. Koch. 2,366,628; Jan. 2.
Monitoring and measuring apparatus for frequency modulated signals. R. A. Braden. 2,369,011; Feb. 6.
Monitoring device for spot welding machines. N. C. Clark and P. R. Carlson. 2,370,009; Feb. 20.
Mono- and di-alkyl esters of sulphuric acid, Separation of. H. F. Kohler. 2,380,532; July 31.
Mono-acyl ethylene diamines. N. Weiner. 2,387,201; Oct. 16.
Monoacyl–p,p′-diaminodiphenyl sulphones and making same. J. H. Williams and R. O. Roblin, Jr. 2,366,664; Jan. 2.
Monoazo compounds. J. G. McNally and J. B. Dickey. 2,382,433; Aug. 14.
Monoazo compounds. J. G. McNally and J. B. Dickey. 2,390,113; Dec. 4.
Monoethanolamine solutions, Stabilization of. R. M. Reed. 2,377,966; June 12.
Monoethyl aniline, Preparation of. A. G. Hill and R. E. Sayre. 2,377,233; May 29.
Monomeric and polymeric esters of vinyl thiols and their manufacture. M. M. Brubaker. 2,378,535; June 19.
Monomers, Purification of alkyl methacrylate. B. M. Marks. 2,377,952; June 12.
Monosulphide preparation, Tetraalkylthiuram. E. Kay. 2,383,318; Aug. 21.
Monothiobiuret, Preparing. R. L. Sperry. 2,371,113; Mar. 6.
Mooring device. A. Baliman. 2,383,950; Sept. 4.
Mop. P. B. Coats. 2,384,602; Sept. 11.
Mop, Cleaning. A. J. Penick. 2,373,050; Apr. 3.
Mop construction. B. A. Olsen. 2,376,450; May 22.
Mop device, Sanitary. L. C. McCleave. 2,378,644; June 19.
Mophead. L. C. Osborne. 2,368,037; Jan. 23.
Mop head and mop. H. Schaffhauser. 2,374,782; May 1.
Mop, Roofer's. B. A. Olsen, E. T. Combs, and J. H. Nelson. 2,389,322; Nov. 20.
Mop structure. J. C. Trindl. 2,380,128; July 10.
Mop swab for use on smooth surfaced floorings and the like. F. C. and J. S. Brennan and L. J. Reysa. 2,374,170; Apr. 24.
Morpholine compounds. J. B. Dickey and J. G. McNally. 2,374,181; Apr. 24.
Morpholine compounds, Producing. W. H. Strain and J. B. Dickey. 2,381,935; Aug. 14.
Mortar, Combination. C. F. Shaffer. 2,383,087; Aug. 21.
Mortar depositing device. J. Moore. 2,373,971; Apr. 17.
Mortar, Portable ground. H. J. Fanger and H. Gruenhagen. 2,378,691; June 19.
Mosaic Electrodes, Manufacturing. H. B. DeVore. 2,380,505; July 31.
Mosaic sensitivity indicator. L. F. Mayle. 2,389,991; Nov. 27.
Motion effecting mechanism. C. R. Sacchini. 2,376,013; May 15.
Motion for knitting machines, Stop. J. Wachsman. 2,368,184; Jan. 30.
Motion-picture apparatus. F. O. Calvin, W. G. Wilson, and T. R. Smith. 2,384,597; Sept. 11.
Motion-picture apparatus. E. E. Masterson. 2,371,836; Mar. 20.
Motion picture apparatus. M. V. Mercer. 2,383,493; Aug. 28.
Motion picture sound record. M. W. Seymour and W. D. Peterson. 2,382,670; Aug. 14.
Motion picture theater. T. C. Gray. 2,380,837; July 31.
Motion pictures, Making. D. B. Clark. 2,384,601; Sept. 11.
Motion take-up for control cables. E. W. Batterson and E. A. Midling. 2,369,332; Feb. 13.
Motion transmitting mechanism. C. D. Buck. 2,369,528; Feb. 13.
Motion transmitting mechanism. J. Kunz. 2,366,199; Jan. 2.
Motive system. R. M. Nardone. 2,375,029; May 1.

Motor: *See*—
- Air motor.
- Alternating current vernier motor.
- Anode ring motor.
- Charger motor.
- Current motor.
- Direct-current motor.
- Double acting reciprocating air motor.
- Electric motor.
- Expansible chamber motor.
- Fluid motor.
- Fluid power motor.
- Fluid pressure motor.
- Heat motor.
- Hydraulic fluid motor.
- Hydraulic motor.
- Internal-combustion motor.
- Internal-combustion rotary motor.
- Pyromagnetic motor.
- Quick reversing motor.
- Quick reversing single phase motor.
- Reversible hoist motor.
- Reversible single-phase motor.
- Reversing split-phase motor.
- Rotary motor.
- Servo motor.
- Shaded-pole synchronous electric motor.
- Shaver motor.
- Steam motor.
- Synchronous motor.
- Thermal motor.
- Tube cleaner motor.
- Two-speed motor.
- Wave motor.
- Windshield wiper motor.

Motor. W. M. Emery. 2,373,668; Apr. 17.
Motor. B. F. Snyder. 2,369,374; Feb. 13.
Motor adjusting mechanism. F. O. Luenberger and C. E. Pugh. 2,377,563; June 5.
Motor and brake assembly. J. C. Cox. 2,371,952; Mar. 20.
Motor and operating it, Internal-combustion. L. M Showers. 2,383,749; Aug. 28.
Motor and shimmy dampener for airplane landing gear wheels, Hydraulic steering. H. L. Chisholm. 2,372,710; Apr. 3.
Motor and shimmy dampener for airplane landing gear wheels, Hydraulic steering. H. L. Chisholm, Jr. 2,383,773; Aug. 28.
Motor apparatus, Adjustable-speed polyphase alternating-current. A. G. Conrad. 2,379,867; July 10.
Motor base, Nonchattering. P. F. Koch. 2,370,048; Feb. 20.
Motorboat, Pontoon. L. N. Bell, R. R. and H. E. Harris. 2,369,129; Feb. 13.
Motorboat propulsion mechanism. M. C. Bossen. 2,384,436; Sept. 11.
Motor brackets, Adjusting device for. R. A. Johnstone. 2,368,362; Jan. 30.
Motor construction. S. S. Brown. 2,386,930; Oct. 16.
Motor control. R. W. Beland. 2,387,799; Oct. 30.
Motor control. C. Brongersma. 2,388,382; Nov. 6.
Motor control. J. R. Lindsay. 2,376,791; May 22.
Motor control. E. L. Schwarz. 2,380,268; July 10.
Motor control for electric hoists. C. J. Manney and H. D. Moore. 2,386,487; Oct. 9.
Motor control, Single-phase. H. E. Ellis. 2,382,983; Aug. 21.
Motor control system. G. Davenport. 2,374,257; Apr. 24.
Motor control system. J. C. Gilbert-Carter. 2,367,938; Jan. 23.
Motor control system. E. U. Lassen and J. M. Newman. 2,381,604; Aug. 7.
Motor control system. J. D. Lewis. 2,391,320; Dec. 18.
Motor control system. D. L. Lindquist and J. D. Lewis. 2,373,579; Apr. 10.
Motor control system. K. Mahnke. 2,367,956; Jan. 23.
Motor control system. H. T. Sparrow. 2,389,939; Nov. 27.
Motor control system. J. White. 2,377,286, May 29.
Motor controller. E. E. Moyer. 2,368,485; Jan. 30.
Motor controller. J. M. Naul. 2,371,772; Mar. 20.
Motorcycle fluid drive. C. A. Johnson. 2,387,076; Oct. 16.
Motorcycle springing. E. Latscher-Latka. 2,376,788; May 22.
Motor drive for printing and issuing machines. T. A. Keen and J. Kilburg. 2,378,709; June 19.
Motor drive for small machinery. W. W. Dawson. 2,367,267; Jan. 16.
Motor for lawn sprinklers, etc., Water. E. W. Detjen. 2,390,355; Dec. 4.
Motor for lubricating pumps, Air. G. H. Palm. 2,370,068; Feb. 20.
Motor fuel and by-products, Making. J. H. James. 2,367,125; Jan. 9.
Motor fuel, Manufacture of. H. V. Atwell. 2,379,334; June 26.
Motor fuel, Manufacture of. A. R. Goldsby. 2,383,056; Aug. 21.
Motor fuel, Manufacture of. H. R. Warrick. 2,382,117; Aug. 14.
Motor fuel, Preparing an improved. A. L. Stanly. 2,369,497; Feb. 13.
Motor fuel, Production of. G. T. Gwin. 2,385,133; Sept. 18.
Motor fuels, Production of. P. J. Harrington. 2,367,348; Jan. 16.
Motor mounting. E. F. Riesing. 2,367,833; Jan. 23.
Motor operated door closing device. W. P. Levon. 2,371,336; Mar. 13.
Motor operator. W. E. Edelman. 2,379,954; July 10.
Motor protector. G. C. Pearce. 2,388,800; Nov. 13.
Motor pump unit. E. C. Taylor. 2,370,590; Feb. 27.
Motor starting circuits and resistance unit for use therein. H. J. Graham. 2,384,025; Sept. 4.
Motor steering apparatus. L. C. Bowling. 2,368,741; Feb. 6.
Motor unit, Hydraulic. J. B. Van Der Werff. 2,389,654; Nov. 27.
Motor vehicle. E. Aghnides. 2,372,043; Mar. 20.
Motor vehicle. T. J. Collings. 2,377,838; June 5.
Motor vehicle. J. A. Kennedy. 2,373,028; Apr. 3.
Motor vehicle. E. P. Lamb and R. H. Duff. 2,390,218; Dec. 4.
Motor vehicle. E. S. MacPherson. 2,375,670; May 8.
Motor vehicle. J. P. Marcy. 2,383,611; Aug. 28.
Motor vehicle. F. R. McFarland. 2,382,246; Aug. 14.
Motor vehicle. D. G. Roos. 2,367,434; Jan. 16.
Motor vehicle. A. P. Steele. 2,375,046; May 1.
Motor vehicle. L. Thoms and D. L. Maker. 2,373,356; Apr. 10.
Motor vehicle. E. A. Weiss. 2,370,097–8; Feb. 20.
Motor vehicle identification tag holder. C. T. and L. H. Storm. 2,388,349; Nov. 6.
Motor-vehicle top construction. J. Galamb. 2,368,133; Jan. 30.
Motor with separate drive shafts. E. H. Piron. 2,391,103; Dec. 18.
Motors, Double swivel bracket for outboard. H. B. Tobias. 2,390,135; Dec. 4.
Mount. C. N. Cross. 2,373,874; Apr. 17.
Mount and film gate construction for motion-picture projection machines, Lens. E. Boecking. 2,368,634; Feb. 6.
Mount and making the same, Picture. C. N. Cross. 2,369,438; Feb. 13.
Mount and the like, Film. I. C. Rinn. 2,385,541; Sept. 25.
Mount, Antivibration or shock absorber. D. L. Lane. 2,384,476; Sept. 11.
Mount, Camera objective holder. G. Baer. 2,383,439; Aug. 28.
Mount, Display. C. N. Cross. 2,390,294; Dec. 4.
Mount, Engine. W. E. Stitz and D. C. Kennard. 2,367,697; Jan. 23.
Mount for cowl and manifold supporting means, Cushion. R. I. Markey. 2,370,559; Feb. 27.
Mount for eyepieces. G. E. Guellich. 2,388,051; Oct. 30.
Mount for fixed machine guns, Rear. G. P. Ogg 2,383,985; Sept. 4.
Mount for knitting machines, Adjustable cam. I. H. C. Green and E. St. Pierre. 2,369,781; Feb. 20.
Mount for papermaking machines, Bearing. E. W. Clem and J. P. Munton. 2,372,764; Apr. 3.
Mount for rotary card index boxes and filing cabinets. G. E. C. Kraft. 2,370,474; Feb. 27.
Mount for the assembly of flat printing plates, Mechanized. J. Murray. 2,373,491; Apr. 10.
Mount, Laminated slide film. J. J. Bradford. 2,383,465; Aug. 28.
Mount, Picture. H. Neiman. 2,388,431; Nov. 6.
Mount support. L. E. Harding. 2,387,066; Oct. 16.
Mounting: *See*—
- Actuator mounting.
- Adjustable optical mounting.
- Aircraft engine mounting.
- Aircraft gun mounting.
- Airplane engine mounting.
- Airscrew propeller mounting.
- Auxiliary mounting.
- Auxiliary spring mounting
- Bearing mounting.
- Book mounting.
- Collar can collar mounting.
- Corset stay mounting.
- Crystal mounting.
- Cutter mounting.
- Electrical instrument mounting.
- Engine mounting.
- Expansible member mounting.
- Fire escape chute mounting.
- Fixed loop antenna mounting.
- Flag mounting.
- Fluorescent lamp mounting
- Furniture leg mounting.
- Gauge mounting.
- Grinding wheel mounting.
- Gun mounting.
- Gun port mounting.
- Gun sight mounting.
- Hairspring mounting.
- Harvester reel mounting.
- Kitchen utility mounting.
- Lamp mounting.
- Lens mounting.
- Mechanical pencil eraser mounting.
- Meter mounting.
- Motor mounting.
- Ophthalmic mounting.
- Pickup arm mounting.
- Pivotal mounting.
- Platen mounting.
- Porcelain enameled panel mounting.
- Punch and die mounting.
- Punch mounting.
- Resilient mounting.
- Steerable road wheel mounting.
- Swivel wheel mounting.
- Tool mounting.
- Transmission mounting.
- Transparent canopy mounting.
- Transparent closure mounting.
- Vacuum tube mounting.
- Waterwheel mounting.
- Wheel mounting.
- Wheel truck mounting.

Mounting. W. V. Goodhue. 2,389,726; Nov. 27.
Mounting. L. E. Harding. 2,387,065; Oct. 16.
Mounting. N. B. Strachovsky. 2,380,899; July 31.
Mounting device for fixed machine guns. J. C. Trotter. 2,376,835; May 22.
Mounting device for projectiles. H. J. Fanger, H. Gruenhagen, and C. F. Shaffer. 2,383,053; Aug. 21.
Mounting device for wheels. W. Fenton. 2,372,891; Apr. 3.
Mounting for air circulator units, Baffle. J. C. Brittingham. 2,385,773; Oct. 2.
Mounting for automatic firearms arranged on aircraft. T. Schmeider. 2,380,470; July 31.

Mounting for cylinders, End cap. T. R. Smith. 2,389,824; Nov. 27.
Mounting for dual wheels. E. V. Garnett and V. G. Garnett. 2,388,403; Nov. 6.
Mounting for electric arc furnace electrodes. W. H. Payne. 2,386,260; Oct. 9.
Mounting for electric fuses. M. Kurillo. 2,380,114; July 10.
Mounting for electrical conduit bushings. W. H. Churchill. 2,373,810; Apr. 17.
Mounting for electron tubes. T. L. Yates. 2,384,410; Sept. 4.
Mounting for explosionproof motors. W. H. De Lancey. 2,389,900; Nov. 27.
Mounting for guns, Adjustable rear. J. Martin. 2,385,218; Sept. 18.
Mounting for implement lifts. A. E. W. Johnson and R. B. Hitchcock. 2,376,541; May 22.
Mounting for interchangeable sticks and wheels. T. C. Barber. 2,385,184; Sept. 18.
Mounting for knitting machines, Controller. E. Vossen. 2,385,174; Sept. 18.
Mounting for license plate frames or the like. H. E. Davis. 2,389,897; Nov. 27.
Mounting for machine guns or small cannon for airplanes. J. Martin. 2,372,728; Apr. 3.
Mounting for motion picture and sound projectors. A. F. Victor. 2,382,116; Aug. 14.
Mounting for neon tubes and the like. S. C. Miller. 2,375,484; May 8.
Mounting for oil well masts, Fast sheave. H. J. Woolslayer, E. A. Campbell, and C. Jenkins. 2,389,226; Nov. 20.
Mounting for oscillatory members. P. N. Martin. 2,372,594; Mar. 27.
Mounting for pencils, Eraser. G. R. Averill. 2,370,831; Mar. 31.
Mounting for pulleys, etc. D. Firth. 2,390,876; Dec. 11.
Mounting for road rollers and similar devices. M. C. Wills. 2,386,025; Oct. 2.
Mounting for rock drills. P. A. Lincoln. 2,368,932; Feb. 6.
Mounting for rock drills. O. H. Sellars. 2,389,553; Nov. 20.
Mounting for rock drills. F. M. Slater. 2,389,558; Nov. 20.
Mounting for sheaves and the like. W. Siegerist. 2,377,046; May 29.
Mounting for swiveled rings. L. F. Reinhold. 2,375,829; May 15.
Mounting machine, Card. A. H. Schaub. 2,386,718; Oct. 9.
Mounting means. K. B. Austin. 2,391,668; Dec. 25.
Mounting means, Facsimile apparatus-record. W. G. H. Finch. 2,372,774; Apr. 3.
Mounting means for electrical parts. W. A. Ray. 2,387,-409; Oct. 23.
Mounting means for motor fan units of suction cleaners. C. H. Taylor. 2,372,749; Apr. 3.
Mounting means for pump impellers and the like. C. D. Bower. 2,378,974; June 26.
Mounting means for rotatable disks. R. B. Attridge. 2,386,082; Oct. 2.
Mounting of electrode support, Swivel. S. J. Cherry and L. C. Werner. 2,379,064; June 26.
Mounting of small cannon in the wings and the like of aircraft. J. Martin. 2,382,325; Aug. 14.
Mounting of units, Resilient. M. Marzetti. 2,386,248; Oct. 9.
Mounting photographs and the like. G. L. Weller, Jr. 2,387,695; Oct. 23.
Mounting rolls in dispensing cabinets. C. A. Grondona. 2,380,644; July 31.
Mouthpiece for cornets. J. Ruettiger. 2,376,453; May 22.
Mouthpiece for morticians. R. J. Embser. 2,370,850; Mar. 6.
Mouthpiece for reed instruments. M. Maccaferri. 2,368,556; Jan. 30.
Mouthpiece wiper for metal pots of typographical casting machines. J. C. Plastaras. 2,383,160; Aug. 21.
Mover, Motor powered earth. G. I. Clark. 2,368,202; Jan .30.
Movie-sound machine, Coin controlled. J. F. Eakins. 2,382,470; Aug. 14.
Moving material, Method of and apparatus for drying. C. G. Muench and G. H. Burt. 2,376,612; May 22.
Mower. W. J. Coultas. 2,383,452; Aug. 28.
Mower. C. E. Gifford and D. S. Hoover. 2,375,912; May 15.
Mower. S. E. Hilblom. 2,387,070; Oct. 16.
Mower, Lateral shift. R. Hoefner. 2,374,432; Apr. 24.
Mower, Lawn. S. F. Draim. 2,385,568; Sept. 25.
Mower, Lawn. P. L. Loewe and E. L. Boyce. 2,378,488; June 19.
Mower, Tractor. W. L. Zink, B. T. Aasland, and V. O. Hauswirth. 2,371,206; Mar. 13.
Mower unit. R. W. Speiser. 2,372,300; Mar. 27.
Mowing machine. E. R. Sawtelle and J. I. Blair. 2,377,380; June 5.
Mucking and loading machine. J. A. Hofmeister. 2,377,495; June 5.
Mud, Drilling. D. E. Butler, J. F. Herold, and V. B. Zacher. 2,377,309; June 5.
Mud, Drilling. T. H. Dunn. 2,391,622; Dec. 25.
Mud logging recording system, or the like, Drill. R. W. Stuart. 2,369,811; Feb. 20.
Mud shoe. C. H. Kearney. 2,367,219; Jan. 16.
Muds, Preparation of drilling. A. D. Garrison. 2,368,823; Feb. 6.
Muffle. H. H. Harris. 2,381,538; Aug. 7.
Muffle, Cupel. D. M. Steele. 2,383,353; Aug. 21.
Muffler. H. P. Bye. 2,385,791; Oct. 2.
Muffler. C. Demuth. 2,373,231; Apr. 10.
Muffler. H. A. R. Klemm. 2,382,159; Aug. 14.
Muffler. C. B. Taylor. 2,387,476; Oct. 23.
Muffler for intercommunicating system units. W. S. Darby. 2,373,172; Apr. 10.
Muffler jack. J. J. Mizer. 2,376,375; May 22.
Muffler, Vacuum exhaust. C. R. Hull. 2,378,083; June 12.
Muffler, Vacuum type exhaust, A. D. Flinckinger. 2,386,305; Oct. 9.
Mufflers and the like, Making. C. M. Buck. 2,367,753; Jan. 23.
Multidogging device, Universal. W. J. Nightingale. 2,367,045; Jan. 9.
Multiengine drive. P. Orr. 2,366,646; Jan. 2.
Multifocal ophthalmic lens blanks, Making. J. H. Hammon. 2,388,687; Nov. 13.
Multioffice telegraph system. F. L. Currie and C. F. Stearns. 2,390,517; Dec. 11.
Multiple bit toolholder. K. P. Schoeppner. 2,382,106; Aug. 14.
Multiple bolt rim night latch. H. G. Voight. 2,379,050; June 26.
Multiple-channel inductive heating apparatus. S. S. Schneider and L. W. Gregory. 2,385,031; Sept. 18.
Multiple contact lamp hanger. T. B. and R. K. Farrington, and H. L. Dalzell. 2,377,872; June 12.
Multiple control valve. W. Tydon. 2,366,883; Jan. 9.
Multiple cutter turner. A. C. Bruns. 2,369,014; Feb. 6.
Multiple discharge pump. J. M. Roth. 2,368,883; Feb. 6.
Multiple disk brake. H. T. Lambert. 2,375,855; May 15.
Multiple disk brake. D. Parrett. 2,387,039; Oct. 16.
Multiple dispenser. C. L. Ludwig. 2,386,128; Oct. 2.
Multiple engagement latch. J. R. Burbridge. 2,384,276; Sept. 4.
Multiple filament lamp. G. C. Singer. 2,368,685; Feb. 6.
Multiple-flavor vending machine. H. T. Larimore. 2,389,442; Nov. 20.
Multiple fuel burner. R. C. Vroom and D. P. Graham. 2,366,463; Jan. 2.
Multiple lever tool. J. W. Geddes and T. Porter. 2,382,307; Aug. 14.
Multiple magneto drive. A. H. King. 2,390.886; Dec. 11.
Multiple metering pump. L. Beeh. 2,388,462; Nov. 6.
Multiple opposed piston engine. W. G. Meyers. 2,388,756; Nov. 13.
Multiple pump. L. Beeh. 2,391,221; Dec. 18.
Multiple recorder. G. Keinath. 2,387,760; Oct. 30.
Multiple reflector for lighting units. E. B. Hallman, C. C. Weaver, and C. A. McGough, Jr. 2,369,894; Feb. 20.
Multiple ring balance. O. B. Vetter. 2,370,095; Feb. 20.
Multiple roll mill. S. Larsson. 2,368,030; Jan. 23.
Multiple sheet metal stamping press. K. T. Norris. 2,377,097; May 29.
Multiple splint unit. A. F. Shryer. 2,367,895; Jan. 23.
Multiple spraying device. A. H. Downs. 2,380,827; July 31.
Multiple stage means for changing pitch of aircraft blades. H. M. McCoy. 2,370,675; Mar. 6.
Multiple thread milling cutter. F. Walters. 2,370,894; Mar. 6.
Multiple unit floating dry dock. F. R. Harris. 2,379,904; July 10.
Multiple work support. G. S. Boyd. 2,388,521; Nov. 6.
Multiple zone production apparatus. D. F. Saurenman. 8,368,428; Jan .30.
Multiply devices, Manufacture of. R. J. Peña. 2,382,169; Aug. 14.
Multiplying and dividing machine, Combined. J. W. Bryce. 2,375,277; May 8.
Multiplying machine. E. C. McClure. 2,379,169; June 26.
Multiplying machine. T. O. Mehan and H. E. Hooe. 2,379,449; July 3.
Multiplying machine. S. A. Neidich. 2,374,374; Apr. 24.
Multipolymers containing a conjugated diene hydrocarbon, Rubberlike. W. L. Semon. 2,384,570; Sept. 11.
Multipolymers prepared from mixtures including a conjugated diene hydrocarbon, Rubberlike. W. L. Semon. 2,384,571; Sept. 11.
Multiport rotary valve. A. Kromhout. 2,388,268; Nov. 6.
Multiservice ballast car. A. Campbell. 2,373,538; Apr. 10.
Multistage centrifugal pump. E. A. Wilhelm. 2,391,811; Dec. 25.
Multitrussed unit. E. P. Burke. 2,384,157; Sept. 4.
Multiwoven fabrics, Treating. E. J. Gibbons. 2,371,164; Mar. 13.
Munitions. J. C. Whitesell, Jr. 2,382,277; Aug. 14.
Music character printing. D. L. Morrison. 2,382,804; Aug. 14.
Music turner, Sheet. A. Maletta. 2,391,175; Dec. 18.
Musical game board. M. Gudkov. 2,381,347; Aug. 7.
Musical instrument. Y. K. Kealoha. 2,368,842; Feb. 6.

Musical signal device. A. C. Grohsgal. 2,391,698; Dec. 25.
Musklike preparations, Producing. C. V. Sparhawk. 2,368,578; Jan. 30.
Mute for stringed musical instruments. R. B. Kingman. 2,386,899; Oct. 16.
Mute for stringed musical instruments. R. B. Kingman. 2,388,550; Nov. 6.
Mute, Stringed instrument. R. B. Kingman. 2,388,551; Nov. 6.
Mutual coupling. R. F. Shea. 2,388,295; Nov. 6.
Myosmine, Preparation of. C. F. Woodward, A. Eisner, and P. G. Haines. 2,381,328; Aug. 7.
N-Aryltetrahydroquinolines. J. B. Dickey and J. B. Normington. 2,387,751; Oct. 30.
N-hydrocarbon-substituted alkanolamine salts of halophenols. G. H. Coleman. 2,382,976; Aug. 21.
N-hydrocarbon substituted alkanolamine salts of dinitrophenols. G. H. Coleman and F. B. Smith. 2,385,795; Oct. 2.
N,n'-di(amino) diamides of dicarboxylic acids as printing assistants. R. H. Kienle, C. A. Amick, and A. L. Peiker. 2,371,104; Mar. 6.
N-phosphono-phosphatoalkyl cyclic amines. J. G. McNally and J. B. Dickey. 2,381,071; Aug. 7.
N-sec-butyl-p-nitroaniline. H. Von Bramer and L. G. Davy. 2,388,886; Nov. 13.
N-substituted derivatives of 4,4'-diaminodiphenyl ether. H. Z. Lecher, R. P. Parker, and J. J. Denton. 2,385,088; Sept. 18.
N-sulphonylureas, Making. E. Haack. 2,385,571; Sept. 25.
Nail. A. W. Pfeffer. 2,376,936; May 29.
Nail and applying the same. L. W. Holmes. 2,373,311; Apr. 10.
Nail cleaning apparatus. W. Thompson. 2,390,011; Nov. 27.
Nail driving and countersinking apparatus, Hand. C. C. Peterson. 2,379,826; July 3.
Nail machine, Duplex head. R. A. Little and J. A. Rice. 2,381,171; Aug. 7.
Nail, Nonsplitting. E. J. Gair. 2,366,962; Jan. 9.
Nail polish drier. P. G. Simmons. 2,389,822; Nov. 27.
Nameplates and the like, Producing. R. J. Gregory. 2,367,939; Jan. 23.
Naphtha preparation, Solvent. T. W. Nelson, H. D. Noll, and T. P. Simpson. 2,376,501; May 22.
Naphthalic acids, Preparation of. J. Ogilvie and R. S. Wilder. 2,379,032; June 26.
Naphthas, Catalystic treatment of. J. C. Munday and E. E. Stahly. 2,367,365; Jan. 16.
Naphthenic acids, Purification of. W. E. McCorquodale, Jr. 2,391,729; Dec. 25.
Navigation device for aircraft, Dead reckoning. H. R. Hughes and S. A. Bell. 2,386,555; Oct. 9.
Navigation instrument. L. Burgess. 2,380,937; Aug. 7.
Navigation instrument. A. A. Jorgenson. 2,367,128; Jan. 9.
Navigation instrument. J. P. Putnam. 2,376,006; May 15
Navigation instrument. F. A. Reece. 2,367,431; Jan. 16.
Navigation instrument. C. Sadowsky. 2,377,905; June 12.
Navigation instrumentality. A. R. and R. C. Morley. 2,376,445; May 22.
Navigation plotting instrument. W. P. Odom. 2,372,288; Mar. 27.
Navigation trainer. M. Brann. 2,387,875; Oct. 30.
Navigational aid. G. S. Stanton. 2,390,622; Dec. 11.
Navigational apparatus. E. O. Schweitzer, Jr. 2,384,348; Sept. 4.
Navigational instrument. H. W. Slauson. 2,371,714; Mar. 20.
Navigational method and apparatus. J. Neufeld. 2,390,383; Dec. 4.
Navigational training aid. J. V. Horr. 2,373,959; Apr. 17.
Necktie. G. F. Pinsuti. 2,385,726; Sept. 25.
Necktie. A. F. Taborski. 2,391,655; Dec. 25.
Necktie and lining therefor. M. Kleinmann. 2,370,670; Mar. 6.
Necktie holder. W. H. Quin. 2,384,694; Sept. 11.
Necktie shaper and former. R. Dennett. 2,375,405; May 8.
Necktie support. A. London. 2,382,430; Aug. 14.
Neckties, Manufacturing. J. Weisbaum. 2,378,671; June 19.
Neckwear. H. Davis. 2,369,442; Feb. 13.
Neckwear, Man's. H. Pfau. 2,388,993; Nov. 13.
Necking-in machine, Can body. J. F. Peters. 2,380,462; July 31.
Needle and making same, Felting. E. P. Foster. 2,391,560; Dec. 25.
Needle control and an electrically operated stop motion for warping or beaming plants, Drop. F. Lambach and W. Siegel. 2,389,625; Nov. 27.
Needle grinder, Hypodermic. E. G. Mascarenhas. 2,389,069; Nov. 13.
Needle, Hand knitting. H. Fosse, J. Palou, and L. Lacombe. 2,378,544; June 19.
Needle, Knitting. R. C. Amidon. 2,371,598; Mar. 20.
Needle roller construction. S. R. Thomas. 2,368,175; Jan. 30.
Needle stitching mechanism, Multiple. V. J. Sigoda. 2,369,183; Feb. 13.
Needle, Surgical. P. P. Goland and C. R. Drew. 2,389,355; Nov. 20.
Needle threader. J. C. Lounsbury. 2,382,079; Aug. 14.
Needle valve. W. J. Jacobsson and C. C. Anthes. 2,370,245; Feb. 27.
Needles, Cooling sewing machine. A. Albero. 2,373,734; Apr. 17.
Negative, Photomechanical. B. Rudnick. 2,383,566; Aug. 28.
Negative resistance apparatus, Keyed multifrequency. A. C. Schroeder. 2,389,004; Nov. 13.
Negatives for line reproduction, Making. B. Rudnick. 2,383,567; Aug. 28.
Neoprene dispersions by means of magnesium salts, Coagulating. A. S. Carter and T. G. Webber. 2,385,688; Sept. 25.
Neoprene, Plasticizing. L. H. Howland. 2,382,792; Aug. 14.
Nerve testing machine. G. P. Mahoney. 2,373,487; Apr. 10.
Nested furniture leg support. C. A. Nichthauser. 2,366,867; Jan. 9.
Net, Crab. H. C. Kramer. 2,382,319; Aug. 14.
Net, Folding fish. T. A. Finn. 2,384,162; Sept. 4.
Net, Hair. L. D. Després. 2,388,957; Nov. 13.
Network, Adjustable. F. E. Fischer. 2,381,733; Aug. 7.
Network, Audio transmission. R. L. Hollingsworth. 2,379,714; July 3.
Network, Radio frequency coupling. G. W. Klingaman. 2,390,839; Dec. 11.
New compound. J. G. Lichty. 2,371,766; Mar. 20.
Newspaper vending machine. D. D. Cameron. 2,366,592; Jan. 2.
Nibbler. L. W. Russell. 2,385,587; Sept. 25.
Nibbler attachment for power machines. B. F. Schmidt. 2,387,411; Oct. 23.
Nibbling tool. F. P. Forss. 2,376,590; May 22.
Nickel, Anodically polishing. C. L. Faust. 2,366,713; Jan. 9.
Nickel, Electrolytic deposition of. P. L. Amundsen. 2,371,123; Mar. 13.
Nickel with organic sulphones, Reacting. R. Mozingo. 2,371,642; Mar. 20.
Nipper feed mechanism. F. L. Crockett. 2,378,465; June 19.
Nipper system, Comber. F. L. Crockett. 2,384,603; Sept. 11.
Nipple for nursing bottles, Corrective. R. E. Ramaker. 2,366,214; Jan. 2.
Nipple, Noncollapsible. E. L. Younkins. 2,390,861; Dec. 11.
Nipple, Nursing. H. Heilborn. 2,388,915; Nov. 13.
Nipple piercing needle for nurseries. R. Stone and A. R. Levine. 2,382,032; Aug. 14.
Nitrates of cellulose or nitrates of other alcohols like starch, Continuous production and stabilization of. E. Berl. 2,384,415; Sept. 4.
Nitration of aromatic compounds. J. R. Mares. 2,370,558; Feb. 27.
Nitration process. M. F. Acken and J. C. Vyverberg, Jr. 2,370,437; Feb. 27.
Nitration process. J. B. Castner. 2,385,128; Sept. 18.
Nitration products of monoazo dyestuffs. F. Felix and W. Zurcher. 2,387,988; Oct. 30.
Nitric oxide, Preparation of. M. H. Wahl. 2,382,189; Aug. 14.
Nitriding hardening treatment. W. C. Troy. 2,367,978; Jan. 23.
Nitriles, Alkoxy. J. G. Lichty. 2,384,106; Sept. 4.
Nitriles, Dehydration of. J. W. Teter and W. J. Merwin. 2,388,507; Nov. 6.
Nitriles, Dehydrogenation of aliphatic. Le R. W. Spence and F. O. Haas. 2,385,552; Sept. 25.
Nitriles, Isomerization of unsaturated. J. E. Mahan. 2,384,630; Sept. 11.
Nitriles, Manufacture of. K. E. Marple, T. W. Evans, and B. Borders. 2,375,016; May 1.
Nitriles, Preparation of. D. J. Loder and W. M. Bruner. 2,369,061; Feb. 6.
Nitriles, Preparation of unsaturated. F. E. Kung. 2,373,190; Apr. 10.
Nitriles, Production of unsaturated. Le R. W. Spence. 2,385,550; Sept. 25.
Nitriles, Purification of. J. W. Teter. 2,388,506; Nov. 6.
Nitriles, Stabilization of unsaturated. K. E. Marple and B. Borders. 2,375,015; May 1.
Nitroalkanes, Beta-carbamylethyl. H. A. Bruson. 2,370,142; Feb. 27.
Nitro amines and preparing same. M. Senkus. 2,381,408; Aug. 7.
Nitro B_z-1: B_z-1'-dibenzanthronyls, Preparing. C. E. Carr. 2,374,328; Apr. 24.
Nitrocellulose dope, Treatment of. L. C. Amberson. 2,369,200; Feb. 13.
Nitrocellulose, Production of. R. L. Stern. 2,366,880; Jan. 9.
Nitrocellulose, Stabilizing of. D. R. Swan and J. M. Calhoun. 2,378,594; June 19.
Nitrocellulose, Treatment of. R. W. Cairns and R. L. Stern. 2,382,130; Aug. 14.

Nitro compounds to amines by means of aliphatic hydrocarbons, Reduction of. J. B. Castner and W. E. Lawson. 2,377,071; May 29.
Nitro-dichloro-xylene compositions. B. S. Biggs, A. H. White, and W. A. Yager. 2,374,973; May 1.
Nitroethylene, Production of. A. E. W. Smith, R. H. Stanley, and C. W. Scaife. 2,385,111; Sept. 18.
Nitrogen compounds, Manufacture of organic. A. E. W. Smith. 2,384,047; Sept. 4.
Nitrogen compounds, Manufacture of organic. A. E. W. Smith and C. W. Scaife. 2,384,048; Sept. 4.
Nitrogen-containing resins exchanging anions in fluid media. P. I. Bowman and H. Burrell. 2,388,235; Nov. 6.
Nitrogen derivatives of benzyl sulphonic acids. G. Dougherty and R. H. Barth. 2,373,299; Apr. 10.
Nitrogenous condensation products of alkylene imines. H. Ulrich. 2,382,185; Aug. 14.
Nitrogenous organic compounds, and making same. A. W. Burwell. 2,373,938; Apr. 17.
Nitrogenous organic compounds and making same. A. W. Burwell and J. A. Camelford. 2,378,880; June 19.
Nitrogenous organic compounds and their application. N. W. Cusa, C. E. Salkeld, and E. E. Walker. 2,369,776; Feb. 20.
Nitrogenous products from organic wastes, Recovery of. A. R. Nees and A. N. Bennett. 2,375,165; May 1.
Nitroguanidine, Neutralizing crude. K. D. Ashley. 2,384,446; Sept. 11.
Nitrohydroxy compounds, Esters of. H. B. Hass and B. M. Vanderbilt. 2,374,484; Apr. 24.
Nitroparaffins, Production of. N. Levy. 2,382,241; Aug. 14.
Nitroso beta naphthol composition. V. L. King and H. P. Orem. 2,391,837; Dec. 25.
Nitrosyl chloride, Manufacture and use of. J. J. Grebe, W. C. Bauman and H. A. Robinson. 2,366,518; Jan. 2.
Nitrotoluene, Top separation of. M. H. Carl. 2,383,707; Aug. 28.
Nitrourea product. L. A. Burrows, W. C. Holmes, and C. P. Spaeth. 2,376,474; May 22.
Noisemaking device. T. Gile. 2,379,143; June 26.
Noise suppressor, Background. G. F. Devine. 2,369,952; Feb. 20.
Noiseless vacuum cleaner. L. B. Williams. 2,378,347; June 12.
Nonbacklash device for fishing reels. R. B. Muffett. 2,384,561; Sept. 11.
Nonferrous materials, Smelting of. L. S. Deitz, Jr., and W. H. Jacobson. 2,369,029; Feb. 6.
Nonferrous materials, Treating of. L. S. Deitz, Jr. 2,369,028; Feb. 6.
Non-luminous cigarette holder. W. L. Jackson. 2,372,277; Mar. 27.
Nonmicrophonic tube. P. L. Spencer. 2,366,220; Jan. 2.
Nonoverfill device. L. L. Drown. 2,375,406; May 8.
Nonraveling edge, reinforcing rib of joint structure for knitted metallic mesh fabrics and producing same. O. H. York. 2,390,200; Dec. 4.
Nonrefillable container. L. F. Mariño. 2,366,864; Jan. 9.
Nonscalloping bimetallic sheet metal, Making substantially. W. L. Keene and W. A. Carlson. 2,388,694; Nov. 13.
Nonskid chain. D. S. Kennedy. 2,374,355; Apr. 24.
Nonskidding device. T. Malmqvist. 2,383,267; Aug. 21.
Nonthrusting pipe expansion joint. L. J. Weber. 2,373,280; Apr. 10.
Norendomethylene hexahydrofluorenyl alcohol. H. A. Bruson. 2,385,789; Oct. 2.
Normalizing mechanism for calculating machines, Automatic. H. M. Dustin and H. T. Avery. 2,377,767; June 5.
Norpolycyclopentadiene monohydrohalides. H. A. Bruson. 2,382,037; Aug. 14.
Nose board for Axminster rugs. S. N. McCaslin and A. Lamb. 2,384,322; Sept. 4.
Notching machine. C. E. Fraser. 2,377,139; May 29.
Note-book leaf elevating and turning device. J. C. White. 2,370,338; Feb. 27.
Note producing system in saxophones, High. V. Incagnoli. 2,382,880; Aug. 14.
Novelty and initial cutting machine. F. Braunberger. 2,369,941; Feb. 20.
Novelty device. J. Dowling. 2,378,755; June 19.
Nozzle. T. W. Burnam. 2,383,433; Aug. 21.
Nozzle. J. A. Heany. 2,379,432; July 3.
Nozzle. F. E. James. 2,366,264; Jan. 2.
Nozzle. W. B. Johnson. 2,370,668; Mar. 6.
Nozzle. M. J. Smith. 2,373,353; Apr. 10.
Nozzle. L. G. M. Timpson. 2,388,508; Nov. 6.
Nozzle, Adjustable. W. J. Caldwell. 2,373,741; Apr. 17.
Nozzle, Atomizing. W. L. Wilmes, J. W. Baur, and E. Gustafsson. 2,378,348; June 12.
Nozzle, Blowpipe. R. S. Babcock. 2,376,413; May 22.
Nozzle, Blowpipe. R. S. Babcock. 2,380,570; July 31.
Nozzle, Car unloader. P. R. Hornbrook. 2,378,553; June 19.
Nozzle, Combination valve. W. H. Leinweber. 2,388,334; Nov. 6.
Nozzle, Exhaust. P. J. Campbell. 2,372,058; Mar. 20.
Nozzle fitting, Right-left. C. Hollerith. 2,389,977; Nov. 27.
Nozzle, Fluid discharge. B. E. Folke. 2,373,555; Apr. 10.
Nozzle, Fluid discharge. T. G. McDougal. 2,371,533; Mar. 13.
Nozzle for fuel injection systems. E. M. Purdy and W. T. Tabb. 2,375,492; May 8.
Nozzle for pressure-operated containers. H. Bühler and E. Müller. 2,378,061; June 12.
Nozzle for vacuum cleaners, Suction. R. L. Hallock. 2,377,778; June 5.
Nozzle for vaporizing burners, Regulating. C. B. Holm. 2,380,759; July 31.
Nozzle for watering cans. J. Zvolanek. 2,372,466; Mar. 27.
Nozzle, Four-way. J. C. Schellin, E. J. Housekeeper, and W. H. Brubaker. 2,389,642; Nov. 27.
Nozzle, Fuel. L. G. Parker. 2,369,174; Feb. 13.
Nozzle, Fuel injection. W. T. Tabb and E. M. Purdy. 2,376,292; May 15.
Nozzle, Fuel injector. L. O. French. 2,370,155; Feb. 27.
Nozzle, Gas turbine. A. Howard. 2,378,771; June 19.
Nozzle, High-pressure mixing. L. L. Tirrell. 2,369,326; Feb. 13.
Nozzle, Jet. R. W. Wilson. 2,382,688; Aug. 14.
Nozzle, Locomotive exhaust. J. W. Hulson. 2,389,980; Nov. 27.
Nozzle, Rotor operated washing. W. D. Yerrick and J. C. Vickland. 2,379,506; July 3.
Nozzle, Sandblasting. T. Sorrentino. 2,376,287; May 15.
Nozzle, Signaling. F. P. Scully. 2,391,040; Dec. 18.
Nozzle, Spray. J. G. De Flon. 2,375,528; May 8.
Nozzle, Spray. H. S. Garabedian. 2,380,513; July 31.
Nozzle, Spray. H. H. Hobbs and W. A. Zaloudek. 2,389,053; Nov. 13.
Nozzle, Spray. S. D. Lapham. 2,370,975; Mar. 6.
Nozzle, Spray. D. J. Peeps. 2,373,595; Apr. 10.
Nozzles, Making blowpipe. P. R. Aronson. 2,383,949; Sept. 4.
Nozzles, Making fluid discharge. T. G. McDougal. 2,371,532; Mar. 13.
Nozzles, Making spinning. B. Wempe. 2,376,742; May 22.
Nozzles, Protection of chilling. F. E. Jameson. 2,367,029; Jan. 9.
Nuclear methylation of aromatic amines. A. Burawoy. 2,367,713; Jan. 23.
Nursing bottle holder. J. W. Boate. 2,381,201; Aug. 7.
Nursing bottle holder. M. E. Elzeer. 2,386,042; Oct. 2.
Nursing bottle holder. F. Nickelson. 2,391,264; Dec. 18.
Nursing bottle holder. F. Plain. 2,366,931; Jan. 9.
Nursing unit. H. H. Ganson. 2,387,573; Oct. 23.
Nut. J. P. Burke. 2,367,659; Jan. 23.
Nut. H. G. Dawson. 2,386,197; Oct. 9.
Nut. M. Schmidt and K. Gmöhling. 2,371,927; Mar. 20.
Nut. P. Schüttler. 2,382,748; Aug. 14.
Nut. C. A. Swanstrom. 2,385,851; Oct. 2.
Nut, Anchor. R. C. Huntoon. 2,385,991; Oct. 2.
Nut, Anchor. R. W. Luce. 2,389,989; Nov. 27.
Nut and blank therefor, Lock. L. J. Wesley. 2,378,609–10; June 19.
Nut and bolt cap. A. H. Boelter. 2,383,703; Aug. 28.
Nut and manufacture thereof, Flanged. R. M. Ellis and D. C. Hungerford. 2,372,772; Apr. 3.
Nut and nut installation. H. J. Murphy. 2,382,942; Aug. 14.
Nut and nut plate, Lock. C. C. Misfeldt. 2,381,176; Aug. 7.
Nut and wrench combination, Theft resisting. L. J. Golan. 2,372,269; Mar. 27.
Nut assembler, Lock. L. F. Glaude. 2,389,902; Nov. 27.
Nut construction, Divided. M. J. Shaffrey. 2,377,581; June 5.
Nutcracker. J. Jackson. 2,378,084; June 12.
Nutcracker. C. E. Potter. 2,377,369; June 5.
Nutcracker. H. D. Via. 2,379,121; June 26.
Nutcracker. G. F. Voight. 2,385,556; Sept. 25.
Nut cracking device. K. M. Jones. 2,381,288; Aug. 7.
Nut device, Tension. W. H. Churchill. 2,389,122; Nov. 20.
Nut, Expansion. B. Gay and R. K. Skinner. 2,377,077; May 29.
Nut, Fastening. J. C. Lang. 2,389,261; Nov. 20.
Nut, Flanged. O. Haas. 2,387,257; Oct. 23.
Nut, Floating. V. L. Darby. 2,384,729; Sept. 11.
Nut for ear ornaments. G. A. Armstrong. 2,373,002; Apr. 3.
Nut for flanged tubing conduits, Coupling. I. Cowles. 2,389,233; Nov. 20.
Nut for quick attachment. R. E. Beswick. 2,367,480; Jan. 16.
Nut grinding machine. J. C. V. Richardson. 2,389,816; Nov. 27.
Nut holder. P. Veney. 2,387,545; Oct. 23.
Nut, Internal lock. F. Le B. Lord. 2,388,272; Nov. 6.
Nutlock. E. C. Anderton. 2,383,231; Aug. 21.
Nut, Lock. C. F. Carlstrom. 2,378,684; June 19.
Nut, Lock. E. F. Chandler. 2,381,110; Aug. 7.
Nut, Lock. H. F. Clayson. 2,381,206; Aug. 7.
Nut, Lock. J. A. Davis. 2,372,884; Apr. 3.
Nut, Lock. J. F. Ebert. 2,377,678; June 5.
Nut, lock. O. Egert. 2,379,794; July 3.
Nut, Lock. R. E. Eggert. 2,389,892; July 10.
Nut lock. H. J. Gallagher. 2,384,908; Sept. 18.
Nut, Lock. E. R. Henningsen. 2,373,473; Apr. 10.
Nut, Lock. R. C. Manning. 2,389,377; Nov. 20.
Nut, Lock. E. A. Miller. 2,377,168; May 29.

Nut, Lock. R. L. Park. 2,389,634; Nov. 27.
Nut, Lock. W. C. Peters. 2,385,159; Sept. 18.
Nut, Lock. G. E. R. Selah. 2,377,186; May 29.
Nut, Lock. L. Tarwater and W. R. McKenzie. 2,391,279; Dec. 18.
Nut, Lock. C. D. Tripp. 2,385,390; Sept. 25.
Nut, Lock. R. F. Warren, Jr. 2,390,759; Dec. 11.
Nut, Lock. F. V. Whyland. 2,387,375; Oct. 23.
Nut, Mechanical. C. D. Ryder. 2,383,164; Aug. 21.
Nut, Nonloosening safety. G. V. Glumer. 2,376,768; May 22.
Nut, One-piece self-locking. W. M. Perry. 2,390,662; Dec. 11.
Nut or bolt, Self-locking. E. W. Pummill. 2,380,994; Aug. 7.
Nut or the like and blank therefor. V. V. Mason. 2,385,927; Oct. 2.
Nut, Self-locking. E. F. Chandler. 2,381,111; Aug. 7.
Nut, Self-locking. H. J. Colman. 2,367,929; Jan. 23.
Nut, Self-locking. C. B. Gwyn. 2,383,545; Aug. 28.
Nut, Self-locking. J. R. Hotchkin. 2,381,352; Aug. 7.
Nut, Self-locking. C. H. Ineson. 2,391,421; Dec. 25.
Nut, Self-locking. R. J. Miller. 2,384,953; Sept. 18.
Nut, Self-locking. F. R. Reutter. 2,391,643; Dec. 25.
Nut, Self-locking. E. R. Robertson. 2,375,325; May 8.
Nut, Self-locking. O. E. Simmonds. 2,374,241; Apr. 24.
Nut, Self locking coupling. K. A. Swanstrom. 2,385,953; Oct. 2.
Nut, Sheet metal. H. B. Muster. 2,391,031; Dec. 18.
Nut sheller. R. D. York. 2,376,469; May 22.
Nut, Spring. G. W. Plumb. 2,383,211; Aug. 21.
Nut, Stamped lock. H. J. Le Vesconte. 2,385,821; Oct. 2.
Nut, Stop. E. M. Giles. 2,386,307; Oct. 9.
Nut structure. J. E. Duggan. 2,372,888; Apr. 3.
Nut structure, Self-locking. J. E. Duggan. 2,372,889; Apr. 3.
Nut-supporting device. J. F. Ebert. 2,385,777; Oct. 2.
Nut, Union tube connection locking. W. J. Johnson. 2,390,103; Dec. 4.
Nut unit, Flanged lock. F. Le B. Lord. 2,388,271; Nov. 6.
Nut unit, Lock. F. Le B. Lord. 2,388,270; Nov. 6.
Nut, Wing. A. E. Maage, Jr. 2,383,141; Aug. 21.
Nuts from punched blanks, Making grip. E. J. Cole. 2,388,467; Nov. 6.
Nuts, Making self-locking. R. D. King and N. F. Wood. 2,391,712; Dec. 25.
Nutritional and therapeutic concentrates, Preparation of. M. J. Stacom. 2,374,047; Apr. 17.
Nutritional preparations and process. A. D. Welch and L. D. Wright. 2,391,850; Dec. 25.
Nylon, Dyeing. D. E. Kvalnes and B. G. Carson. 2,374,106; Apr. 17.
Nylon for modifying its dyeing affinity, Treatment of. J. H. MacGregor. 2,371,536; Mar. 13.
Nylon, Printing. C. F. Miller. 2,368,940; Feb. 6.
Oarlock. E. J. Slizewski. 2,377,724; June 5.
Object controlling means. M. F. Bates. 2,368,628; Feb. 6.
Object-locating system, Automatically operated. A. Korn, J. W. Hess, and S. L. Ruskin. 2,391,633; Dec. 25.
Objects, Joining. C. O. Davis. 2,367,206; Jan. 16.
Objective for reflex sight. W. Schade. 2,384,643; Sept. 11.
Objective, Rapid. G. H. Aklin. 2,391,114; Dec. 18.
Oblique junction-plane rail joint. M. Cipolla. 2,375,523; May 8.
Observation device. E. F. Flint. 2,384,540; Sept. 11.
Observation instrument, Binocular. J. W. French. 2,387,838; Oct. 30.
Obstruction warning device. E. E. Frazier. 2,382,557; Aug. 14.
Octafluorocyclobutane and pyrolytic process for its production. F. B. Downing, A. F. Benning, and R. C. McHarness. 2,384,821; Sept. 18.
Ocular tube. W. Bausch. 2,381,101; Aug. 7.
Odors, Inhibiting. D. Topjian. 2,387,957; Oct. 30.
Office cabinet. A. Allen. 2,373,217; Apr. 10.
Offset gun sight. H. O. Eiane. 2,367,762; Jan. 23.
Offsetting mechanism. A. B. Cadman. 2,381,105; Aug. 7.
Ohmic resistances, High. A. G. Clarke. 2,371,379; Mar. 13.
Oil and for producing soap, Refining. B. Clayton. 2,390,990; Dec. 18.
Oil and gas separator. W. P. Munk. 2,386,564; Oct. 9.
Oil and making same, Selectively hydrogenated tall. J. A. V. Turck, Jr., and J. Ross. 2,389,284; Nov. 20.
Oil and plastic compositions containing the same, Oxidized soybean. E. Miller. 2,374,692; May 1.
Oil and preparing the same, Compounded. P. M. Ruedrich. 2,367,435; Jan. 16.
Oil and producing same, Soluble. C. A. Cohen. 2,388,677; Nov. 13.
Oil, Artificial drying. W. H. Lycan and J. L. Eyre. 2,373,250; Apr. 10.
Oil, Aviation lubricating. J. R. Griffin, Jr., and P. R. Van Ess. 2,375,222; May 8.
Oil beneficiation, Mineral. E. C. Hughes and W. E. Scovill. 2,381,907; Aug. 14.
Oil burner. N. A. Arvins and A. A. Arvintz. 2,375,884; May 15.
Oil burner. C. E. Beyer. 2,382,463; Aug. 14.
Oil burner. J. Bilan. 2,374,799; May 1.
Oil burner. D. C. Breault. 2,381,803; Aug. 7.
Oil burner. B. F. Castle. 2,389,892; Nov. 27.
Oil burner. B. F. Castle and W. W. Wodell. 2,375,347; May 8.
Oil burner. J. C. Cleaver and J. V. Resek. 2,390,056; Dec. 4.
Oil burner. J. S. Daniels. 2,388,254; Nov. 6.
Oil burner. H. B. Hager. 2,391,567; Dec. 25.
Oil burner. C. Happe. 2,368,356; Jan. 30.
Oil burner. J. R. Hawley. 2,375,649; May 8.
Oil burner. C. A. Miller. 2,391,585; Dec. 25.
Oil burner. F. M. Owen. 2,369,367; Feb. 13.
Oil-burner construction. G. I. Carter. 2,390,509; Dec. 11.
Oil burner fuel control. W. O. Behrens. 2,378,379; June 19.
Oil burner ignition means. F. H. Schneider. 2,373,266; Apr. 10.
Oil burning system. T. Nagel. 2,390,806; Dec. 11.
Oil, Coal spray. W. Gray. 2,383,543; Aug. 28.
Oil, Coking hydrocarbon. H. Wilson. 2,380,713; July 31.
Oil component separation, Tall. A. L. Osterhof. 2,372,446; Mar. 27.
Oil components separation, Tall. E. Ott. 2,379,986; July 10.
Oil composition and improving agent therefor, Mineral. D. E. Badertscher, R. H. Williams, and H. G. Berger. 2,373,286; Apr. 10.
Oil composition, Lubricating. M. T. Flaxman. 2,385,697; Sept. 25.
Oil composition, Lubricating. A. H. Gleason. 2,380,304; July 10.
Oil composition, Lubricating. A. H. Gleason. 2,380,305; July 10.
Oil composition, Lubricating. F. L. Johnston. 2,372,955; Apr. 3.
Oil composition, Lubricating. J. G. McNab, C. J. Wilson, and C. Winning. 2,391,099; Dec. 18.
Oil composition, Lubricating. P. R. Van Ess and E. R. White. 2,380,205; July 10.
Oil composition, Mineral. H. G. Berger, T. T. Noland, and E. W. Fuller. 2,373,094; Apr. 10.
Oil composition, Mineral. R. F. McCleary. 2,369,908; Feb. 20.
Oil composition, Mineral. R. C. Moran, R. E. Meyer, R. P. Otto, and E. A. Oberright. 2,383,494; Aug. 28.
Oil composition, Mineral. F. P. Otto and R. E. Meyer. 2,383,497; Aug. 28.
Oil composition, Mineral. F. P. Otto, R. E. Meyer, and R. C. Moran. 2,383,498; Aug. 28.
Oil composition, Mineral. H. E. Redman and E. W. Fuller. 2,383,510; Aug. 28.
Oil composition, Mineral. O. M. Reiff. 2,366,873; Jan. 9.
Oil composition, Mineral. H. G. Smith and T. L. Cantrell. 2,371,853–4; Mar. 20.
Oil compositions and making the same, Lubricating. H. G. Smith and T. L. Cantrell. 2,371,851; Mar. 20.
Oil compositions, Lubricating. P. R. Van Ess and E. R. White. 2,377,909; June 12.
Oil compositions, Slushing. G. W. Duncan. 2,382,699; Aug. 14.
Oil, Compounded. G. L. Neely and F. W. Kavanagh. 2,367,470; Jan. 16.
Oil, Compounded hydrocarbon. F. W. Kavanagh, B. B. Farrington, and J. O. Clayton. 2,390,943; Dec. 11.
Oil, Compounded lubricating. L. T. Eby. 2,382,700; Aug. 14.
Oil, Compounded lubricating. P. R. Van Ess and R. F. Bergstrom. 2,372,411; Mar. 27.
Oil, Compounded mineral. R. G. Larsen and E. W. Zublin. 2,372,588; Mar. 27.
Oil constituents, Making lubricating. F. E. Frey. 2,378,763; June 19.
Oil container. La V. E. Cheyney and H. J. Osterhof. 2,385,532; Sept. 25.
Oil control device. R. W. Johnson and J. Miller. 2,369,739; Feb. 20.
Oil, Conversion of hydrocarbon. E. C. Lee. 2,382,239; Aug. 14.
Oil cooler having viscosity controlled shutter valve. S. K. Andersen. 2,366,586. Jan. 2.
Oil cooler, Internal combustion engine. J. C. Shaw. 2,376,198; May 15.
Oil cooler tube. A. B. Arnold. 2,373,218; Apr. 10.
Oil cooling device. G. H. Gill. 2,384,248; Sept. 4.
Oil, Core. J. N. Borglin. 2,387,827; Oct. 30.
Oil, Cracking crude hydrocarbon. P. E. Kuhl. 2,384,315; Sept. 4.
Oil cracking process, Mineral. J. H. James. 2,370,541; Feb. 27.
Oil-cracking retorts, Operating. R. M. Chatterton, and W. C. Slade. 2,377,993; June 12.
Oil cup. W. E. Cutler. 2,377,543; June 5.
Oil, Cutting. L. R. Raymond. 2,388,439; Nov. 6.
Oil, Diesel engine lubricating. V. N. Jenkins. 2,366,191; Jan. 2.
Oil dilution system. N. D. Owen. 2,373,142; Apr. 10.
Oil emulsion separating. R. E. Welch. 2,366,302; Jan. 2.
Oil filter. M. Katcher. 2,390,539; Dec. 11.
Oil filter. R. Y. Kopf. 2,391,318; Dec. 18.
Oil for the purpose of removing metal ions, Refining hydrocarbon. H. G. Schutze. 2,375,694; May 8.
Oil, Fractionation of tall. A. W. Hixson and R. Miller. 2,388,412; Nov. 6.
Oil from avocados, Extracting. H. T. Love. 2,383,398; Aug. 21.

Oil from contact clay, Recovery of. J. L. Walker. 2,378,813; June 19.
Oil from oil-bearing materials, Producing. C. W. Kaufman. 2,380,847; July 31.
Oil from oil fields, Recovery of. M. Muskat. 2,385,298; Sept. 18.
Oil from seeds, Continuous solvent extraction of. P. A. Singer and H. J. Deobald. 2,377,976; June 12.
Oil from seeds, Solvent extraction of. P. A. Singer and H. J. Deobald. 2,377,975; June 12.
Oil from water, Removing. S. Tymstra and T. K. Miles. 2,367,384; Jan. 16.
Oil heater. C. S. Reed. 2,370,996; Mar. 6.
Oil heater. H. M. Reeves. 2,377,901; June 12.
Oil, Hydrocarbon. M. A. Dietrich. 2,370,943; Mar. 6.
Oil, Hydrogenation of tall. R. G. Dressler and R. E. Vivian. 2,369,446; Feb. 13.
Oil in water dispersions. L. Auer. 2,382,533; Aug. 14.
Oil, Increasing cetane number of fuel. G. R. Gilbert. 2,390,296; Dec. 4.
Oil, Lubricating. E. Amott. 2,378,820; June 19.
Oil, Lubricating. C. M. Blair, Jr. 2,375,516; May 8.
Oil, Lubricating. C. M. Blair, Jr. 2,384,595; Sept. 11.
Oil, Lubricating. E. A. Evans and J. S. Elliott. 2,388,047; Oct. 30.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,369,150; Feb. 13.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,380,454; July 31.
Oil, Lubricating. J. R. Morris and R. F. McCleary. 2,374,559; Apr. 24.
Oil, Lubricating. C. C. Towne. 2,366,817; Jan. 9.
Oil, Lubricating and penetrating. J. B. Calva. 2,389,608; Nov. 27.
Oil manufacture, Lubricating. F. C. McCoy and C. C. Towne. 2,367,362; Jan. 16.
Oil of internal-combustion engines, Treating lubricating. J. B. Clark and H. P. Pierce. 2,376,418; May 22.
Oil or fat containing material for the recovery of oil or fat therefrom, Treatment of. J. C. Kernot. 2,368,028; Jan. 23.
Oil-phosphatide composition. P. L. Julian and E. W. Meyer. 2,374,682; May 1.
Oil, Producing. C. E. Reistle, Jr. 2,368,424; Jan. 30.
Oil, Producing. G. G. Wrightsman and S. E. Buckley. 2,378,817; June 19.
Oil producing sands, Treatment of. P. H. Jones and M. T. Flaxman. 2,369,831; Feb. 20.
Oil, Production of. W. G. Eris. 2,380,639; July 31.
Oil, Production of synthetic lubricating. J. A. Reid. 2,377,266; May 29.
Oil products and making, Drying. F. B. Root. 2,374,381; Apr. 24.
Oil products and making the same, Condensed halogenated tall. E. Lieber. 2,389,203; Nov. 20.
Oil pump. C. W. Ginter. 2,390,832; Dec. 11.
Oil, Purification of tall. A. Pollak and T. A. Willingham. 2,374,700; May 1.
Oil purifier. J. K. Russell, W. B. Collins, and W. W. Boggs. 2,369,857; Feb. 20.
Oil purifier, Crankcase. H. H. Cannon. 2,379,864; July 10.
Oil purifiers, Crude. F. A. Kent and C. W. Patrick. 2,378,776; June 19.
Oil purifying and cooling system. J. J. Serrell. 2,373,349; Apr. 10.
Oil reclaiming device. A. A. Braun. 2,377,988; June 12.
Oil, Refining hydrocarbon. H. Schindler. 2,367,803; Jan. 23.
Oil, Refining of coke-oven light. B. J. C. van der Hoeven and J. W. Unroe. 2,389,172; Nov. 20.
Oil, Refining of hydrocarbon. J. D. Danforth. 2,373,227; Apr. 10.
Oil, Refining tall. J. N. Borglin. 2,374,975; May 1.
Oil resistant thermoplastic and making. D. J. Beaver. 2,382,462; Aug. 14.
Oil ring. D. P. Lower. 2,386,963; Oct. 16.
Oil screen. M. A. Mieras. 2,372,286; Mar. 27.
Oilseeds, Treatment of. A. M. Altschul and M. L. Karon. 2,376,568; May 22.
Oilseeds, Treatment of. A. M. Altschul and M. L. Karon. 2,376,852; May 22.
Oil seal construction. S. M. Lillis. 2,367,411; Jan. 16.
Oil seal puller. C. E. Patton. 2,380,068; July 10.
Oil, Secondary recovery of. R. Cross. 2,386,036; Oct. 2.
Oil separator. G. M. Walton. 2,391,208; Dec. 18.
Oil smoke generator. J. Tweeddale. 2,379,766; July 3.
Oil-soluble resins. V. H. Turkington and W. H. Butler. 2,375,964; May 15.
Oil soluble resins. L. R. Whiting. 2,374,316; Apr. 24.
Oil solubilizing compositions. T. R. Donlan and A. Gathman. 2,391,087; Dec. 18.
Oilstoning device for plane irons and chisel blades. J. A. Llorens. 2,370,908; Mar. 6.
Oil substitute and making the same, Drying. C. H. Bibb and R. C. Palmer. 2,388,947; Nov. 13.
Oil, Sweetening sour hydrocarbon. G. R. Gilbert. 2,369,558; Feb. 13.
Oil temperature control valve. L. T. Miller. 2,374,639; Apr. 24.
Oil temperature regulator. W. Worth. 2,373,157; Apr. 10.
Oil tight joint. J. Mercier. 2,390,445; Dec. 4.
Oil treater. W. B. Rhees. 2,386,061; Oct. 2.
Oil, Treating. H. C. Eddy. 2,387,250; Oct. 23.
Oil treating apparatus, Crude. G. E. Mawhirter. 2,374,944; May 1.
Oil treatment, Esterified tall. E. Segessemann. 2,373,979; Apr. 17.
Oil, Treatment of lubricating. F. E. Frey. 2,378,762; June 19.
Oil treatment, Tall. E. Segessemann. 2,373,978; Apr. 17.
Oil, Turbine. P. W. Fischer and V. N. Jenkins. 2,388,132; Oct. 30.
Oil vapors, Cracking of heavy. E. Hene. 2,371,992; Mar. 20.
Oil vehicle and process therefor, Floor covering drying. S. A. Cohen, C. D. Thurmond, and L. S. Read. 2,381,486; Aug. 7.
Oil washed air cleaner. W. W. Lowther. 2,387,278; Oct. 23.
Oil well apparatus. L. E. Denton. 2,378,469; June 19.
Oil well derrick structure. H. J. Woolslayer. 2,380,094; July 10.
Oil well packer. J. E. Munn. 2,367,733; Jan. 23.
Oil well pump. W. S. Crake. 2,383,934; Sept. 4.
Oil well pump. P. W. Jenson. 2,372,785; Apr. 3.
Oil well pump. L. B. Rowsey. 2,366,807; Jan. 9.
Oil well screen. K. A. Wright. 2,391,609; Dec. 25.
Oil well testing device. C. V. Millikan. 2,374,557; Apr. 24.
Oil wells, Treating. E. A. Stephenson. 2,377,529; June 5.
Oil wells, Treating. E. A. Stephenson. 2,387,361; Oct. 23.
Oil wells, Treatment of. E. E. Harton, Jr., and P. Lyon. 2,386,605; Oct. 9.
Oil wells, Treatment of. C. F. Reed. 2,370,421; Feb. 27.
Oil with metallic sodium, Refining of hydrocarbon. R. S. Vose. 2,385,431; Sept. 25.
Oils and vinyl compounds, Copolymerization of drying. L. H. Dunlap. 2,382,213; Aug. 14.
Oils, Catalytic conversion of hydrocarbon. W. A. Bailey, Jr., and B. S. Greensfelder. 2,375,725; May 8.
Oils, Conversion of hydrocarbon. A. V. Grosse and W. J. Mattox. 2,381,820; Aug. 7.
Oils, Conversion of hydrocarbon. E. H. McGrew. 2,377,092–3; May 29.
Oils, Conversion of hydrocarbon. W. M. Stratford. 2,382,270; Aug. 14.
Oils, Conversion of hydrocarbon. W. J. Sweeney. 2,387,309; Oct. 23.
Oils, Cracking of hydrocarbon. J. V. Marancik and H. Z. Martin. 2,385,216; Sept. 18.
Oils, Cracking of hydrocarbon. C. W. Tyson. 2,384,356; Sept. 4.
Oils, Cracking petroleum. H. E. Lonngren. 2,372,591; Mar. 27.
Oils, Cutting. E. C. Hughes. 2,386,952; Oct. 16.
Oils, Extracting constituents of mineral. E. M. Dons and O. G. Mauro. 2,390,429; Dec. 4.
Oils, Filtering lubricating. J. E. Hurn. 2,366,190; Jan. 2.
Oils, High iodine value. L. O. Buxton. 2,380,412; July 31.
Oils, Lubricating. E. W. Cook and W. D. Thomas, Jr. 2,369,632; Feb. 13.
Oils, Phosphated blown. J. G. McNally and J. B. Dickey. 2,386,250; Oct. 9.
Oils, Polymerization of. W. T. Hancock. 2,383,189; Aug. 21.
Oils, Processing hydrocarbon. E. V. Murphree, A. Voorhies, Jr., L. S. Bonnell, and L. S. Tregre. 2,380,897; July 31.
Oils produced in by-product coking of bituminous coal in order to obtain a water-soluble acid sludge, Treating light. J. H. Wells and P. J. Wilson, Jr. 2,376,644; May 22.
Oils, Producing high quality lubricating. B. K. Engel. 2,370,297; Feb. 27.
Oils, Producing white. C. M. Floyd and J. Fram. 2,384,905; Sept. 18.
Oils, Propane fractionation of heavy. J. T. Dickinson, O. Morfit, and J. van Orden. 2,367,671; Jan. 23.
Oils, Propane fractionation of heavy. J. T. Dickinson, H. P. Wickham, and O. Morfit. 2,383,535; Aug. 28.
Oils, Purification of hydrocarbon. C. T. Harding. 2,379,077; June 26.
Oils, Recovery of essential. J. A. Finley. 2,381,732; Aug. 7.
Oils, Refining aromatic. H. J. Hepp. 2,387,993; Oct. 30.
Oils, Refining of animal and vegetable. B. Clayton. 2,374,924; May 1.
Oils, Refining marine. L. O. Buxton. 2,380,411; July 31.
Oils, Refining mineral. B. R. Strickland. 2,375,596; May 8.
Oils, Refining of mineral. I. J. Staid and J. E. Murphy. 2,370,819; Mar. 6.
Oils, Refining petroleum. F. W. Breth and A. Kinsel. 2,390,917; Dec. 11.
Oils, Refining petroleum. A. P. Hewlett and G. E. Phillips. 2,391,091; Dec. 18.
Oils, Synthetic drying. T. F. Bradley. 2,378,827; June 19.
Oils, Synthetic drying. H. Burrell and P. I. Bowman. 2,390,202; Dec. 4.

Oils, Treating lubricating. J. H. and M. M. H. Bruun. 2,370,228; Feb. 27.
Oils, Treating marine. L. O. Buxton. 2,380,408; July 31.
Oils, Treating vulcanized. K. W. Posnansky. 2,384,491; Sept. 11.
Oils, Treatment of. R. L. Weeks and B. C. Belden 2,367,385; Jan. 16.
Oils, Treatment of animal and vegetable. L. O. Buxton. 2,380,413; July 31.
Oils, Treatment of drying. H. G. Berger, G. S. Crandall, and J. F. Socolofsky. 2,380,394; July 31.
Oils, Treatment of hydrocarbon. T. B. Hudson and J. O. Turner. 2,371,298; Mar. 13.
Oils, Treatment of hydrocarbon. W. A. Schulze. 2,366,936; Jan. 9.
Oils with a catalyst, Cracking. G. C. Connolly. 2,366,491; Jan. 2.
Olefin conversion. H. H. Voge. 2,388,510; Nov. 6.
Olefin isomerization process. S. H. McAllister. 2,379,731; July 3.
Olefin polymerization process. M. T. Carpenter and C. F. Feuchter. 2,374,272; Apr. 24.
Olefin polymers, Depolymerization of. L. U. Franklin and E. E. Dunlay. 2,383,642; Aug. 28.
Olefin poly-sulphide products, Modified. F. Vass. 2,374,963; May 1.
Olefin recovery process. W. A. Schulze. 2,382,505–6; Aug. 14.
Olefine polymers, Treating. B. H. Shoemaker and E. L. D'Ouville. 2,390,621; Dec. 11.
Olefinic compounds, Producing. M. W. Swaney and L. K. Beach. 2,376,205; May 15.
Olefinic hydrocarbons, Preparation of. H. O. Mottern. 2,388,929; Nov. 13.
Olefinic hydrocarbons, Recovery of. T. W. Evans. 2,379,696; July 3.
Olefins, Concentration of. E. R. Gilliland. 2,369,559; Feb. 13.
Olefins, Dehydrogenating. W. A. Schulze, J. C. Hillyer, and H. E. Drennan. 2,391,646; Dec. 25.
Olefins from alkyl halides, Preparing. H. E. Buc. 2,368,446; Jan. 30.
Olefins from hydrocarbon mixtures, Separation of tertiary. H. O. Mottern. 2,386,055; Oct. 2.
Olefins, Hydrogenation of. J. A. Reid. 2,376,086; May 15.
Olefins, Isomerization of. P. L. Cramer. 2,386,934; Oct. 16.
Olefins, Oxidizing. D. Gardner. 2,366,725; Jan. 9.
Olefins, Polymerizing. A. Clark and R. S. Shutt. 2,385,609; Sept. 25.
Olefins, Preparation of fluorinated. N. Lamb and W. C. Mast. 2,377,297; May 29.
Olefins, Recovery of. T. W. Evans, B. O. Blackburn, and J. R. Scheibli. 2,376,239; May 15.
Olefins to olefin oxides, Oxidizing. D. Gardner. 2,366,724; Jan. 9.
Olefins, Treatment of. D. Gardner. 2,367,169; Jan. 9.
Oleopneumatic storage device. J. Mercier. 2,387,598; Oct. 23.
Oleoresin, Refining and distilling. J. O. Reed. 2,377,183; May 29.
Oliving machine, Multiple jewel. P. N. Paroz and G. W. Grisdale, Jr. 2,389,537; Nov. 20.
1,4-dichloro-2-butene, Reaction products of. R. F. Taylor. 2,391,849; Dec. 25.
1 - (4-sulphamylphenyl) - 3 - (4-sulphamylphenylimino)-5-aryl-2-pyrrolidone. M. E. Hultquist. 2,379,639; July 3.
1-Methoxy-2-amino-4-nitro-5-methyl-benzene and making the same. M. S. Carpenter. 2,381,877; Aug. 14.
1-olefins to 2-olefins, Isomerization of. J. C. Hillyer. 2,387,994; Oct. 30.
1-phenoxy-3-hydroxy-propanones-(2) and their manufacture. A. Grün and W. Stoll. 2,374,283; Apr. 24.
1,3-dicyanoguanidine and preparation thereof. D. W. Kaiser and J. T. Thurston. 2,371,100; Mar. 6.
1,3-dioxolane modified organic products. D. J. Loder and W. F. Gresham. 2,366,737; Jan. 9.
1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds, Substituted. E. A. H. Friedheim. 2,386,204; Oct. 9.
1,3,5-triazinyl-phenyl-sulphides carrying a metallic radical. E. A. H. Friedheim. 2,391,452; Dec. 25.
1:2 Alleylene imine condensation products. H. Ulrich. 2,368,082; Jan. 23.
1.2.3.4-tetrazole compounds, Manufacture of. J. D. Kendall. 2,386,869; Oct. 16.
One-way clutch. A. Y. Bodge and C. E. Swenson. 2,366,843; Jan. 9.
One-way clutch. A. Y. Dodge. 2,385,799; Oct. 2.
One-way clutch. A. Y. Dodge. 2,389,961; Nov. 27.
One-way clutch. C. E. Swenson. 2,386,013; Oct. 2.
One-way rotary clutch. J. Lund. 2,388,424; Nov. 6.
One-way snap fastener. O. J. Huelster. Re. 22,625–6; Apr. 3.
Opaque material, Method and apparatus for examining. D. G. C. Hare. 2,370,163; Feb. 27.
Open hearth furnace. R. Nissim. 2,386,565; Oct. 9.
Open refrigerated display case. J. R. Caulk, Jr. and R. E. Davis. 2,382,937; Aug. 14.
Open retaining ring. L. Brozek. 2,382,948; Aug. 14.
Opener and closer, Preserving jar. U. G. Densten. 2,387,651; Oct. 23.
Opener and dispenser, Box. W. E. Neilson, Jr., and C. C. Tinkey. 2,386,877; Oct. 16.
Opener, Can. F. K. Krag. 2,388,615; Nov. 6.
Opener, Can. M. A. Mirando. 2,391,732; Dec. 25.
Opener, Carton or box. C. T. Knudtson. 2,391,247; Dec. 18.
Opener, Letter. A. A. Kriewaldt. 2,388,695; Nov. 13.
Operating device for cameras. W. S. Kals. 2,371,524; Mar. 13.
Operating means, Die head. D. R. Powell and W. L. Moore. 2,387,290; Oct. 23.
Operating means for railway car doors. W. J. Tangerman. 2,369,323; Feb. 13.
Operating mechanism. W. C. Lesher. 2,372,503; Mar. 27.
Operating mechanism. H. J. Webb and G. E. Saunders. 2,387,960; Oct. 30.
Operation of printing machines, Method and mechanism for controlling the. E. L. Budden and W. C. Wieking. 2,389,891; Nov. 27.
Operator, Brake or clutch. J. W. Hale. 2,370,859; Mar. 6.
Operator, Door. J. R. Newkirk. 2,368,722; Feb. 6.
Opener, Can. S. Bloomfield. 2,375,274; May 8.
Opener, Can. W. B. Haskins. 2,372.948; Apr. 3.
Opener, Can. E. W. Worley. 2,375,401; May 8.
Opening apparatus, Jewel hole. J. O. Le Van. 2,385,287; Sept. 18.
Openings through a pile of sheets, Cutting. E. G. Rice. 2,376,724; May 22.
Operating and timing device for laundering machines and the like. C. H. Hays, Jr. 2,379,522; July 3.
Operation of internal-combustion engines with gas generators. E. Schimanek. 2,382,747; Aug. 14.
Operator, Door. W. A. Geiger. 2,380,302; July 10.
Operator, Electromagnetic. W. A. Ray. 2,377,515; June 5.
Operator, Window. A. Rappl and E. C. Horton. 2,379,989; July 10.
Ophthalmic. G. A. Ellestad and C. G. Salmon. 2,371,745; Mar. 20.
Ophthalmic device. G. M. Nelsen. 2,388,493; Nov. 6.
Ophthalmic instrument. R. D. Keller. 2,381,126; Aug. 7.
Ophthalmic instrument. D. T. Street. 2,386,012; Oct. 2.
Ophthalmic mounting. J. W. Aspenleiter. 2,375,339; May 8.
Ophthalmic mounting. J. W. Aspenleiter. 2,389,116; Nov. 20.
Ophthalmic mounting. C. O. Cozzens. 2,384,815; Sept. 18.
Ophthalmic mounting. E. J. Brusell. 2,373,650; Apr. 17.
Ophthalmic mounting. C. O. Cozzens and E. M. Splaine. 2,385,693; Sept. 25.
Ophthalmic mounting. W. C. Eaton and W. Leduc. 2,382,980; Aug. 21.
Ophthalmic mounting. G. A. Ellestad. 2,385,975; Oct. 2.
Ophthalmic mounting. W. R. and R. H. Uhlemann. 2,366,659; Jan. 2.
Ophthalmic mounting. L. J. Page. 2,376,977; May 29.
Ophthalmic mounting. E. M. Splaine. 2,381,011; Aug. 7.
Ophthalmic mounting. E. M. Splaine. 2,383,021; Aug. 21.
Ophthalmic mounting. E. D. Tillyer, W. J. Joyce, and H. R. Moulton. 2,380,481; July 31.
Ophthalmic mounting and making and adjusting the same. E. M. Splaine. 2,388,191; Oct. 30.
Ophthalmic mounting, more particularly lenses for mountings, and making same. W. E. Williams. 2,387,789; Oct. 30.
Ophthalmoscope. W. A. Arnesen. 2,370,514; Feb. 27.
Opposed-angle brush holder. G. P. Lessmann. 2,383,325; Aug. 21.
Opposed-piston engine. W. Kilchenmann. 2,372,676; Apr. 3.
Optical adjustment. G. F. Rackett. 2,382,580; Aug. 14.
Optical apparatus for gauging. E. Wurger. 2,373,989; Apr. 17.
Optical control apparatus. F. Turrettini. 2,373,930; Apr. 17.
Optical device. G. E. Guellich and A. A. Gradisar. 2,389,503; Nov. 20.
Optical device. J. R. Kerry. 2,389,155; Nov. 20.
Optical device. W. R. Miles. 2,378,493; June 19.
Optical device. V. Walker. 2,370,214; Feb. 27.
Optical device and making same. V. Walker. 2,371,486; Mar. 13.
Optical element. A. F. Turner. 2,384,578; Sept. 11.
Optical elements, Producing. I. G. Fowler and H. A. McMaster. 2,367,111; Jan. 9.
Optical instrument. T. Abrams, M. B. Moore, and W. S. Karr. 2,366,228; Jan. 2.
Optical instrument. J. F. Brandt and R. F. E. Stegeman. 2,384,528; Sept. 11.
Optical instrument. G. A. Brueske. 2,378.282; June 12.
Optical instrument. E. F. Flint. 2,375,356; May 8.
Optical instrument. E. F. Flint. 2,385,978; Oct. 2.
Optical instrument. E. F. Flint. 2,390,362; Dec. 4.
Optical instrument. G. B. Gallasch. 2,389.252; Nov. 20.
Optical instrument. J. C. Kurtz. 2,378,487; June 19.
Optical instrument. G. W. Moffitt. 2,385,019; Sept. 18.
Optical instrument. R. F. E. Stegeman. 2,369,761; Feb. 20.
Optical instrument and making same. I. C. Gardner. 2,378,401; June 19.

Optical instrument, Electron. J. A. Rajchman and R. L. Snyder, Jr. 2,372,450; Mar. 27.
Optical instrument, Rear vision. H. A. McMaster and F. A. Rodman. 2,374,027; Apr. 17.
Optical means. E. D. Tillyer. 2,370,697; Mar. 6.
Optical measuring means applied in machines and instruments. F. Turrettini. 2,368,434; Jan .30.
Optical object aligning device. P. F. Darby. 2,367,567; Jan. 16.
Optical objective. A. Cox. 2,366,597; Jan. 2.
Optical objective. A. Cox. 2,387,497; Oct. 23.
Optical objective. A. Warmisham. 2,366,661; Jan. 2.
Optical objective. A. Warmisham. 2,379,392; June 26.
Optical objective. A. Warmisham. 2,380,888; July 31.
Optical objective. A. Warmisham. 2,391,209; Dec. 18.
Optical objective. A. Warmisham and C. G. Wynne. 2,391,210; Dec. 18.
Optical objective. C. G. Wynne. 2,379,393; June 26.
Optical objective. C. G. Wynne. 2,389,016; Nov. 13.
Optical observation instrument. J. W. French. 2,372,479; Mar. 27.
Optical projection apparatus. T. W. Clifford. 2,391,132; Dec. 18.
Optical record interpreter. R. B. Johnson. 2,390,439; Dec. 4.
Optical reflecting material. T. G. Jungersen. 2,380,447; July 31.
Optical surface, Treatment of. H. L. Penberthy. 2,382,660; Aug. 14.
Optical surfaces and the like, Producing. V. Walker. 2,372,536; Mar. 27.
Optical system. A. H. Bennett. 2,388,031–2; Oct. 30.
Optical system. P. A. Birdick. 2,387,113; Oct. 16.
Optical system. E. K. Kaprelian. 2,378,301; June 12.
Optical system. O. M. Miller. 2,377,509; June 5.
Optical system. H. Rinia. 2,377,268; May 29.
Optical system. A. Warmisham. 2,380,887; July 31.
Optical system, Dual power. L. H. Brown. 2,388,673; Nov. 13.
Optical testing device and testing. C. J. Glasser. 2,385,503; Sept. 25.
Optical tool gauge. W. F. Peck and G. E. Guellich. 2,389,544; Nov. 20.
Optical wedges, Producing. T. W. Sukumlyn. 2,384,209; Sept. 4.
Optical work area locator. G. A. Lowden. 2,379,534; July 3.
Orchids, Composition for preserving cut. A. A. Meyer. 2,367,795; Jan. 23.
Ordnance. E. W. Brandt. 2,368 966; Feb. 6.
Ordnance. R. J. Hochstetler. 2,382,225; Aug. 14.
Ordnance. J. C. Trotter. 2,382,522; Aug. 14.
Ordnance. J. C. Trotter. 2,388,509; Nov. 6.
Ordnance. J. C. Trotter. 2,390,401; Dec. 4.
Ore concentrator. B. Tocci-Guilbert. 2,366,223; Jan. 2.
Ore concentration, Heavy-media fine. W. A. Hamilton. 2,369,393; Feb. 13.
Ore reduction apparatus. E. M. Wanamaker, R. H. Cromwell, and H. L. Chamberlain. 2,384,862; Sept. 18.
Ore treatment and concentrate produced thereby. L. B. Wyckoff. 2,375,268; May 8.
Ores and electric furnace therefor, Treating. R. S. Wile. 2,368,508; Jan. 30.
Ores and oxides, Reducing. J. H. Stewart. 2,386,073; Oct. 2.
Ores, Beneficiation of beryllium. F. D. Lamb and L. Banning. 2,385,819; Oct. 2.
Ores, Concentrating. K. F. Schilling, A. T. Cole, J. B. Duke, and W. M. Houston. 2,382,178; Aug. 14.
Ores, Concentration of. A. H. Fischer. 2,376,242; May 15.
Ores, Concentration of. A. M. Gaudin. 2,381,662; Aug. 7.
Ores containing sodium chloride, Flotation process for. P. A. Ray. 2,389,080; Nov. 13.
Ores, Flotation of iron. J. B. Clemmer and B. H. Clemmons. 2,383,467; Aug. 28.
Ores, Flotation of. W. E. Keck. 2,373,688; Apr. 17.
Ores, Treatment of titaniferous. T. P. Campbell. 2,366,177; Jan. 2.
Organic acids modified by formaldehyde and glycol. D. J. Loder and W. F. Gresham. 2,366,738; Jan. 9.
Organic amine derivatives and obtaining same. E. W. Tillitson. 2,370,092; Feb. 20.
Organic compounds and their preparation. K. L. Lynch. 2,368,067; Jan. 23.
Organic compounds, Carbalkoxylation of. V. H. Walling ford and A. H. Homeyer. 2,367,632; Jan. 16.
Organic compounds containing a $CH_2=C<$group, Polymerization of unsaturated. W. L. Semon. 2,376,015; May 15.
Organic compounds containing a $CH_2=C<$Group, Polymerization of. B. S. Garvey, Jr. 2,376,963; May 29.
Organic compounds containing nitrogen, Production of. J. W. Teter. 2,381,470–2; Aug. 7.
Organic compounds containing nitrogen, Production of. F. A. Apgar and J. W. Teter. 2,381,709; Aug. 7.
Organic compounds, Manufacture of. H. Dreyfus. 2,387,723; Oct. 30.
Organic compounds, Oxidation of. J. G. N. Drewitt. 2,389,187; Nov. 20.
Organic compounds, Polymerization of unsaturated. W. L. Semon and C. F. Fryling. 2,376,014; May 15.
Organic compounds, Purification of. J. E. Mitchell. 2,371,307; Mar. 13.
Organic compounds, Separation of. J. E. Bludworth and G. Flower, Jr. 2,381,032; Aug. 7.
Organic compounds with nitrosyl chloride, Reaction of unsaturated. L. J. Beckham and J. A. Crowder. 2,371,418; Mar. 13.
Organic cyanamide transmission-fluids. W. H. Hill. 2,370,663; Mar. 6.
Organic detergents for lubricating oil. F. L. Johnston. 2,371,333; Mar. 13.
Organic disulphides, Production of. J. A. Gardner. 2,385,410; Sept. 25.
Organic liquids, Treatment of. J. L. Kellogg. 2,389,732; Nov. 27.
Organic materials, Drying raw. J. M. Baer. 2,391,441; Dec. 25.
Organic nitrogen-containing compounds and processes for their production. D. D. Coffman and W. L. Alderson, Jr. 2,373,870; Apr. 17.
Organic nitrosyl chloride addition products, Manufacture of. H. A. Beekhuis, Jr. 2,370,518; Feb. 27.
Organic phosphorus compounds. M. A. Dietrich. 2,373,627; Apr. 10.
Organic radicals from N-substituted ureas, Removal of. V. E. Haury. 2,374,485; Apr. 24.
Organic substances, Stabilization of. C. J. Pedersen. 2,373,049; Apr. 3.
Organic substances, Stabilization of. C. J. Pedersen. 2,382,904; Aug. 14.
Organic sulphonates and making. L. J. Beckham. 2,373,643; Apr. 17.
Organic vapors, Combustion of halogenated. H. W. Crouch and H. E. Stauss. 2,384,368; Sept. 4.
Organo-dihalogenosiloxanes. W. I. Patnode. 2,381,366; Aug. 7.
Organo-silicols and products thereof, Treatment of. E. G. Rochow. 2,371,068; Mar. 6.
Organosilicon compounds. E. G. Rochow. 2,383,817; Aug. 28.
Organosilicon halides, Preparation of. E. G. Rochow and W. F. Gilliam. 2,383,818; Aug. 28.
Organo-siliconhalides, Producing. C. E. Reed and J. T. Coe. 2,389,931; Nov. 27.
Organo silicon polymers and making them. R. R. McGregor and E. L. Warrick. 2,375,998; May 15.
Organo-siloxanes, Stabilizing. R. R. McGregor and E. L. Warrick. 2,389,802–7; Nov. 27.
Orienting device. P. Wolfers. 2,387,104; Oct. 16.
Orienting instrument. L. P. Crosman. 2,387,647; Oct. 23.
Orienting irregular quartz crystals. D. Harker. 2,380,235; July 10.
Orienting mechanism. S. C. Hurley, Jr. 2,379,717; July 3.
Ornament. E. B. Stokoe. 2,387,475; Oct. 23.
Ornament, Ear. C. Christy. 2,383,448; Aug. 28.
Ornament, Rotary propeller. C. G. Passanante. 2,373,499; Apr. 10.
Ornamental container. C. Huber. 2,391,420; Dec. 25.
Ornamental accessory. J. Nufer. 2,387,173; Oct. 16.
Ornamental box. R. I. Rhodes. 2,372,294; Mar. 27.
Ornamental chain, Manufacture of. A. J. England. 2,366,960; Jan. 9.
Ornamentation for thermal plastic articles, Surface. N. Barbieri. 2,368,085; Jan. 30.
Ornamental illuminating device. C. W. Otis. 2,383,941; Sept. 4.
Ornamented article and making the same. E. B. Nichols. 2,374,034; Apr. 17.
Ornamenting machine. C. E. Newton. 2,390,728; Dec. 11.
Ornamenting materials. A. Gluckman. 2,368,539; Jan. 30.
Orientation system. P. M. G. Toulon. 2,369,622; Feb. 13.
Ornaments such as Christmas trees and manufacture. C. S. Price. 2,382,746; Aug. 14.
Ornaments, Manufacturing personal. E. E. Brown. 2,377,308; June 5.
Ortho-dinitrile, Preparation of aromatic. M. H. Fleysher. 2,387,435; Oct. 23.
Orthodontia appliance. J. E. Laskin. 2,379,011; June 26.
Orthodontic band clamp. P. R. Begg. 2,378,279; June 12.
Orthodontic bracket. J. E. Laskin. 2,368,851; Feb. 6.
Orthodontic bracket spring. J. E. Laskin. 2,381,128; Aug. 7.
Orthodontic pliers. J. W. Flanagan. 2,375,094; May 1.
Ortho-nitro-anisole, Manufacture of. M. C. Denison and M. E. Wassom. 2,370,524; Feb. 27.
Orthopedic appliance. F. F. Burchsted. 2,374,163; Apr. 24.
Orthopedic arch. J. W. Lewis. 2,370,251; Feb. 27.
Orthopedic child's sandal. E. H. Bettmann. 2,390,416; Dec. 4.
Oscillating code transmitter. R. W. Hewes. 2,388,484; Nov. 6.
Oscillating joint. H. E. Wening and R. E. Moule. 2,390,905; Dec. 11.
Oscillating or reversing mechanism. J. W. Conlon. 2,389,232; Nov. 20.
Oscillation generator. K. Schlesinger. 2,383,822; Aug. 28.

Oscillation generator. H. B. Shapiro. 2,375,695; May 8.
Oscillation generator system. M. Morrison. 2,390,659; Dec. 11.
Oscillation reducing device. F. M. M. B. Salomon. 2,383,516; Aug. 28.
Oscillation reducing device. F. M. M. B. Salomon. 2,387,775; Oct. 30.
Oscillator. S. Beaudoin. 2,382,954; Aug. 21.
Oscillator. D. D. Kallenbach. 2,366,266; Jan. 2.
Oscillator and mounting, Crystal. K. G. MacLean. 2,381,173; Aug. 7.
Oscillator blanks, Manufacture of piezoelectric. M. Ramsay. 2,382,257; Aug. 14.
Oscillator circuit. R. L. Downey. 2,369,953; Feb. 20.
Oscillator, Crystal controlled. L. R. Cox. 2,385,260; Sept. 18.
Oscillator, Crystal-controlled relaxation. A. M. Braaten. 2,373,223; Apr. 10.
Oscillator-modulator circuit. W. Dällenbach, A. Allerding, and L. Huttmann. 2,382,693; Aug. 14.
Oscillator, Stabilized. W. A. Edson. 2,379,694; July 3.
Oscillator stabilizing circuit. W. P. Bollinger. 2,382,198; Aug. 14.
Oscillator system, High-frequency. E. E. Spitzer. 2,377,456; June 5.
Oscillator, Thermionic. E. L. Crandell. 2,391,085; Dec. 18.
Oscillator, Torsional. B. E. Eisenhour. 2,384,823; Sept. 18.
Oscillator, Twin-discharge tube. P. B. Vanderlyn and E. L. C. White. 2,373,437; Apr. 10.
Oscillator, Vacuum tube. M. R. Briggs. 2,367,924; Jan. 23.
Oscillator, Variable frequency. K. Rath. 2,378,245; June 12.
Oscillatory engine. T. L. Chard. 2,389,764; Nov. 27.
Oscillatory motion, Transmitting. P. E. Geldhof and V. J. Wooster. 2,385,623; Sept. 25.
Oscilloscope, Polar coordinate. O. W. Packer. 2,389,995; Nov. 27.
Oscillosphygmograph. H. Lax. 2,371,244; Mar. 13.
Outboard motor dolly. A. O. George. 2,390,704; Dec. 11.
Outboard motor stand, Portable. M. Blicker. 2,380,017; July 10.
Outboard motor support. G. W. Schleisner. 2,379,256; June 26.
Outlet box. M. B. Austin, Jr. 2,378,529; June 19.
Outlet box hanger. T. C. Divine. 2,380,155; July 10.
Outlet box support. E. H. Rugg. 2,380,793; July 31.
Outlet connection for liquid containing tanks. W. K. Ebel and F. J. Pepersack. 2,380,735; July 31.
Outlet, Discharge. F. A. Cull. 2,382,468; Aug. 14.
Outlet strip, Manufacturing continuous. W. H. Frank. 2,371,816; Mar. 20.
Outlet valve. A. V. Mossinger. 2,369,170; Feb. 13.
Outsole. G. Codish. 2,385,690; Sept. 25.
Outsole for shoes. J. Gregg and D. E. Levin. 2,371,689; Mar. 20.
Oven. W. F. Butler. 2,376,866; May 29.
Oven, Bake. J. R. Nalbach and A. Haupt. 2,384,390; Sept. 4.
Oven, Coke. J. Schafer. 2,387,615; Oct. 23.
Oven, Coking retort. J. Becker. 2,378,387; June 19.
Oven, Coking retort. J. Van Ackeren. 2,378,450; June 19.
Oven for heating filamentary products. J. W. Dalgleish. 2,373,550; Apr. 10.
Oven for manufacturing continuous rubber articles. S. W. Alderfer. 2,381,387; Aug. 7.
Oven, Gas heated cooking. A. F. Oatley. 2,383,410; Aug. 21.
Oven mechanism. E. O. Engels. 2,373,076; Apr. 3.
Oven, Reel type bake. S. Holm. 2,385,919; Oct. 2.
Oven, Rotary. C. Herzog. 2,379,485; July 3.
Oven, Ore-roasting. H. H. Harris. 2,370,659; Mar. 6.
Ovens, Charging coke. C. Otto. 2,382,810; Aug. 14.
Over-bed table. B. A. Doty. 2,368,748; Feb. 6.
Overcoating, Protective. L. M. Minsk, W. J. Weyerts, and W. H. McDowell. 2,391,181; Dec. 18.
Overhead door. V. L. Holmes. 2,388,654; Nov. 6.
Overhead door construction. A. V. Rowe. 2,391,845; Dec. 25.
Overhead garage door. R. G. Kuehner. 2,366,793; Jan. 9.
Overhead tool support. T. C. Robertson. 2,386,266; Oct. 9.
Overload circuit breaker. C. W. Kuhn. 2,390,718; Dec. 11.
Overload spring. R. H. Hellwig. 2,372,201; Mar. 27.
Overpass, Portable. R. G. Le Tourneau. 2,366,916; Jan. 9.
Overload protection for refrigeration systems. A. B. Newton. 2,389,073; Nov. 13.
Overturn structure and air scoop for airplanes, Combination. A. J. Klose. 2,370,802; Mar. 6.
Overvoltage hazard in alternating current circuits, Eliminating the switching. E. W. Boehm and H. A. Peterson. 2,391,672; Dec. 25.
Oxidation of alcohols, Catalytic alkaline. H. C. Chitwood. 2,384,817; Sept. 18.
Oxidation of alicyclic hydrocarbons and of their derivatives, Controlled. F. F. Rust and W. E. Vaughan. 2,369,181; Feb. 13.
Oxidation of aromatic hydrocarbons. W. S. Emerson and J. W. Heyd. 2,376,674; May 22.
Oxidation of organic compounds and manufacture of phthalic anhydride. S. B. Becker. 2,373,008; Apr. 3.
Oxidation removing process. H. L. R. Hovis. 2,383,434; Aug. 21.
Oxidation of unsaturated organic compounds, Controlled. F. F. Rust and W. E. Vaughan. 2,369,182; Feb. 13.
Oxide gels, Preparing. L. C. Drake and L. P. Evans. 2,378,290; June 12.
Oxides, Alkyl-substituted amino-aryl metal. O. M. Reiff and H. D. Hartough. 2,368,880; Feb. 6.
Oxides from steel, Cleaning. F. Forsberg. 2,378,761; June 19.
Oxyalkylated esters, and making same, Water-soluble high molal. M. De Groote and B. Keiser. 2,369,818; Feb. 20.
Oxygen compounds, Production of cyclic. W. Schmidt and K. Seydel. 2,387,617; Oct. 23.
Oxygen flow regulator. J. P. Strange. 2,378,047; June 12.
Oxygen, Process and apparatus for producing industrial. W. L. De Baufre. 2,380,417; July 31.
Oxygen supplying mask, High altitude. A. H. Bulbulian. 2,391,677; Dec. 25.
Oxygen system. G. C. Fields. 2,384,669; Sept. 11.
Oxygen tent. G. A. Haugh. 2,366,904; Jan. 9.
Oxygen tent unit. D. J. Cohn. 2,390,693; Dec. 11.
Oxygenated organic compounds, Production of. J. E. Bludworth. 2,369,710; Feb. 20.
Oyster opening machine. G. R. Ragupos. 2,391,739; Dec. 25.
P-aminobenzenesulphonamides and their manufacture. H. Martin, R. Hirt, and O. Neracher. 2,383,874; Aug. 28.
P-cymene from monocyclic terpenes. J. K. Dixon. 2,376,308; May 15.
Pack frame and bag. M. S. Wallace. 2,390,673; Dec. 11.
Pack, Manifolding flat. W. F. Leibfritz. 2,387,667; Oct. 23.
Pack, Parachute. L. Dearstyne and J. J. Rutkowski. 2,383,293; Aug. 21.
Package. C. O. Ballar. 2,368,797; Feb. 6.
Package. W. H. Bodle. 2,390,350; Dec. 4.
Package. J. Illion. 2,383,389; Aug. 21.
Package. La V. E. Cheyney and H. J. Osterhof. 2,385,533; Sept. 25.
Package. La V. E. Cheyney and H. J. Osterhof. 2,385,535; Sept. 25.
Package. J. W. Little. 2,383,728; Aug. 28.
Package. W. Mitchell, Jr. 2,382,368; Aug. 14.
Package. H. J. Osterhof and La V. E. Cheyney. 2,385,531; Sept. 25.
Package. G. H. Ryberg. 2,379,657; July 3.
Package. O. E. Seiferth. 2,379,934; July 10.
Package, M. Weisman. 2,377,118; May 29.
Package, Ammunition. N. H. McKay. 2,374,222; Apr. 24.
Package and making same. J. M. Treneer. 2,372,406; Mar. 27.
Package and packing. C. J. Schmid. 2,390,900; Dec. 11.
Package and wrapper. C. E. Johnson. 2,368,140; Jan. 30.
Package, Antiseptic. J. A. Milem. 2,367,417; Jan. 16.
Package binding. J. J. Cheesman. 2,367,168; Jan. 9.
Package container. G. H. Bugenhagen. 2,372,708; Apr. 3.
Package cutter. L. Walters. 2,376,887; May 29.
Package, Document. F. H. Groves. 2,371,135; Mar. 13.
Package filling machine. R. R. Walton. 2,368,624; Feb. 6.
Package for furniture. J. S. Kirby. 2,378,932; June 26.
Package for radio tubes and the like. C. I. Elliott and V. R. Pantalone. 2,368,753; Feb. 6.
Package for rolls of flexible material. B. C. Roehrl. 2,386,062; Oct. 2.
Package, Hermetically sealed. H. A. Rohdin. 2,372,452; Mar. 27.
Package, Measuring and dispensing. E. J. Biskamp. 2,381,800; Aug. 7.
Package of liquid material and container therefor. T. R. Baxter. 2,382,536; Aug. 14.
Package, Powder dispenser. E. T. Ahern. 2,372,154; Mar. 20.
Package, Prophylactic. F. G. Karg. 2,391,094; Dec. 18.
Package, Protective. H. J. Fischer. 2,367,345; Jan. 16.
Package, Sealed. W. K. Berthold. 2,380,395–6; July 31.
Package sealing strip applying mechanism. L. V. Whipple and S. W. Pollock. 2,385,751; Sept. 25.
Package, Seat-cover. L. Clark. 2,387,059; Oct. 16.
Package tie, Knotless. I. R. Trevisan. 2,371,920; Mar. 20.
Package vending machine. H. P. Compton and J. A. Autry. 2,373,014; Apr. 3.
Package vending machine. L. A. M. Phelan. 2,385,465; Sept. 25.
Package wrapping. H. B. Tuthill and H. F. Caldwell. 2,371,858; Mar. 20.
Packaging. M. Bennett. 2,380,913; Aug. 7.
Packaging. C. J. Cavallito. 2,385,257; Sept. 18.
Packaging. C. E. Gardner. 2,382,987; Aug. 21.
Packaging. G. M. Schutter. 2,384,494; Sept. 11.
Packaging. P. B. Hultkrans. 2,375,417; May 8.
Packaging apparatus. I. J. Lundal and C. F. Weinreich. 2,387,452; Oct. 23.
Packaging apparatus. F. D. Palmer. 2,376,003; May 15.
Packaging apparatus. K. Stenglein. 2,376,289; May 15.

Packaging apparatus and method. W. D. Young. 2,380,624; July 31.
Packaging machine. E. D. Angell. 2,379,407; July 3.
Packaging machine. S. R. Howard. 2,377,687; June 5.
Packaging machine. S. R. Howard. 2,387,585; Oct. 23.
Packaging machine. F. W. Kucklinsky. 2,390,107; Dec. 4.
Packaging machine. A. W. Lindholm. 2,381,505; Aug. 7.
Packaging machine. D. and C. Ray. 2,378,324; June 12.
Packaging machine. G. A. Robinson. 2,385,233; Sept. 18.
Packaging machine. W. W. Sibson, Jr., and H. H. Belcher. 2,366,811; Jan. 9.
Packaging machine and method of packaging. C. J. Malhoit. 2,367,684; Jan. 23.
Packing machine, Fish. K. Kurzbin. 2,382,729; Aug. 14.
Packaging method. K. R. Karlson. 2,376,256; May 15.
Packaging method. O. E. Seiferth and E. C. Sloan. 2,379,935; July 10.
Packaging, Method and apparatus for. E. J. Rebechini. 2,384,492; Sept. 11.
Packaging reel. W. H. Hawkins. 2,368,594; Jan. 30.
Packaging sliced loaves. G. C. Papendick. 2,369,753; Feb. 20.
Packaging sliced loaves. G. C. Papendick. 2,389,812; Nov. 27.
Packaging wrapper and producing the same. J. F. Palmer. 2,372,735; Apr. 3.
Packages, Producing grease. H. L. Bode. 2,378,972; June 26.
Packages, Wrapper for cigarette. W. G. Vollmer. 2,373,524; Apr. 10.
Packer. E. J. Roe. 2,378,374; June 19.
Packer, Automatic, positive action. W. A. Laird. 2,379,162; June 26.
Packer, Double seal. C. H. Barnes. 2,387,003; Oct. 16.
Packer, Formation. C. H. Barnes. 2,370,929; Mar. 6.
Packer for pottery, Sand. J. A. Bower. 2,375,191; May 8.
Packer holding device. J. Young, Jr. 2,379,394; June 26.
Packer, Releasable well. R. C. Baker. 2,368,400; Jan. 30.
Packer, Removable well. R. C. Baker. 2,370,832; Mar. 6.
Packer, Retractable. G. E. Justice, F. M. Thurston, and F. N. Young. 2,389,985; Nov. 27.
Packer, Well. R. C. Baker. 2,368,399; Jan. 30.
Packer, Well. C. E. Burt. 2,368,409; Jan. 30.
Packer, Well. E. W. McGaffey. 2,390,112; Dec. 4.
Packing. G. Christenson. 2,366,832; Jan. 9.
Packing. J. Driscoll and E. J. Poltorak. 2,376,039; May 15.
Packing. J. J. Fiechter. 2,372,773; Apr. 3.
Packing. E. Hanson. 2,366,729; Jan. 9.
Packing. G. P. Leistensnider and H. G. Koch. 2,372,095; Mar. 20.
Packing apparatus. P. B. Richardson. 2,376,810; May 22.
Packing bag. R. Faillot. 2,375,544; May 8.
Packing coffee. G. A. Moore. 2,368,561; Jan. 30.
Packing device. H. Hornschuch. 2,372,423; Mar. 27.
Packing device. C. M. King. 2,368,928; Feb. 6.
Packing material, Egg. J. R. Grant. 2,378,627; June 19.
Packing means for harvested vegetables. E. S. Gorton. 2,386,308; Oct. 9.
Packing, Method of and apparatus for. M. Weisman. 2,381,091; Aug. 7.
Packing ring. J. Mercier. 2,372,907; Apr. 3.
Packing ring for shock absorbing struts. J. F. Wallace. 2,385,045; Sept. 18.
Packing seal, Protected. R. M. Harmon. 2,368,137; Jan. 30.
Packless valve. C. O. Emrich. 2,388,046; Oct. 30.
Pad: *See*—
- Abrading or buffing pad.
- Air-cushion knee pad.
- Collet or collet pad.
- Depilatory pad.
- Electric heating pad.
- Inking pad.
- Jack pad.
- Pencil-bonded memorandum pad.
- Plastic abrasives pad.
- Polishing or buffing pad.
- Press pad.
- Riverter's hand pad.
- Shoulder pad.
- Spindle moistening pad.
- Stud pad.
- Table pad.

Pad. E. R. Perry and H. C. Guhl. 2,372,114; Mar. 20.
Pad for evaporative coolers. B. Essick. 2,391,558; Dec. 25.
Pad for laundry and like presses, Fabric. E. L. Dawson and H. Taylor. 2,382,141; Aug. 14.
Pad and manufacture. J. E. Valentine and R. J. Peña. 2,366,680; Jan. 2.
Pad for automobile fenders, Protecting. G. F. Cavanagh. 2,368,200; Jan. 30.
Pad holder and punch, Check. E. A. Haveles. 2,367,773; Jan. 23.
Pad or sales book, Duplicating. E. Z. Lewis. 2,386,872; Oct. 16.
Pad or the like, Salesman's order. H. A. Stone. 2,370,377; Feb. 27.
Paddle. J. K. Reed. 2,380,870; July 31.
Paddle construction. A. Perri. 2,371,541; Mar. 13.
Paddle, Swimming. A. L. Harmon. 2,389,196; Nov. 20.
Padlock. H. J. Dequick. 2,374,669; May 1.
Padlock. R. J. Ohno. 2,370,991; Mar. 6.
Padlock. C. E. Olson. 2,375,488; May 8.
Padlock, Combination. F. K. Heyer. 2,378,768; June 19.
Padlock, Laminated. J. Hines and L. Segal. 2,379,437; July 3.
Page end indicator. F. T. Jensen. 2,366,265; Jan. 2.
Pail, Mop. W. O. Cleveland, Jr. 2,379,476; July 3.
Pails, Making tapered. J. A. Pittner. 2,390,553; Dec. 11.
Paint. A. Douty and F. B. Freese. 2,385,800; Oct. 2.
Paint and drawing sheet. W. H. Connelly. 2,371,153; Mar. 13.
Paint applying device. R. C. Bergmann. 2,371,948; Mar. 20.
Paint, Bituminous. G. A. Fasold and H. W. Greider. 2,385,437; Sept. 25.
Paint bucket holder. E. M. Atkins. 2,367,256; Jan. 16.
Paint compositions. J. G. Lichty and N. V. Seeger. 2,388,656; Nov. 6.
Paint dispensing apparatus. P. L. Hexter. 2,374,430; Apr. 24.
Paint films, Method and apparatus for the inspection of. F. Dieffenbach. 2,373,104; Apr. 10.
Paint, Hot water-soluble. S. D. Silver. 2,369,184; Feb. 13.
Paint remover. J. C. Roediger. 2,388,082; Oct. 30.
Paintbrush. E. L. Hawkins. 2,384,029; Sept. 4.
Painting machine. J. Brzeski. 2,389,409; Nov. 20.
Painting machine. F. A. Parker and F. Ancliff. 2,367,309; Jan. 16.
Painting machine. H. V. Schweitzer. 2,373,604; Apr. 10.
Paints, Manufacture of. H. Sohm. 2,388,017; Oct. 30.
Pallet. R. H. Braun. 2,372,055; Mar. 20.
Pallet. H. W. Warren. 2,377,911; June 12.
Pallet and skid platform, Bolted. J. H. Cruickshank. 2,371,878; Mar. 20.
Pallets adopted for use as accessories in fork lift truck operations, Materials handling. N. L. Cahners. 2,369,944; Feb. 20.
Pan, Bake. R. F. Beerend. 2,391,767; Dec. 25.
Pan, Baking. A. F. Ward. 2,391,660; Dec. 25.
Pan, Colostomy. I. D. Fenwick. 2,380,740; July 31.
Pan, Frog. W. J. Lewis. 2,373,577; Apr. 10.
Pan greaser. J. R. Vickery, Jr. 2,385,744; Sept. 25.
Pan set, Multiple. J. Kollman. 2,377,015; May 29.
Pan, Sliver. F. L. Crockett. 2,377,924; June 12.
Pan, Steam. J. E. Brumley. 2,371,279; Mar. 13.
Pan, Ultraventilated oven drip. R. Howard. 2,374,749; May 1.
Panel and control mechanism therefor. W. H. Bishop and W. E. Clements. 2,381,966; Aug. 14.
Panel and fabricating same, Laminated trim. E. A. Burns. 2,369,658; Feb. 20.
Panel and the like, Display. A. P. D. Belanger. 2,379,336; June 26.
Panel for use in walls, partitions, and the like. W. C. Randall. 2,367,610; Jan. 16.
Panel or switch box. G. R. Smith. 2,377,725; June 5.
Panel, Oven-wall. W. J. Miskella. 2,391,436; Dec. 25.
Panel, Reflective. W. J. Miskella. 2,387,804; Oct. 30.
Panel, Structural. E. Englund. 2,386,098; Oct. 2.
Panel structure and elements thereof. J. H. Oswald. 2,372,792; Apr. 3.
Panel, Trim. G. R. Cunnington. 2,387,317; Oct. 23.
Panel, Trim. E. R. Detrick. 2,377,997–2,378,000; June 12.
Panels, Making hollow. O. C. Davis. 2,385,352; Sept. 25.
Panels, Producing composite. J. W. Trew. 2,372,617; Mar. 27.
Panoramic device for cameras, Automatic. M. S. Brockman. 2,372,932; Apr. 3.
Panoramic radio receiving system. M. Wallace. 2,367,907; Jan. 23.
Pantee. M. A. Bercaitz. 2,367,328; Jan. 16.
Pantie. M. A. O'Hern. 2,391,641; Dec. 25.
Pantograph for mechanical stencil duplication. E. Herdeck. 2,368,925; Feb. 6.
Pantothenamide and preparing them, Double salts of. M. B. Moore. 2,369,839; Feb. 20.
Pantothenic acid and the salts thereof, Manufacture of. O. Schnider. 2,377,814; June 5.
Pantothenic acid, Production of. S. H. Babcock, Jr. 2,375,885; May 15.
Panty, Lady's. M. Goodman and D. Lance. 2,382,477; Aug. 14.
Paper and board, Manufacturing. L. M. Booth. 2,368,635; Feb. 6.
Paper and ink therefor, Safety. B. W. Smith. 2,380,195; July 10.
Paper and making the same, Metallized. H. Sträb. 2,367,152; Jan. 9.
Paper and manufacturing same. A. B. Cummins and C. J. O'Neil. 2,378,193; June 12.
Paper article and forming it. C. W. Goodwin. 2,368,920; Feb. 6.
Paperboard bodies for tubular containers, Method and apparatus for producing collapsible. H. A. Wansker. 2,376,839; May 22.
Paperboard container or the like. E. J. DeHaven. 2,366,602; Jan. 2.
Paper, Coated. F. H. Manchester. 2,386,700; Oct. 9.
Paper, Coating. W. W. Herrick. 2,375,360; May 8.
Paper, Coating. C. Paxton and T. H. Vail. 2,388,339; Nov. 6.
Paper, Coating. G. M. Powell, III, and W. H. McKnight. 2,391,621; Dec. 25.
Paper-coating composition. C. W. Stewart. 2,370,268; Feb. 27.

Paper coating composition and making. E. G. Bennett. 2,369,427; Feb. 13.
Paper-coating composition and making same. G. Witty. 2,369,766; Feb. 20.
Paper coating device. W. F. Thiele and W. E. Beadle, Sr. 2,369,378; Feb. 13.
Paper container. H. Carew. 2,378,750; June 19.
Paper container structure and end closure therefor. J. H. O'Neil. 2,391,337; Dec. 18.
Paper container. F. R. Cookston. 2,376,904; May 29.
Paper currency. C. G. Dowd. 2,384,667; Sept. 11.
Paper-cutting machine. F. D. McLaughlin. 2,379,171; June 26.
Paper dispenser. H. M. Herman. 2,372,421; Mar. 27.
Paper dispenser. K. Tator and G. Holmgren. 2,390,399; Dec. 4.
Paper elevating device for printing machines. G. Babicz. 2,381,713; Aug. 7.
Paper fastener. J. C. Brown. 2,371,800; Mar. 20.
Paper feed device. B. Cooper. 2,368,001; Jan. 23.
Paper feeding apparatus. R. J. Thompson. 2,387,954; Oct. 30.
Paper feeding device. G. F. Daly and F. N. Esher. 2,369,441; Feb. 13.
Paper feeding device. I. Ghertman. 2,372,892; Apr. 3.
Paper, Finishing. V. L. Shaw. 2,366,563; Jan. 2.
Paper, Finishing and conditioning of. A. E. Montgomery. Re. 22,593; Jan. 23.
Paper-folding device. J. F. Cronin. 2,370,125; Feb. 27.
Paper for re-use in linoleum manufacture, Treating waxed. H. Burton. 2,368,111; Jan. 30.
Paper for stencil sheets, Manufacture of. I. E. Berkovits. 2,380,718; July 31.
Paper, Grease proof and water repellent. C. A. Hockwalt. 2,380,043; July 10.
Paper handling machine. J. Adrian. 2,385,047; Sept. 18.
Paper handling mechanism for duplicating machines. J. L. Gibson and E. W. Peterson. 2,389,848; Nov. 27.
Paper machine cleaner. D. R. Robbins. 2,366,354; Jan. 2.
Paper, Making. O. Kress, F. Zeitlin, and R. K. Staman. 2,381,600; Aug. 7.
Paper making apparatus. G. S. Witham. 2,388,627; Nov. 6.
Papermaking machine. L. Hornbostel. 2,367,778; Jan. 23.
Paper making machine, Multicouch roll. E. E. Berry and L. Hornbostel. 2,369,653; Feb. 20.
Paper making machine press roll assembly. E. W. Clem and G. E. Winter. 2,390,692; Dec. 11.
Paper manufacture. H. C. Fisher and J. F. Thompson. 2,369,450; Feb. 13.
Paper manufacture. C. R. Van de Carr, Jr. 2,378,113; June 12.
Paper, Manufacture of. M. A. Goldman. 2,389,254; Nov. 20.
Paper, Manufacture of antioxygenic. S. Musher. 2,377,359; June 5.
Paper, Manufacturing identifiable. M. S. Kantrowitz and E. J. Gosnell. 2,379,443; July 3.
Paper mill affluent, Treatment of. P. Hodges. 2,382,010; Aug. 14.
Paper, Moistureproofed kraft. H. R. Thies and C. M. Carson. 2,370,090; Feb. 20.
Paper, Moistureproofing. R. W. Quarles and A. K. Doolittle. 2,391,620; Dec. 25.
Paper of good wet strength, Manufacture of. K. J. MacKenzie and R. S. Bryce. 2,384,632; Sept. 11.
Paper picker. M. G. Donaldson. 2,367,105; Jan. 9.
Paper pulping apparatus. H. D. Martindale. 2,384,326; Sept. 4.
Paper receptacle. S. H. Berch. 2,369,654; Feb. 20.
Paper roll dispenser. R. D. Budlong. 2,379,275; June 26.
Paper roll holder. E. J. Hill and L. A. Smith. 2,372,949; Apr. 3.
Paper roll holder. H. R. Stott. 2,370,821; Mar. 6.
Paper roll rack. F. Mellor. 2,381,303; Aug. 7.
Paper roll supporting rack. E. Palmer 2,391,265; Dec. 18.
Paper rolls, Abrasive. H. Mock. 2,383,879; Aug. 28.
Paper, Safety. A. Schroth. 2,378,585; June 19.
Paper, Safety record. B. J. Staneslow. 2,382,828; Aug. 14.
Paper screw cap. C. W. Goodwin. 2,382,873; Aug. 14.
Paper stock, Treating sized. V. L. Shaw. 2,366,564. Jan. 2.
Paper strips, Method and apparatus for the continuous production of. P. Dunsheath. 2,369,221; Feb. 13.
Paper stock, Treating. J. C. Dean and R. T. Edwards. 2,390,695; Dec. 11.
Paper through blue-print machines, Threading. H. J. Brunk. 2,379,339; June 26.
Paper, Transparentizing. J. G. Little. 2,383,660; Aug 28.
Papers, Conductive. B. L. Kline and C. E. Mobius. 2,374,214; Apr. 24.
Parachute. R. De Lopez. 2,369,286; Feb. 13.
Parachute. F. M. Derry. 2,384,416; Sept. 4.
Parachute. J. F. Kokoska. 2,377,502; June 5.
Parachute. F. E. Monks. 2,391,262; Dec. 18.
Parachute. A. R. Nailor. 2,384,127; Sept. 4.
Parachute apparatus. R. H. Hart. 2,369,458; Feb. 13.
Parachute canopy. F. G. Manson and J. J. Maskey. 2,384,187; Sept. 4.

Parachute construction. P. F. Smith. 2,379,758; July 3.
Parachute harness. C. E. Ashton. 2,388,379; Nov. 6.
Parachute harness. H. W. Kjellson. 2,370,357; Feb. 27.
Parachute pack. J. R. C. Quilter. 2,387,350; Oct. 23.
Parachute pack. J. R. C. Quilter. 2,389,578; Nov. 20.
Parachute release. J. L. De Freitas. 2,373,386; Apr. 10.
Parachute release. J. D. Forbes. 2,371,814; Mar. 20.
Parachute release. J. W. Irby. 2,383,485; Aug. 28.
Parachute, Toy. G. J. Grossman. 2,375,844; May 15.
Parachute with variable surface. G. Lisi. 2,371,898; Mar. 20.
Parachutes for packing, storage, and use, Preparing. H. Wilson. 2,386,829; Oct. 16.
Para-divinylbenzene, Production of. C. A. Hochwalt. 2,390,368; Dec. 4.
Paraffin alkylation. F. E. Frey. 2,366,716; Jan. 9.
Paraffin deposits in oil wells, Preventing. E. F. Price. 2,368,777; Feb. 6.
Paraffin hydrocarbons. Alkylation of branched chain. R. J. Newman. 2,382,899; Aug. 14.
Paraffin isomerization process. R. B. Mason. 2,378,782; June 19.
Paraffins, Production of tertiary. O. H. Dawson. 2,389,598; Nov. 27.
Parallel arrangement of geiger-muller counters. H. Friedman. 2,383,477; Aug. 28.
Parasiticidal compositions. G. E. Lynn and F. W. Fletcher. 2,378,309; June 12.
Parasiticidal preparations. E. C. Ladd. Re. 22,597; Jan. 30.
Parasiticidal preparations. E. C. Ladd. 2,368,667; Feb. 6.
Parasiticidal preparations. E. C. Ladd. 2,379,723; July 3.
Parasiticidal preparations. W. P. Ter Horst. 2,378,597; June 19.
Parasiticides. F. B. Smith and J. N. Hansen. 2,367,534; Jan. 16.
Parasol. B. B. Levine. 2,390,952; Dec. 11.
Parcel carrier. E. Borbé. 2,374,645; May 1.
Paring attachment. F. J. Polasik. 2,376,451; May 22.
Parenteral administration set. J. E. B. Shaw. 2,367,806; Jan. 23.
Parimutuel system. C. Smith. 2,389,823; Nov. 27.
Parking indicator. J. Hickey. 2,389,908; Nov. 27.
Parking time indicator. H. P. Compton. 2,369,717; Feb. 20.
Parking vehicle art and apparatus. R. E. Whitmore. 2,387,312; Oct. 23.
Part for knitting machines. D. G. Scrantom. 2,381,370; Aug. 7.
Particle size determination. P. R. Kalischer. 2,379,158; June 26.
Particles, Charging suspended. H. J. White. 2,377,391; June 5.
Parting agent in cellular glass manufacture. W. D. Ford. 2,377,076; May 29.
Partition, Knockdown office. J. M. Kaufman. 2,371,300; Mar. 13.
Partition structure. G. W. Baker. 2,381,635; Aug. 7.
Partition structure. W. M. Goldsmith. 2,387,389; Oct. 23.
Partition structure for trucks. C. H. McCurdy. 2,390,606; Dec. 11.
Partitioned bottle carrier. A. Wesselman. 2,375,056; May 1.
Pass system. E. P. Camps. 2,366,436; Jan. 2.
Passenger propelled wheel chair. A. G. I. M. Kelley. 2,368,142; Jan. 30.
Paste for sealing threaded joints and like parts, Anti-seizing. A. L. Parker. 2,391,504; Dec. 25.
Paste or cream dispenser. L. J. Songer. 2,376,944; May 29.
Paste, Textile printing. N. S. Cassel. 2,376,319; May 15.
Pasteurizing apparatus. C. B. Dalzell and R. J. Neely. 2,371,807; Mar. 20.
Pasting machine, Grid. G. A. Donath. 2,382,367; Aug. 14.
Pastry products, Making. L. J. Harriss and B. Lambers. 2,377,936; June 12.
Patch pocket, Frame. D. J. Brangaccio. 2,369,208; Feb. 13.
Patent leather. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,395; Oct. 23.
Pattern chain for knitting machines and the like. S. C. Doughty. 2,388,311; Nov. 6.
Pattern effects on fabrics, Producing. G. Heberlein and E. Weiss. 2,382,416; Aug. 14.
Pattern stripper for foundry plants. E. H. Whittaker. 2,366,582; Jan. 2.
Patterns for glide paths, Controlling horizontal. A. G. Kandoian. 2,383,489; Aug. 28.
Pavement finishing machine. E. H. Lichtenberg. 2,374,025; Apr. 17.
Paving. R. R. Colburn. 2,374,732; May 1.
Paving machine. C. W. Pierce. 2,382,096; Aug. 14.
Paving stripping apparatus. H. E. Baker. 2,388,461; Nov. 6.
p-Cymene from a monocyclic terpene, Preparation of. W. Hull. 2,387,794; Oct. 30.
Peat, Winning and preparing. C. A. Friberg. 2,379,570; July 3.
Pectin, Accelerating the alkaline de-esterification of. H. Lineweaver and R. M. McCready. 2,386,323; Oct. 9.

Pectin preparation. A. G. Olsen and E. R. Fehlberg. 2,369,846; Feb. 20.
Pectin, Preparation of. H. S. Bailey. 2,387,635–6; Oct. 23.
Pectin, Preparing. H. T. Leo, C. C. Taylor, and J. W. Lindsey. 2,367,132; Jan. 9.
Pectinous materials, Extracting. W. D. Maclay and J. P. Nielsen. 2,375,376; May 8.
Pedal device, Accelerator. G. A. Rubissow. 2,382,918; Aug. 14.
Pedal drive. J. Wasem. 2,391,809; Dec. 25.
Pedal rod mounting or the like. A. Claud-Mantle. 2,380,218; July 10.
Pedals, Foot control. M. Sklovsky and W. H. Nordenson. 2,383,690; Aug. 28.
Peeler, Lye. L. E. Kibler. 2,391,630; Dec. 25.
Peeling device. L. Oskow. 2,375,489; May 8.
Peeling machine, Bark. G. B. Jones. 2,380,049; July 10.
Peening surfaces. K. W. Connor and J. E. Kline. 2,373,871; Apr. 17.
Peephole box. C. Foster. 2,387,133; Oct. 16.
Pegless line for suspending clothes and fabrics for drying or display. K. M. Varvel. 2,376,948; May 29.
Pellets for sintering, Preparing. J. S. Naratil. 2,391,588; Dec. 25.
Pellets, Hydrogel. M. M. Marisic. 2,384,946; Sept. 18.
Pelorus. C. A. Clark. 2,386,542; Oct. 9.
Pen and fountain attachment therefor. R. E. Scott. 2,367,540; Jan. 16.
Pen and reservoir attachment therefor. C. E. Thurston. 2,367,539; Jan. 16.
Pen, Cartridge fountain. M. Gergely. 2,381,898; Aug. 14.
Pen, Drafting. H. H. Blake, Jr. 2,375,188; May 8.
Pen, Fountain. M. S. Baker. 2,387,001; Oct. 16.
Pen, Fountain. M. Boral. 2,391,385; Dec. 25.
Pen, Fountain. L. A. Brooke. 2,379,421; July 3.
Pen, Fountain. A. O. Dahlberg. 2,375,770; May 15.
Pen, Fountain. E. E. Ejerson. 2,391,557; Dec. 25.
Pen, Fountain. E. E. Kratz. 2,382,070; Aug. 14.
Pen, Fountain. B. F. Reynolds. 2,368,425; Jan. 30.
Penknife. E. J. Savoy. 2,390,964; Dec. 11.
Pen presser bar and producing the same, Fountain. J. W. Para and K. Weisser. 2,377,444; June 5.
Pen, Ruling. R. A. Olivera. 2,367,471; Jan. 16.
Penstock and fabricating penstocks. E. E. Schoessow. 2,391,747; Dec. 25.
Pencil. M. Borsodi. 2,378,973; June 26.
Pencil. J. D. Buchanan. 2,385,329; Sept. 25.
Pencil. H. Hoffman. 2,385,442; Sept. 25.
Pencil-bonded memorandum pad. C. C. Harris. 2,383,858; Aug. 28.
Pencil holder. K. E. Pinkham. 2,366,457; Jan. 2.
Pencil leads and similar articles, Making graphite. H. R. Straight. 2,388,447; Nov. 6.
Pencil, Light. I. T. Jansen. 2,368,839; Feb. 6.
Pencil, Mechanical. J. F. Kupczyk. 2,370,250; Feb. 27.
Pencil pointing device. W. K. Crownfield. 2,378,287; June 12.
Pentaerythritol, Preparation of. G. R. Owens. 2,372,602; Mar. 27.
Pentaerythritol, Producing. R. F. B. Cox. 2,372,555; Mar. 27.
Pentaerythritol, Producing. G. Spiller. 2,373,717; Apr. 17.
Pentaerythritol, Producing. H. M. Spurlin. 2,369,083; Feb. 6.
Pentaerythritol reaction by-product, Purified. I. M. Bernstein and H. J. Lanson. 2,376,224; May 15.
Pentaerythritol, Treatment of. J. E. Bludworth and S. B. Jeffries. 2,386,289; Oct. 9.
Pentoses and process for the manufacture thereof, Triacyl. J. Lee and L. Berger. 2,384,104; Sept. 4.
Pentoses, Manufacture of. J. Lee, U. V. Solmssen, and L. Berger. 2,384,103; Sept. 4.
Peracids, Manufacture of. J. S. Reichert, S. A. McNeight, and A. A. Elston. 2,377,038; May 29.
Perambulator, Folding. L. E. Little. 2,381,066; Aug. 7.
Percarbonates, Organic. F. Strain. 2,370,588; Feb. 27.
Percentage Feeder. F. Keeney. 2,384,176; Sept. 4.
Perchlorination process. T. E. Brown and C. W. Davis. 2,377,669; June 5.
Percolator, Coffee. F. E. Wolcott. 2,387,425; Oct. 23.
Perforating apparatus. G. F. Wales. 2,381,476; Aug. 7.
Perforating apparatus and work placing device for same. G. F. Wales. 2,382,190; Aug. 14.
Perforating device. C. P. Kipp. 2,373,121; Apr. 10.
Perforating machine. E. A. Gubisch. 2,390,435; Dec. 4.
Perforating sheet material, method and apparatus for. I. H. Wilsey and A. E. Neumann. 2,385,246; Sept. 18.
Perforating unit. M. E. Bechtel. 2,379,271; June 26.
Perforator, Gun. G. F. Turechek. 2,380,204; July 10.
Perforator, Multiple. E. Kern. 2,389,105; Nov. 13.
Perforator, Paper. J. G. Lippincott. 2,370,319; Feb. 27.
Perfume dispensing container. L. L. Marohl. 2,385,098; Sept. 18.
Perfume materials. H. van B. Joy and J. B. Rust. 2,373,568; Apr. 10.
Perimeter. W. Feinbloom. 2,374,854; May 1.
Periodical dispenser. J. Tait. 2,380,345; July 10.
Periscope, Welder's. E. E. Burlo. 2,377,671; June 5.
Periscopic viewing and sighting device. H. A. Husted. 2,381,909; Aug. 14.
Permanent magnet holding device. F. L. Simmons. 2,390,743; Dec. 11.
Permanent wave accessory. C. R. Garrison. 2,374,860; May 1.
Permeability of earth formations, Determining. P. J. Lehnhard, Jr. 2,376,878; May 29.
Peroxide and making same, Anhydrous hydrogen. N. I. Levitan and R. Kuoch. 2,386,484; Oct. 9.
Peroxide, Organic. F. Strain. 2,374,789; May 1.
Peroxides, Recovery of organic. F. F. Rust. 2,383,919; Aug. 28.
Pest control. A. L. Flenner and F. H. Kaufert. 2,369,959; Feb. 20.
Pest control. H. G. Guy. 2,377,626; June 5.
Pest control. G. E. Holbrook and F. H. Kaufert. 2,374,999; May 1.
Pest control. C. A. Littler. 2,387,336; Oct. 23.
Pest control. T. G. Roehner. 2,370,881; Mar. 6.
Pest control. S. D. Wilkins. 2,369,097; Feb. 6.
Petrolatum, Refining crude. J. D. Morgan and A. R. Blakey. 2,387,171; Oct. 16.
Petroleum acid sludges, Concentration of. F. A. Ferguson. 2,379,224; June 26.
Petroleum conversion process. C. E. Hemminger. 2,388,055; Oct. 30.
Petroleum conversion process. H. J. Ogorzaly. 2,391,336; Dec. 18.
Petroleum, Cracking. W. C. Dorsett, C. C. Sperling, and O. C. Walker. 2,378,067; June 12.
Petroleum distillate containing undesirable sulphur compounds, Treatment of light. F. A. Apgar. 2,367,178; Jan. 16.
Petroleum emulsions, Breaking. M. De Groote. 2,375,534–9; May 8.
Petroleum emulsions, Breaking. M. De Groote. 2,390,081–3; Dec. 4.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,372,254–9; Mar. 27.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,373,102; Apr. 10.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,373,174; Apr. 10.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,390,078–80; Dec. 4.
Petroleum emulsions, Electrical dehydration of. W. Deutsch. 2,382,697; Aug. 14.
Petroleum exploration. J. G. Campbell and R. H. Fash. 2,367,664; Jan. 23.
Petroleum hydrocarbons, Stabilization of. F. B. Downing and C. J. Pedersen. 2,373,021; Apr. 3.
Petroleum hydrocarbons, Stabilization of. C. J. Pedersen and R. O. Bender. 2,382,905–6; Aug. 14.
Petroleum hydrocarbons, Treating. A. N. Wojciekunas and J. Faller, Jr. 2,367,081; Jan. 9.
Petroleum oil, Stabilizing a. G. E. Phillips. 2,388,076; Oct. 30.
Petroleum, Producing. P. D. Barton and P. F. Dougherty. 2,390,770; Dec. 11.
Petroleum products, Emulsified. R. M. Koppenhoefer. 2,387,157; Oct. 16.
Petroleum products, Toxicant. V. L. Shipp, A. C. Pabst, and R. B. Killingsworth. 2,374,387; Apr. 24.
Petroleum well fluids, Desalting. J. P. Walker. 2,384,222; Sept. 4.
Pharmaceutical dispensing device. W. A. Nosik. 2,371,774; Mar. 20.
Pharmaceutical preparation and preparing the same, Stable packaged. V. Kitter. 2,380,970; Aug. 7.
Pharmaceutical preparations possessing surface-active properties. H. Engelhard and W. Petri. 2,375,905; May 15.
Pharmaceutical use and improvements in a method for preparing these products, Products for. H. Hirschmann. 2,370,903; Mar. 6.
Pharmaceuticals, Treatment of. C. L. Barthen, J. B. Peterson, and L. A. McClintock. 2,386,157; Oct. 2.
Phase angle indicator. J. E. Shepherd. 2,370,692; Mar. 6.
Phase inverter circuit. J. E. Smith. 2,383,351; Aug. 21.
Phasemeter, Direct reading. E. Labin. 2,368,551; Jan. 30.
Phase modulation receiver. M. G. Crosby. 2,376,125; May 15.
Phase modulation receiving system. B. Trevor. 2,391,807; Dec. 25.
Phase modulator. M. G. Crosby. 2,374,000; Apr. 17.
Phase shifter. K. G. Jansky. 2,390,884; Dec. 11.
Phase shifter. J. E. Shepherd. 2,376,392; May 22.
Phase shifting system. R. E. Mathes. 2,371,905; Mar. 20.
Phenol ethers and products produced thereby, Treating. W. F. Schaufelberger. 2,386,719; Oct. 9.
Phenol-formaldehyde resin and polyamide composition. G. T. Vaala. 2,378,667; June 19.
Phenol-formaldehyde resin coating compositions, Rosin-modified. R. C. Swain and P. Adams. 2,378,366; June 12.
Phenol, Recovery of. W. W. Moyer and W. C. Klingelhoefer. 2,367,731; Jan. 23.
Phenolic compounds, Catalytic production of. D. E. Winkler and S. A. Ballard. 2,369,197; Feb. 13.
Phenolic compounds, Production of. P. H. Williams, S. A. Ballard, and T. W. Evans. 2,369,196; Feb. 13.
Phenolic materials. S. P. Cauley and V. L. Shipp. 2,391,128; Dec. 18.

Phenols, Amination of dihydric. F. R. Bean and T. S. Donovan. 2,376,112; May 15.
Phenols from alkaline treating solutions, Recovery of. L. N. Leum, E. R. Birkhimer, and J. H. McCullough. 2,368,931; Feb. 6.
Phenols, Manufacture of. F. Porter. 2,382,944; Aug. 14.
Phenols, Separating. D. B. Luten, Jr., and A. De Benedictis. 2,366,538; Jan. 2.
Phenols, Treatment of. R. E. Schaad. 2,371,550; Mar. 13.
Phenols with sulphite waste liquor, Condensation of. H. Rudy and R. Watzel. 2,385,586; Sept. 25.
Phenylacetylene from styrene, Removing. F. J. Soday. 2,372,525–6. Mar. 27.
Phenyl endoethylene cyclopentanol. H. A. Bruson. 2,385,790; Oct. 2.
Phenylenediamine derivatives, Preparing. H. Von Bramer and L. G. Davy. 2,381,015; Aug. 7.
Phenyl-isopropyl-amines and the manufacture of same, Alkylated. O. B. Schnider. 2,384,700; Sept. 11.
Phenyl-pentachloro-ethane, Preparing. V. Weinmayr. 2,390,629; Dec. 11.
Phone attachment, Sanitary. L. D. Levy. 2,374,024; Apr. 17.
Phonograph. J. J. Antalek. 2,382,461; Aug. 14.
Phonograph. C. W. Dann. 2,380,727; July 31.
Phonograph. E. W. Franck and H. E. Reeves. 2,380,037; July 10.
Phonograph. W. A. Hardy. 2,380,754; July 31.
Phonograph. C. Huenlich. 2,373,960; Apr. 17.
Phonograph. W. H. Hutter. 2,371,522; Mar. 13.
Phonograph. D. C. Rockola, L. E. Dettle, and E. L. Triman. 2,389,327; Nov. 20.
Phonograph. S. Yerkovich, R. H. Sherman, and G. W. Cameron. 2,371,116; Mar. 6.
Phonograph and projector, Combined. L. Lowy. 2,380,250; July 10.
Phonograph, Automatic. J. A. Boyajian. 2,388,595; Nov. 6.
Phonograph, Automatic. C. B. Dale. 2,374,080; Apr. 17.
Phonograph, Automatic. C. G. Johnson. 2,378,086; June 12.
Phonograph, Automatic. M. W. Kenney. 2,391,246; Dec. 18.
Phonograph disk record cabinet. W. H. Price. 2,381,517; Aug. 7.
Phonograph mechanism. J. J. Shively and H. R. Van Deventer. 2,380,799; July 31.
Phonograph pickup. L. J. Bobb. 2,379,782; July 3.
Phonograph pickup. G. Smith. 2,383,994; Sept. 4.
Phonograph pickup arm control mechanism. J. D. Weaver. 2,374,570; Apr. 24.
Phonograph record repeater. A. L. Barnes. 2,369,938; Feb. 20.
Phonograph recorder. C. G. Johnson. 2,375,658; May 8.
Phonograph switch. T. C. Riebe. 2,382,258; Aug. 14.
Phonographic lens. M. A. Durand. 2,383,115; Aug. 21.
Phoriameter, Nine position automatic. M. O. Ranoe. 2,376,554; May 22.
Phosphate catalysts, Revivification of spent. R. C. Tollefson. 2,369,693; Feb. 20.
Phosphate, Defluorinating rock. K. L. Elmore. 2,368,649; Feb. 6.
Phosphate minerals, Flotation of. L. J. Christmann and S. E. Erickson. 2,377,129; May 29.
Phosphate ore materials, Settling of. D. S. Phelps. 2,381,514; Aug. 7.
Phosphatide composition. P. L. Julian and E. W. Meyer. 2,374,681; May 1.
Phosphatide product and making. P. L. Julian, E. W. Meyer, and H. T. Iveson. 2,373,686; Apr. 17.
Phosphonamide. L. A. Hamilton. 2,382,309; Aug. 14.
Phosphoric acid and intermediate products, Production of pure. J. H. Coleman. 2,384,814; Sept. 18.
Phosphoric acid manufacture. M. Shoeld. 2,384,773; Sept. 11.
Phosphoric acid, Manufacture of crude. H. S. Ten Eyck, J. Chocholak, and J. H. Coleman. 2,384,856; Sept. 18.
Phosphoric acid, Manufacture of pure. J. H. Coleman. 2,384,813; Sept. 18.
Phosphorus containing plastic polymers from 1,3-dienes. J. L. Parker. 2,382,812; Aug. 14.
Phosphorus, Oxidizing. G. L. Frear. 2,374,188; Apr. 24.
Photocell and filter combination. M. E. Fogle. 2,382,220; Aug. 14.
Photoengraving. W. S. Marx, Jr. 2,391,025; Dec. 18.
Photoelectric controlling or recording system. R. L. Hood. 2,379,233; June 26.
Photoelectric device. D. E. Henry. 2,374,287; Apr. 24.
Photoelectric exposure control. K. Rath. 2,387,466; Oct. 23.
Photoelectric exposure meter. L. Riszdorfer. 2,378,433; June 19.
Photoelectric safety circuit. W. F. Wolfner, 2d. 2,375,456; May 8.
Photoengraver's plate cooler. E. G. Grubbs. 2,385,073; Sept. 18.
Photoengraving or the like. H. C. Alger. 2,387,048; Oct. 16.
Photoengraving process and screen, Halftone. W. S. Marx, Jr., 2,373,489; Apr. 10.
Photoflash lamp. W. C. Fink. 2,386,672; Oct. 9.
Photoflash lamp. O. W. Hopkinson, Jr., and P. B. Tully. 2,367,583; Jan. 16.
Photogrammetry. M. A. Dresser. 2,367,341; Jan. 16.
Photographic and reproducing apparatus. V. E. Pratt. 2,369,247; Feb. 13.
Photographic apparatus. G. A. Burbridge. 2,373,536; Apr. 10.
Photographic apparatus. W. J. Daly. 2,386,781; Oct. 16.
Photographic apparatus. S. F. Monroe. Re. 22,684; Oct. 23.
Photographic apparatus. L. G. Simjian. 2,386,276; Oct. 9.
Photographic apparatus, Automatic. P. S. Allen. 2,380,378; July 31.
Photographic art. H. D. Russell and L. E. Muehler. 2,378,248; June 12.
Photographic article of manufacture. O. W. Murray. 2,386,167; Oct. 2.
Photographic camera. J. Bolsey. 2,367,195; Jan. 16.
Photographic camera-enlarger. J. Gelb. 2,390,065; Dec. 4.
Photographic coating layer. K. J. Challis. 2,372,935; Apr. 3.
Photographic color correction process. R. M. Evans and W. T. Hanson, Jr. 2,371,746; Mar. 20.
Photographic contact, Printer. E. S. Hineline. 2,371,594; Mar. 13.
Photographic developer. F. R. Bean. 2,388,816; Nov. 13.
Photographic developer. A. L. Bunting. 2,374,921; May 1.
Photographic developers. V. H. Reckmeyer. 2,385,763; Sept. 25.
Photographic developers, Single-powder. F. R. Bean. 2,384,592; Sept. 11.
Photographic developing compositions, Stabilized concentrated. G. A. Dawson. 2,366,496; Jan. 2.
Photographic developing machine. G. C. Garraway. Re. 22,654; July 3.
Photographic device. W. L. Appling. 2,388,240; Nov. 6.
Photographic device. A. H. Gaebel. 2,366,722; Jan. 9.
Photographic devices and appurtenances for reproduction purposes. S. Drucker. 2,388,394; Nov. 6.
Photographic duplicating and projection machine. L. M. Severeid. 2,388,768; Nov. 13.
Photographic element. O. W. Murray. 2,379,373; June 26.
Photographic element and making it. L. V. Chilton. 2,368,287; Jan. 30.
Photographic elements containing polyvinylacetal color formers. G. L. Dorough and D. M. McQueen. 2,380,033; July 10.
Photographic emulsion. B. H. Carroll and J. Spence. 2,380,940; Aug. 7.
Photographic emulsion and making same. R. S. Potter and R. F. Brown. 2,376,005; May 15.
Photographic emulsion, Sensitized. B. H. Carroll and J. Spence. 2,373,659; Apr. 17.
Photographic emulsion, Sensitized. G. E. Fallesen and J. A. Leermakers. 2,378,917; June 26.
Photographic emulsions. W. G. Lowe and W. F. Fowler, Jr. 2,367,511; Jan. 16.
Photographic emulsions, developers, and processes of photography. C. D. Wilson. 2,377,302; May 29.
Photographic emulsions, Developing. E. C. Yackel, J. A. Leermakers, and C. J. Staud. 2,388,894; Nov. 13.
Photographic emulsions layers. M. M. Brubaker. 2,384,072; Sept. 4.
Photographic enlarging machine. H. Hjort. 2,369,897; Feb. 20.
Photographic film, Method of and apparatus for processing. H. W. Houston. 2,386,856; Oct. 16.
Photographic film, Water spot prevention in. L. E. Muchler, C. J. Kunz, and G. T. Eaton. 2,367,516; Jan. 16.
Photographic filter and anti-halation layers. N. Heimbach. 2,390,707; Dec. 11.
Photographic fixing method. J. R. Alburger. 2,387,000; Oct. 16.
Photographic flash lamp. E. O. Kalil and W. E. Gleim. 2,375,742; May 8.
Photographic frame. J. H. Fox. 2,377,487; June 5.
Photographic images by color-development, Production of colored. B. Gluck. 2,387,145; Oct. 16.
Photographic images, Production of color. A. Fröhlich and W. Schneider. 2,366,324; Jan. 2.
Photographic images, Production of color. A. Fröhlich and W. Schneider. 2,376,679; May 22.
Photographic images, Production of color. W. Schneider, A. Frohlich, and G. Neugebauer. 2,376,822; May 22.
Photographic layers of colloidal gums and conditioning such gums for such use, Soluble. F. W. H. Mueller. 2,370,321; Feb. 27.
Photographic marking device. L. C. Greer. 2,377,226; May 29.
Photographic mask, Combination field-evening and color-correction. R. M. Evans and N. D. Miller. 2,384,612; Sept. 11.
Photographic material. B. H. Carroll. 2,384,598; Sept. 11.
Photographic material. L. V. Chilton and D. P. Woosley. 2,366,439; Jan. 2.
Photographic material. J. A. C. Yule. 2,367,551; Jan. 16.
Photographic material and treating same. B. Gáspár. 2,368,463; Jan. 30.

Photographic materials. E. B. Knott. 2,369,469; Feb. 13.
Photographic materials, Light sensitive. P. D. Dreyfuss. 2,368,647; Feb. 6.
Photographic method. L. del Riccio. 2,382,616; Aug. 14.
Photographic multicolor images. W. Schneider. 2,374,505; Apr. 24.
Photographic negative holder. H. F. Stiffler. 2,368,079; Jan. 23.
Photographic numbering machine, Daylight. O. A. Ramey. 2,366,804; Jan. 9.
Photographic objective. M. Reiss. 2,388,869; Nov. 13.
Photographic printer. S. A. Foster. 2,383,785; Aug. 28.
Photographic printing. J. F. Kienninger. 266,267; Jan. 2.
Photographic printing. R. Terraneau and J. L. Stuart. 2,372,346; Mar. 27.
Photographic printing frame. M. Egelman. 2,386,888; Oct. 16.
Photographic printing material. M. P. Schmidt and G. Von Poser. 2,378,583; June 19.
Photographic printing method. B. Gáspár. 2,367,936; Jan. 23.
Photographic process. P. H. Donaldson. 2,377,292; May 29.
Photographic process. K. Smith and R. Zerbst. 2,370,330; Feb. 27.
Photographic processing apparatus. H. Smith, Jr. 2,371,073; Mar. 6.
Photographic recorder. J. W. Bryce. 2,370,615; Mar. 6.
Photographic recording equipment, Filter controlled. E. G. Fassel. 2,372,890; Apr. 3.
Photographic recording equipment, Flight test. G. Burrell. 2,378,182; June 12.
Photographic recording method and equipment. E. G. Fassel. 2,367,673; Jan. 23.
Photographic shutter. B. Gehmlich. 2,387,574; Oct. 23.
Photographic shutter tester. W. E. Merriman and C. F. Nichols. 2,376,162; May 15.
Photographic silver halide emulsions. W. J. Weyerts. 2,367,549; Jan. 16.
Photographic stripping film. J. G. Capstaff, G. F. Nadeau, and C. B. Starch. 2,367,665; Jan. 23.
Photographic stripping film. G. T. Lane. 2,391,171; Dec. 18.
Photographic structure. R. F. Brown. 2,373,289; Apr. 10.
Photographic tone correction mask. F. C. Williams, W. T. Hanson, Jr., and H. F. Ott. 2,384,665; Sept. 11.
Photographic transfer paper. R. E. Holmen and R. A. McGlone. 2,384,093; Sept. 4.
Photographically recording the order of passage of moving objects. L. del Riccio. 2,382,617; Aug. 14.
Photographically recording variable processes, Arrangement for. H. Kaiser. 2,366,194; Jan. 2.
Photographing apparatus, Cinematographic. R. Widmer. 2,376,302; May 15.
Photographs in blue tones, Production of. F. Dersch and N. Heimbach. 2,384,897; Sept. 18.
Photographs or the like, Coloring. J. L. Mariani Piazza. 2,369,476; Feb. 13.
Photography. O. W. Murray. 2,369,171; Feb. 13.
Photography. E. M. Symmes. 2,381,234; Aug. 7.
Photography, and compositions and articles therefor utilizing polymeric color formers, Processes of color. D. M. McQueen. 2,367,036; Jan. 9.
Photography, Color. J. A. Ball and L. Plotin. 2,385,599; Sept. 25.
Photography, Color. H. E. Coote. 2,367,335; Jan. 16.
Photography, Color. B. C. Haskin. 2,374,014–5; Apr. 17.
Photography, Color. P. W. Vittum and E. E. Jelley. 2,378,265; June 12.
Photography, Color. J. R. Weber. 2,376,297; May 15.
Photography, Motion picture. A. Hynd. 2,375,477; May 8.
Photography, Stereoscopic. F. H. Avers and E. C. Krebs. 2,385,183; Sept. 18.
Photomechanical printing surfaces, Production of. E. Zieger. 2,388,107; Oct. 30.
Photomechanical reproduction, Indirect. F. G. Yanes. 2,374,910; May 1.
Photomount and frame, Combined. E. G. Beikirch. 2,381,964; Aug. 14.
Photopolymerization. C. L. Agre. 2,367,660–1; Jan. 23.
Photosensitive materials. D. D. Jacobus and J. R. Bose. 2,375,366; May 8.
Phthalate derivatives, Polymerization. I. E. Muskat. 2,377,095; May 29.
Phthalocyanine dyestuffs to pigmentary form, Conditioning. G. M. O'Neal. 2,367,519; Jan. 16.
Phthalocyanines, Production of chlorinated. A. L. Fox and K. C. Johnson. 2,377,685; June 5.
Physiotherapeutic apparatus. D. J. Alexander. 2,382,841; Aug. 14.
Piano. S. C. Shill. 2,377,582; June 5.
Piano action. W. G. Betz. 2,367,192; Jan. 16.
Piano action, Vertical. C. Farny. 2,383,301; Aug. 21.
Piano construction. J. W. Bethune. 2,387,491; Oct. 23
Pick for loading machines. M. S. Moore. 2,370,369; Feb. 27.
Picker. L. W. Campbell. 2,387,384; Oct. 23.
Picker and joint structure therefor, Loom. O. A. Kottemann. 2,389,157; Nov. 20.
Picker and the manufacture of the same, Box. J. J. Brown. 2,389,952; Nov. 27.
Picker, Corn. J. L. Aasland. 2,389,478; Nov. 20.
Picker stick support. H. Hoeber. 2,379,525; July 3.
Picking machine, Cranberry. A. M. Lobdell. 2,376,260; May 15.
Picking mechanism. W. Hamilton. 2,380,170; July 10.
Picking motion, Adjustable. P. E. Provost. 2,371,354; Mar. 13.
Pickle cutting machine. A. Paradis. 2,373,973; Apr. 17.
Pickling bath and preparing same, Ferrous metal. J. D. Ruys and A. Wachter. 2,382,336; Aug. 14.
Pickling solution. S. F. Urban. 2,367,811; Jan. 23.
Pickup. C. B. McElhoe and G. W. Swartz. 2,388,212; Oct. 30.
Pickup. S. D. Russell. 2,378,107; June 12.
Pickup arm mounting. A. L. Knox and F. Kahl. 2,366,858; Jan. 9.
Pickup construction. R. R. Raney. 2,391,348; Dec. 18.
Pickup device, Glider. W. H. McClure and R. B. Cotton. 2,371,635; Mar. 20.
Pickup device, Phonograph. L. J. Bobb. 2,386,089; Oct. 2.
Pickup for wind instruments, Electrical. A. Johnson. 2,383,553; Aug. 28.
Picture album. W. Szymlek. 2,367,381; Jan. 16.
Picture, Animated wall. F. C. Sagendorf. 2,389,085; Nov. 13.
Picture hanger. F. S. Lapeyre. 2,384,478; Sept. 11.
Picture hanger. C. O. Larson. 2,383,658; Aug. 28.
Picture projecting record. G. E. Musebeck. 2,369,483; Feb. 13.
Picture support. M. Bisheff. 2,366,695; Jan. 9.
Picture support. C. N. Cross. 2,373,873; Apr. 17.
Picture, Three-dimensional. J. T. Armbrust. 2,386,418; Oct. 9.
Picture transmission system. J. C. Barnes. 2,369,206; Feb. 13.
Picture transmitter tube mosaic screen. L. E. Flory. 2,373,752; Apr. 17.
Picture transmitting apparatus. A. V. Bedford. 2,368,096; Jan. 30.
Pie holder. V. E. Reyburn. 2,388,442; Nov. 6.
Pie pan dispenser. L. J. Harriss and B. Lambers. 2,389,905; Nov. 27.
Pie pan lifter. C. G. Bailey. 2,367,991; Jan. 23.
Piercer. T. F. Keys. 2,390,309; Dec. 4.
Piercing tool. E. O. Morton. 2,374,031; Apr. 17.
Piezo-crystal device. H. M. Bach. 2,390,048; Dec. 4.
Piezoelectric apparatus. J. P. Arndt, Jr., W. J. Brown, and A. L. W. Williams. 2,387,108; Oct. 16.
Piezoelectric crystal. R. E. Brooks. 2,388,596; Nov. 6.
Piezoelectric crystal. B. Tenenbaum. 2,377,827; June 5.
Piezoelectric crystal apparatus. I. E. Fair. 2,371,613; Mar. 20.
Piezoelectric crystal holder. H. L. Gordon. 2,380,592; July 31.
Piezoelectric crystal structures, Making. H. F. Fruth. 2,387,141; Oct. 16.
Piezoelectric crystals. Determining the characteristics of. G. J. Holton. 2,374,543; Apr. 24.
Piezoelectric crystals, Making. R. E. Brooks. 2,366,954; Jan. 9.
Piezoelectric device. H. G. Baerwald. 2,373,445; Apr. 10.
Piezoelectric device. H. von Beckerath. 2,385,986; Oct. 2.
Piezo-electric device. R. W. Tibbetts. 2,386,279; Oct. 9.
Pig racing apparatus. L. F. Buck. 2,376,028; May 15.
Pigment. F. B. Rethwisch and G. M. Babcock. 2,378,432; June 19.
Pigment composition, Fluorescent sulphide. J. F. Dreyer. 2,385,615; Sept. 25.
Pigment dispersions. P. B. Evans and W. E. Scott. 2,379,070; June 26.
Pigment paste from the water pulp color, Manufacture of a. C. A. Osborne. 2,378,786; June 19.
Pigment preparation. F. W. Gage and P. J. Gegner. 2,374,741; May 1.
Pigment, Production of a highly disperse. W. Müller and L. Spies. 2,378,572; June 19.
Pigment production, Titanium oxide. J. H. Peterson. 2,369,246; Feb. 13.
Pigment, Testing a. J. K. Wise. 2,385,560; Sept. 25.
Pigmentary materials, Preparation of. A. T. McCord and H. F. Saunders. 2,379,019; June 26.
Pigmentation of finely divided plastics. J. D. Jenkins. 2,379,237; June 26.
Pigmenting compositions for textile fabric. P. L. Meunier. 2,377,709; June 5.
Pigments and making the same. C. D. Downs and H. F. Saunders. 2,386,885; Oct. 16.
Pigments and making the same, Composite titanium dioxide. F. L. Kingsbury, S. S. Cole, and W. B. Anderson. 2,369,468; Feb. 13.
Pigments and paints and making same. L. E. Barton. 2,391,118; Dec. 18.
Pigments and products made therewith, Manufacture of. H. R. Rafton. 2,385,379; Sept. 25.
Pigments, Dispersing. R. G. Brown and R. R. Roberts. 2,379,678; July 3.
Pigments, Iron. V. C. Vesce. 2,384,579; Sept. 11.
Pigments, Making. J. C. Heckman. 2,366,855; Jan. 9.

Pigments, Making phthalocyanine. V. A. Giabalvo. 2,375,780; May 15.
Pigments, Manufacture of phthalocyanine. W. B. Reynolds and S. A. Scully. 2,382,441; Aug. 14.
Pigments, Porphine. S. A. Loukomsky and H. T. Lacey. 2,375,120; May 1.
Pigments, Titanium dioxide. D. W. Robertson. 2,378,790; June 19.
Pigskin articles, Method and apparatus for producing imitation. S. A. Richardson. 2,372,517; Mar. 27.
Pile cap. W. N. Swarthout. 2,390,625; Dec. 11.
Pile cap. J. H. Thornley. 2,377,055; May 29.
Pile casing. A. Hood. 2,391,828; Dec. 25.
Pile, Electric regulator. A. H. Chilton. 2,374,416; Apr. 24.
Pile fabric. E. J. Jacob. 2,381,218; Aug. 7.
Pile fabrics, Method and apparatus for making. W. H. King. 2,376,922; May 29.
Pile fabrics and loom used in the production thereof, Producing double faced. R. G. Kavanagh. 2,391,835; Dec. 25.
Pile fabrics, Production of. T. A. Brown. 2,388,465; Nov. 6.
Pile protector. T. P. Lane. 2,385,869; Oct. 2.
Pile shell, Sectional. A. C. Titcomb and M. D. Cronan. 2,371,784; Mar. 20.
Piler, Kier. R. W. Vose. 2,386,371; Oct. 9.
Piling and loading machine. H. Barras. 2,375,205; May 8.
Pillow. E. Schmid. 2,373,422; Apr. 10.
Pilot enclosure. E. F. Burton and A. B. Rogers, Sr. 2,385,684; Sept. 25.
Pilot finder, Variable speed-and-direction operated. O. S. Carliss and C. G. Roper. 2,391,123; Dec. 18.
Pilot for aircraft, Automatic. T. W. Kenyon. 2,373,315; Apr. 10.
Pilot for aircraft, Homing auto. B. G. Carlson. 2,372,184; Mar. 27.
Pilot for gas heaters, Safety. E. R. Koppel. 2,384,114; Sept. 4.
Pilot instructing device. H. B. Grow. 2,389,359; Nov. 20.
Pilot relaying system. M. A. Bostwick. 2,376,752; May 22.
Pilot, Tubular. B. Hayter. 2,373,310; Apr. 10.
Pilot with automatic banking, Aircraft automatic. C. A. Frische and G. N. Hanson. 2,380,425; July 31.
Pin: *See*—
Lap pin.
Locking pin.
Plastic bobby pin.
Safety clasp pin.
Safety mine car coupling pin.
Safety pin.
Trailer coupling pin.
Pin and lock. V. H. Harbert. 2,379,296; June 26.
Pin for temporary fastening of buttons. T. Stumpf. 2,370,696; Mar. 6.
Pin handling machine. J. J. Carr. 2,369,660; Feb. 20.
Pin or the like, Fastening. J. C. Lang. 2,377,086; May 29.
Pin setter, Bowling. H. J. Luth, S. R. Krupnick, and R. H. Hansen, Jr. 2,380,601; July 31.
Pin setter for bowling alleys. R. E. Rundell. 2,388,709; Nov. 13.
Pin setting mechanism for bowling alleys. L. W. Bates. 2,388,708; Nov. 13.
Pin tumbling lock. F. Schori. 2,379,040; June 26.
Pincer lifting clamp. F. H. H. Foss. 2,367,766; Jan. 23.
Pinch roll assembly. E. H. Cooper. 2,367,201; Jan. 16.
Pinch type bending roll. J. C. Rose and G. E. Stankey. 2,390,274; Dec. 4.
Pine tar, Treating crude. W. C. Smith. 2,379,662; July 3.
Pinene to camphene, Isomerization of. W. J. Kirkpatrick. 2,385,711; Sept. 25.
Pinning machine. M. Menchaca. 2,378,423; June 19.
Pins and the like, Making grooved. F. W. Braendel and C. C. Richards. 2,376,335; May 22.
Pins and the like, Making grooved. F. W. Braendel and C. C. Richards. 2,376,654; May 22.
Pipe: *See*—
Air-cooled smoking pipe.
Boiler steam baffling and dry pipe.
Smoker's pipe.
Smoking pipe.
Tobacco pipe.
Pipe. F. W. Gans. 2,378,400; June 19.
Pipe. D. C. McCutcheon. 2,370,676; Mar. 6.
Pipe and making same, Reinforced concrete. P. R. Hirsh. 2,375,921; May 15.
Pipe and making same, Smoking. J. A. Donnelly. 2,373,296; Apr. 10.
Pipe and rod bending machine. W. A. Geppelt. 2,373,822; Apr. 17.
Pipe and tube, Brass. R. A. Wilkins. 2,369,813; Feb. 20.
Pipe assembly, Smoke. G. S. Blome. 2,372,707; Apr. 3.
Pipe bender. J. W. Lewin. 2,381,064; Aug. 7.
Pipe bender. S. Mandl. 2,375,310; May 8.
Pipe bending equipment. J. R. Horrigan. 2,371,393; Mar. 13.
Pipe clamping device. O. Staff. 2,388,371; Nov. 6.
Pipe, Coating. F. W. Focha. 2,377,220; May 29.
Pipe coating apparatus. A. G. Perkins. 2,373,638; Apr. 10.
Pipe coating apparatus and method. D. A. Cumfer. 2,371,224; Mar. 13.
Pipe connection. J. Slezak. 2,385,425; Sept. 25.
Pipe coupling. C. R. Jeffreys. 2,376,058; May 15.
Pipe coupling. A. A. McCormack. 2,390,892; Dec. 11.
Pipe coupling. G. K. Newell. 2,385,156; Sept. 18.
Pipe coupling. W. T. Prowd. 2,388,179; Oct. 30.
Pipe coupling. E. W. Rembert. 2,379,990; July 10.
Pipe coupling. C. M. Roe. 2,387,410; Oct. 23.
Pipe cutter. L. J. Pavey. 2,379,177; June 26.
Pipe-cutting machine. J. F. Fall. 2,379,630; July 3.
Pipe-cutting machine. G. J. Lovers and T. Karan. 2,383,607; Aug. 28.
Pipe-cutting machine. F. W. Nation. 2,384,128; Sept. 4.
Pipe-cutting machine. M. C. Smotzer. 2,389,463; Nov. 20.
Pipe-cutting tool. J. B. Gill and T. L. Smith. 2,381,156; Aug. 7.
Pipe fittings, Making. A. Mueller. 2,391,332; Dec. 18.
Pipe hanger system. W. F. Bach. 2,375,513; May 8.
Pipe joint. J. B. Graham. 2,380,690; July 31.
Pipe joint. J. L. Ray. 2,375,494; May 8.
Pipe joint. H. W. Sanford. 2,374,138; Apr. 17.
Pipe joint. W. E. Winn. 2,391,761; Dec. 25.
Pipe line construction, Reinforced concrete. J. L. Stuart and O. Von Voigtlander. 2,378,593; June 19.
Pipe line filter. F. J. Morgan. 2,372,445; Mar. 27.
Pipe lines, Treating. L. F. Scherer and J. A. South. 2,382,262; Aug. 14.
Pipe making machine, Concrete. J. N. Kristich. Re. 22,619; Mar. 13.
Pipe, Manufacture of bell-end. R. L. Barbehenn. 2,383,582; Aug. 28.
Pipe, Method and apparatus for electrically forming. S. Westin. 2,374,794; May 1.
Pipe or tube coupling. T. R. Smith. 2,383,692; Aug. 28.
Pipe, Reconditioning drill. W. A. Abegg. 2,378,525; June 19.
Pipe sections, Joining. A. C. Fischer. 2,368,610; Jan. 30.
Pipe, Smoking. J. B. Giern. 2,382,627; Aug. 14.
Pipe systems, Clearing. M. Russell. 2,371,188; Mar. 13.
Pipe thawing device. J. W. Simon. 2,382,512; Aug. 14.
Pipe union. R. M. Lilly. 2,366,798; Jan. 9.
Pipe-welding, Pressure. A. L. Forbes. 2,376,765; May 22.
Pipe wrapping and method and apparatus for applying same. D. Bronson. 2,377,608; June 5.
Pipe wrench. F. W. Davis. 2,374,423; Apr. 24.
Pipe wrench. E. H. Legg. 2,374,603; Apr. 24.
Piperylene, Chlorination of. F. J. Soday. 2,374,711; May 1.
Piperylene-olefine mixtures and products obtained therefrom, Polymerization of. F. J. Soday. 2,374,242; Apr. 24.
Pipes and the like, Detecting flaws in. P. L. Kirk and R. Q. Boyer. 2,371,176; Mar. 13.
Pipes, Curing asbestos-cement. J. A. Cann. 2,377,480; June 5.
Pipes, Machine for producing. J. Ferla. 2,374,086; Apr. 17.
Pipette. D. J. Cohn. 2,376,231; May 15.
Pippettes and the like, Method and apparatus for treating. J. Tannenberg. 2,366,369; Jan. 2.
Piston. I. E. Aske. 2,390,343; Dec. 4.
Piston. J. Barraja-Frauenfelder and O. G. Schrom. 2,372,050; Mar. 20.
Piston. A. L. Bayles. 2,390,915; Dec. 11.
Piston. A. P. Cary. 2,367,185; Jan. 16.
Piston. R. M. Douglas and R. S. Huyck. 2,386,668; Oct. 9.
Piston. H. H. Freeman. 2,378,076; June 12.
Piston. E. W. Kettering. 2,379,359; June 26.
Piston. V. T. Moore. 2,388,363; Nov. 6.
Piston. A. V. Nicolle. 2,373,493; Apr. 10.
Piston. A. C. Notturno. 2,369,792; Feb. 20.
Piston. A. Townhill. 2,377,463; June 5.
Piston and cylinder construction. F. W. Gay. 2,384,247; Sept. 4.
Piston and cylinder construction. H. C. Heiskell. 2,372,492; Mar. 27.
Piston and piston ring. H. B. Johnston. 2,376,147–8; May 15.
Piston and ring construction. C. E. Hastings. 2,390,586; Dec. 11.
Piston, Band controlled. A. Townhill. 2,373,518; Apr. 10.
Piston cleaning apparatus. C. A. Stine. 2,376,945; May 29.
Piston connection. R. G. Anderson. 2,387,634; Oct. 23.
Piston construction. B. Dick. 2,370,942; Mar. 6.
Piston construction. O. Krastel. 2,388,422; Nov. 6.
Piston construction. J. B. Reilly. 2,377,039; May 29.
Piston construction, Engine. R. M. Hvid. 2,386,117; Oct. 2.
Piston construction, packing. A. Procter. 2,387,181; Oct. 16.
Piston cooling. E. Waeber. 2,369,500; Feb. 13.
Piston, Engine. J. E. Herron. 2,384,305; Sept. 4.
Piston, Engine cooled. G. L. Moore. 2,369,906; Feb. 20.
Piston expander. C. Melidoni. 2,390,845; Dec. 11.
Piston expander. D. M. Smith. 2,381,699; Aug. 7.
Piston expanding machine. A. J. Davis. 2,379,627; July 3.
Piston for gas engines, Adjustable. R. F. White. 2,385,120; Sept. 18.
Piston for internal-combustion engines. R. M. Hall. 2,380,907; July 31.
Piston for internal-combustion engines, Flexible. P. S. Webster. 2,376,214; May 15.
Piston for two-stroke internal-combustion engine. H. Lieberherr. 2,381,065; Aug. 7.

Piston, Internal combustion engine. G. L. Moore. 2,369,907; Feb. 20.
Piston, Multiface. E. R. Dailey. 2,388,781; Nov. 13.
Piston packing. D. M. Smith. 2,383,825; Aug. 28.
Piston ring. T. A. Bowers. 2,390,044; Dec. 4.
Piston ring. E. J. Conrad. 2,391,134; Dec. 18.
Piston ring. C. F. Engelhardt. 2,380,421; July 31.
Piston ring. C. F. Engelhardt. 2,389,141; Nov. 20.
Piston ring. E. A. Koether. 2,380,767; July 31.
Piston ring. H. P. Phillips. 2,372,979; Apr. 3.
Piston ring. H. P. Phillips. 2,387,854–5; Oct. 30.
Piston ring. M. O. Teetor. 2,369,263; Feb. 13.
Piston ring chamfering machine. H. M. Scarff. 2,373,344; Apr. 10.
Piston ring clamping device. H. M. Scarff. 2,388,871; Nov. 13.
Piston ring manufacture. P. S. Lane and D. Hamm. 2,380,654; July 31.
Piston ring structure. T. E. McFall and O. Norton. 2,387,084; Oct. 16.
Piston rings, Electrolytic process of making. H. Van der Horst. 2,367,159; Jan. 9.
Piston rings, Manufacturing. H. M. Bramberry. 2,390,417; Dec. 4.
Piston rod packing assembly, Pump. A. R. Maier. 2,390,602; Dec. 11.
Piston sealing means. B. Dick. 2,383,959; Sept. 4.
Piston, Self-aligning. J. E. Beckwith. 2,390,289; Dec. 4.
Piston structure. F. F. Chamlee. 2,384,533; Sept. 11.
Pitch. D. A. Lister. 2,374,491; Apr. 24.
Pitch-change mechanism for dual rotation propellers, Controllable. H. M. McCoy. 2,367,230; Jan. 16.
Pitch change mechanism for dual rotation propellers, Controllable. H. M. McCoy. 2,389,161; Nov. 20.
Pitch changing mechanism, Hydraulically operated. H. H. Roby. 2,371,187; Mar. 13.
Pitch control device, Automatic propeller. P. R. Lea. 2,382,072; Aug. 14.
Pitch control for helicopter blades. T. O. Brown. 2,378,381; June 19.
Pitch measuring device, Propeller blade. T. J. Whitechester. 2,383,527; Aug. 28.
Pitch propeller control, Variable. C. F. Kettering. 2,377,633; June 5.
Pitot-static air-speed indicator. K. L. Woodman. 2,370,102; Feb. 20.
Pitot static air speed indicator. K. L. Woodman and E. O. Morton. 2,381,327; Aug. 7.
Pitter, Continuous peach. P. Jepson. 2,380,530; July 31.
Pitter, Continuous peach. A. R. Thompson. 2,376,526; May 22.
Pitting machine. G. W. Asjlock, Jr. 2,388,814; Nov. 13.
Pivot for gravity meters. D. H. Clewell. 2,372,252; Mar. 27.
Pivot polisher. V. L. Emanuel. 2,375,092; May 1.
Pivotal mounting. I. E. Coffey. 2,369,535; Feb. 13.
Planchette. J. W. Sloper. 2,381,933; Aug. 14.
Plane, Wood. H. H. Benn. 2,371,946; Mar. 20.
Plane, Wood. H. H. Benn. 2,383,841; Aug. 28.
Planer gauge. L. H. Dierking. 2,372,368; Mar. 27.
Planer, High-speed. W. Rossmanith. 2,387,612; Oct. 23.
Planing machines, Concrete. G. F. Crock. 2,386,662; Oct. 9.
Planishing hammer support. E. J. Seiden. 2,372,021; Mar. 20.
Plank, Fiber. A. Elmendorf; 2,377,484; June 5.
Planking set. K. G. Ausland. 2,371,730; Mar. 20.
Plant, Aircraft power. A. J. Falardeau. 2,368,755; Feb. 6.
Plant, Electric wind. J. R. Albers. 2,388,377; Nov. 6.
Plant extracts, Producing. O. Gisvold. 2,382,475; Aug. 14.
Plant, Fertilizer mixing and distributing. W. J. Sackett. 2,370,077; Feb. 20.
Plant for aircraft, Auxiliary steam. N. C. Price. 2,379,183; June 26.
Plant for cleaning articles smeared with oil, greases, or the like. A. Helfenstein. 2,369,050; Feb. 6.
Plant for vibrating screens, Power. L. G. Symons. 2,367,070; Jan. 9.
Plant growth stimulant. S. B. Mecca. 2,382,326; Aug. 14.
Plant, Heating. A. Ackron. 2,378,376; June 19.
Plant, Power. H. H. Spencer. 2,386,638; Oct. 9.
Plant support. L. Malicay. 2,383,665; Aug. 28.
Plant topper, Bulbous. A. Freisinger, Jr. 2,366,446; Jan. 2.
Plant, Treating. E. W. Shallock. 2,379,380; June 26.
Plant treatment composition. J. H. Davidson. 2,380,416; July 31.
Planter. C. C. Haas. 2,368,134; Jan. 30.
Planter. J. W. Orendorff. 2,383,413; Aug. 21.
Planter. H. P. Smith. 2,376,559; May 22.
Planter. H. R. Traphagen. 2,390,969; Dec. 11.
Planter. C. H. White. 2,376,464; May 22.
Planter. C. H. White. 2,385,668; Sept. 25.
Planter, Power lift. H. R. Traphagen. 2,390,968; Dec. 11.
Planter, Seed. E. E. England. 2,371,037; Mar. 6.
Planter, Seed. C. W. Lanham. 2,379,724; July 3.
Planter, Two-depth seed. B. M. Deavenport. 2,366,389; Jan. 2.
Planting machine. J. C. Renault. 2,372,739; Apr. 3.
Planting spacer for flats. A. T. Groth. 2,382,221; Aug. 14.
Plants, Killing. G. E. Lynn and B. J. Thiegs. 2,378,716; June 19.
Plaque, Casket. J. G. Meadows. 2,389,447; Nov. 20.
Plaster body and making. X. Bean. 2,391,855; Dec. 25.
Plaster cast remover. J. Castro. 2,374,164; Apr. 24.
Plaster casts, Preparing. G. A. Hoggatt. 2,388,543; Nov. 6.
Plaster partition construction. A. C. Olsen. 2,387,342; Oct. 23.
Plaster retarder, Making. H. N. Huntzicker. 2,383,252; Aug. 21.
Plaster, Self-opening, sound-absorbing. T. G. Gregory. 2,382,561; Aug. 14.
Plastic abrasive pad. L. K. Rimer. 2,375,585; May 8.
Plastic article and making the same, Synthetic. J. F. Motson. 2,382,806; Aug. 14.
Plastic articles, Process and apparatus for manufacturing. C. F. Marschner. 2,390,803; Dec. 11.
Plastic articles, Producing. S. Milano. 2,387,034; Oct. 16.
Plastic bobby pin. S. Berman and V. J. Macaluso. 2,378,747; June 19.
Plastic bottle cap. O. A. Koehler. 2,372,725; Apr. 3.
Plastic button. F. G. Purinton. 2,385,467; Sept. 25.
Plastic composition. L. E. Cheyney. 2,380,926; Aug. 7.
Plastic composition. R. F. Hayes. 2,377,231; May 29.
Plastic composition. W. W. Koch. 2,389,370; Nov. 20.
Plastic composition. J. S. Tinsley. 2,375,708; May 8.
Plastic composition and preparing same. J. C. Cowan and H. M. Teeter. 2,384,443; Sept. 11.
Plastic composition containing polyvinyl partial acetal resins. H. D. Cogan and R. W. Quarles. 2,387,831; Oct. 30.
Plastic composition for production of wallboards and making the same. G. M. Bruns. 2,373,945; Apr. 17.
Plastic composition, Protein. S. A. Harrison. 2,375,103; May 1.
Plastic composition, Treating. F. W. Hall. 2,381,495; Aug. 7.
Plastic compositions and articles made therefrom. J. D. Ryan. 2,375,388; May 8.
Plastic compositions and making same, New. G. D. Martin. 2,375,572; May 8.
Plastic compositions and making the same. O. M. Reiff and J. D. Zech. 2,380,466; July 31.
Plastic compositions containing caprylic acid esters. F. A. Strauss. 2,372,522; Mar. 27.
Plastic compositions, Hardenable. M. J. MacDonald, C. S. and F. C. Schwendler. 2,383,609; Aug. 28.
Plastic compositions, Manufacture of. E. J. Cohn and J. D. Ferry. 2,385,803; Oct. 2.
Plastic compositions, Moldable. F. J. Myers. 2,367,423; Jan. 16.
Plastic compositions, Protein-containing. J. H. Lum and R. L. Schaefer. 2,376,607; May 22.
Plastic conduit. G. S. Hendrie. 2,367,643; Jan. 16.
Plastic eye. J. S. Galeski. 2,391,305; Dec. 18.
Plastic injecting apparatus. W. P. Cousino. 2,367,204; Jan. 16.
Plastic masses. F. J. Myers. 2,386,744; Oct. 9.
Plastic material and making it, Resilient. P. B. Roberts. 2,386,264; Oct. 9.
Plastic material, Method of and apparatus for uniting. C. W. Leguillon and H. L. Young. 2,377,018; May 29.
Plastic material, Preparing. E. G. Norton. 2,371,349; Mar. 13.
Plastic materials, Manufacture of. C. B. Joseph. 2,370,669; Mar. 6.
Plastic materials, Treatment of. W. Horback and W. D. Paist. 2,366,788; Jan. 9.
Plastic members, Method and product of joining preformed. P. A. Sidell and E. J. Whellman. 2,378,801; June 19.
Plastic, Modified. P. J. Gaylor. 2,366,514; Jan. 2.
Plastic products, Making. W. L. Rast and D. M. Musser. 2,371,313; Mar. 13.
Plastic, Shatterproof. B. Anderson and E. Schweizer. 2,387,227; Oct. 23.
Plastic sheet, Flexible. H. E. Kallmann. 2,381,061; Aug. 7.
Plastic sheet material, Process and apparatus for the production. H. Dreyfus. 2,383,047; Aug. 21.
Plastic suction, Extruded. C. E. Slaughter. 2,375,827; May 15.
Plastic treating apparatus. A. C. Levine. 2,385,143; Sept. 18.
Plastic tubing, Bending. M. German. 2,389,038; Nov. 13.
Plastic watt-hour meter base. R. A. Road. 2,367,433; Jan. 16.
Plasticization of plastics. J. D. Jenkins. 2,379,236; June 26.
Plasticized composition. F. J. Soday. 2,378,447; June 19.
Plasticized compositions. R. H. Barth and H. Burrell. 2,381,247; Aug. 7.
Plasticized compositions. R. T. Dean. 2,389,959; Nov. 27.
Plasticized compositions. R. T. Dean and E. O. Hook. 2,389,489; Nov. 20.
Plasticizer or softening agent, Manufacturer of. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,393; Oct. 23.

Plasticizer, Resin. C. Opp. 2,385,377; Sept. 25.
Plasticizers and plasticized compositions. W. H. Holst. 2,387,662; Oct. 23.
Plasticizing composition, Producing a. R. T. K. Cornwall. 2,386,381; Oct. 9.
Plastics and films and producing them, Synthetic. W. Laufenberg, E. Maslanka, and H. Weissenburger. 2,382,238; Aug. 14.
Plastics and making same. B. Geller. 2,366,781; Jan. 9.
Plastics, Cellulation of. J. W. Jordan. 2,385,921; Oct. 2.
Plastics, High-frequency electrostatic heating of. H. F. MacMillin. 2,386,966; Oct. 16.
Plastics, Making. J. C. Boyd. 2,372,761; Apr. 3.
Plastics, Manufacture of. J. D. Ferry. 2,385,802; Oct. 2.
Plastics, Plasticization of. J. D. Jenkins. 2,385,920; Oct. 2.
Plate and bearing assembly. M. G. Bales. 2,390,050; Dec. 4.
Plate and preparing the same for offset printing. P. L. Barensfield. 2,374,070; Apr. 17.
Plate, Angle. H. B. Comfort. 2,366,385; Jan. 2.
Plate assembly, Cathode ray tube. S. J. Koch and R. E. Rutherford. 2,372,901; Apr. 3.
Plate, Brake hanger wear. F. Schaefer. 2,383,743; Aug. 28.
Plate burner. F. T. Powers. 2,388,762; Nov. 13.
Plate clamp. C. W. Harrold and E. W. Curtis. 2,386,214; Oct. 9.
Plate, Clutch. G. I. Goodwin. 2,380,835; July 31.
Plate, Evaporator. E. Gygax. 2,369,564; Feb. 13.
Plate for multistack bobbin magazines, End. R. G. Turner. 2,387,197; Oct. 16.
Plate for pin setting frames, Adjustable wear. F. Halek. 2,379,148; June 26.
Plate for plug-in devices, Mounting. P. N. Martin. 2,391,324; Dec. 18.
Plate handling device. L. J. Gaston, Jr., and J. W. Pick. 2,382,626; Aug. 14.
Plate, Hearth. E. A. Lancaster, Jr. 2,375,743; May 8.
Plate holding device. R. Edwards. 2,367,853; Jan. 23.
Plate, Making tin. C. E. Glock. 2,384,086; Sept. 4.
Plate, Oven. H. Kaplan. 2,385,210; Sept. 18.
Plate processing machine, Film or photographic. H. W. Dietert. 2,384,898; Sept. 18.
Plate rapping mechanism. W. D. Yerrick and J. Waitkus. 2,372,997; Apr. 3.
Plate reversing mechanism. C. W. Beck and J. W. Pick. 2,386,925; Oct. 16.
Plate, Screen. F. J. O'Brien. 2,391,501; Dec. 25.
Plate, Storage battery. C. C. White. 2,373,281; Apr. 10.
Plate structures, Interlinked. N. Rubin. 2,372,520; Mar. 27.
Plate, Surge. G. R. Welden. 2,379,126; June 26.
Plate, Wall. E. W. Martin. 2,390,379; Dec. 4.
Platen mounting. E. Kluge. 2,390,156; Dec. 4.
Platen, Sectional. A. W. Metzner. 2,368,674; Feb. 6.
Plates, Flanging bimetallic. G. C. Beishline and C. F. Walp. 2,383,584; Aug. 28.
Plates for cathode ray tubes, Deflecting. R. E. Rutherford. 2,391,273; Dec. 18.
Plates for engine installation, Master connecting. C. J. Frey. 2,379,226; June 26.
Plates, Producing printing. F. H. Hausleiter. 2,369,567; Feb. 13.
Plating, Bright copper. J. F. Beaver, Jr. 2,391,289; Dec. 18.
Platform and leg construction. N. S. Ancell. 2,384,426; Sept. 11.
Platform for elevator hoistways, Working. R. G. Tilton. 2,379,553; July 3.
Platform for lift trucks, Portable. C. D. Fallert. 2,388,730; Nov. 13.
Platform, Portable. A. L. Lewis and F. J. Shepard, Jr. 2,371,106; Mar. 6.
Platform shoe. E. Ferriero. 2,378,074; June 12.
Play ball and making the same. G. S. Radford. 2,376,084; May 15.
Play yard, Infant's. R. C. Bockus and H. J. Landry. 2,381,967; Aug. 14.
Pleating machine, Accordion. W. T. Maxant. 2,387,163; Oct. 16.
Plier, Wire twisting. J. T. Stinson. 2,381,703; Aug. 7.
Pliers. S. R. Bocchino. 2,378,909; June 26.
Pliers. B. E. Range. 2,391,796; Dec. 25.
Pliers. A. L. Vissat. 2,378,264; June 12.
Pliers, Insulation stripping. S. M. Martin. 2,386,327; Oct. 9.
Pliers, Self-locking. A. G. Hanson. 2,370,308; Feb. 27.
Plotting apparatus, Course. A. M. Patterson. 2,386,712; Oct. 9.
Plow. O. L. and L. L. Beasley. 2,385,785; Oct. 2.
Plow. F. L. Dewey. 2,383,373; Aug. 21.
Plow. J. P. Laikam. 2,386,559; Oct. 9.
Plow. J. Morkoski. 2,380,323; July 10.
Plow. C. G. Strandlund. 2,383,022; Aug. 21.
Plow. C. G. Strandlund. 2,384,406; Sept. 4.
Plow. A. E. Young. 2,383,698; Aug. 28.
Plow, Adjustable two-way hand snow. J. S. Martin. 2,388,985; Nov. 13.
Plow assembly for beet harvesters. H. V. Lea and L. W. Schmidt. 2,377,347; June 5.
Plow attachment for tractors. F. P. Noffsinger. 2,384,483; Sept. 11.
Plow, Cultivator. R. M. Miller. 2,390,447; Dec. 4.
Plow hitch. A. E. Rutter. 2,369,984; Feb. 20.
Plow, Obstacle. A. J. Higgins, Jr. 2,381,665; Aug. 7.
Plow point. H. D. Brown and A. E. Freeman. 2,375,073; May 1.
Plow, Rotary. G. P. Bevan. 2,372,172; Mar. 27.
Plowshare. L. Boots. 2,386,424; Oct. 9.
Plow, Snow. D. L. Ellis. 2,375,981; May 15.
Plow, Snow. E. Wandscheer. 2,387,959; Oct. 30.
Plow, Tractor. R. P. Wippel. 2,386,378; Oct. 9.
Plow, Two-way. O. W. Oerman. 2,385,935; Oct. 2.
Plow, Two-way. W. H. Silver. 2,383,689; Aug. 28.
Plug: *See*—

Antisiphoning plug.	Removable concrete insert plug.
Bridging plug.	Shielded spark plug.
Electric plug.	Snap-in electric lamp plug
Fuse plug.	Spark plug.
High pressure test plug.	Threaded sheet metal plug.
Injection valve spark plug.	Vent plug.
Jacket removing plug.	

Plug gauge. N. W. Redmer. 2,375,945; May 15.
Plug gauge. M. Riddihough. 2,383,341; Aug. 21.
Plug-in device and socket receptacle. H. H. Eby. 2,380,955; Aug. 7.
Plug means, Cleanout. L. P. McChesney. 2,366,975; Jan. 9.
Plug or rivet welding apparatus, Electric. A. W. Baird. 2,367,257; Jan. 16.
Plug structure. M. P. Laurent. 2,370,804; Mar. 6.
Plug, Valve. S. C. Carter. 2,388,827; Nov. 13.
Plug valve. F. Wheatley, Sr. 2,372,869; Apr. 3.
Plugless valve. M. S. Hall and A. B. and W. Bornstein. 2,387,660; Oct. 23.
Plugs, Gapping spark. R. K. Christie. 2,377,481; June 5.
Plugs, Producing tow line. A. Vaszin. 2,368,388; Jan. 30.
Plumb and level, Sectional. T. F. Seiwell. 2,383,166; Aug. 21.
Plumb bob. G. Sireci. 2,381,698; Aug. 7.
Plumb bob line reel. Le R. I. Hoagland. 2,384,914; Sept. 18.
Plumb bob reel. E. D. Wells. 2,376,407; May 22.
Plunger drive for pumps. M. W. Huber. 2,377,554; June 5.
Plunger packing. A. St. J. Bowie. 2,388,520; Nov. 6.
Plural feed back system for light sources. W. R. Le Page. 2,388,854; Nov. 13.
Plural-way cock; G. W. Wolcott. 2,376,022; May 15.
Plywood and preparing the same. A. J. Golick and T. W. Dike. 2,368,466; Jan. 30.
Plywood core machine. O. S. Bolling. 2,366,588; Jan. 2.
Pneumatic clutch. R. S. Philbrick. 2,379,592; July 3.
Pneumatic clutch control. L. B. Lindsley. 2,388,857; Nov. 13.
Pneumatic control. F. C. Brammer and W. C. H. West. 2,382,853; Aug. 14.
Pneumatic ejector. H. T. Jeffery. 2,380,651; July 31.
Pneumatic flotation gear. A. C. McKinley. 2,391,326; Dec. 18.
Pneumatic hammer. C. B. Stair. 2,372,029; Mar. 20.
Pneumatic hammer testing machine. H. V. Cordiano, J. J. De Paolo, and H. Lacks. 2,389,138; Nov. 20.
Pneumatic lubricating device. K. E. A. Gothberg, J. T. Ruist, and J. H. E. Thorén. 2,367,721; Jan. 23.
Pneumatic mattress. V. H. Hurt. 2,369,736; Feb. 20.
Pneumatic measuring instrument. C. B. Moore. 2,371,253; Mar. 13.
Pneumatic pickup device. F. G. Olson. 2,384,334; Sept. 4.
Pneumatic power device. E. David. 2,380,152; July 10.
Pneumatic tire. A. E. Dietz. 2,368,974; Feb. 6.
Pneumatic tire. H. T. Kraft and F. H. Comey. 2,388,421; Nov. 6.
Pneumatic valve lapping tool. H. W. Zimmerman. 2,376,746; May 22.
Pocket ash receptacle. H. A. Christian. 2,384,442; Sept. 11.
Pocket calculating machine. A. M. Josepho. 2,380,846; July 31.
Pocket, Carrying. M. H. Brede. 2,387,232; Oct. 23.
Pocket construction. L. Horwitz. 2,391,239; Dec. 18.
Pocket construction for garments. M. C. Shapiro. 2,383,746; Aug. 28.
Pocket, Foundation garment bust. S. Stein. 2,380,199; July 10.
Pocket, Safety. W. Riedel. 2,385,163; Sept. 18.
Pocket, Sanitary detachable. I. Stoeckert. 2,389,697; Nov. 27.
Pocket, Segregating. A. Hess. 2,375,652; May 8.
Pocket, Simulated patch. J. P. Durso. 2,389,721; Nov. 28.
Pocket utensil holder. A. Mosch. 2,371,308; Mar. 13.
Pockets, Making patch. R. S. Pullen. 2,388,012; Oct. 30.
Poise. N. E. Hart. 2,368,984; Feb. 6.
Poke, Animal. A. Gardell. 2,383,718; Aug. 28.
Polarizer, Light. R. A. Smith. 2,370,084; Feb. 20.
Polarizing body, Light. H. H. Styll. 2,387,308; Oct. 23.
Pole, Extension. C. G. Calhoun. 2,384,279; Sept. 4.
Pole feeding mechanism. J. R. Hayes and J. D. Foley. 2,374,429; Apr. 24.
Pole or the like for use in dyeing and analogous apparatus, Hank. S. R. T. Freeman. 2,369,121; Feb. 13.
Pole, Ski. W. E. Pearce. 2,390,267; Dec. 4.
Pole slide protector. W. L. Seide. 2,385,305; Sept. 18.
Pole. Tent. D. A. Wallance. 2,368,692; Feb. 6.

Poles and the like, Joint for. H. Ozlek. 2,389,811; Nov. 27.
Polisher. G. J. Soderberg. 2,379,997; July 10.
Polishing and grinding device, Diamond. E. Rothauser. 2,382,099; Aug. 14.
Polishing composition. R. Brown. 2,376,956; May 29.
Polishing composition. L. G. Cartwright. 2,374,414; Apr. 24.
Polishing composition. A. Saunders and L. S. Engle. 2,375,823; May 15.
Polishing composition. A. Saunders and L. S. Engle. 2,375,824; May 15.
Polishing compositions. A. Saunders and L. S. Engle. 2,375,825; May 15.
Polishing compound. L. M. Polan. 2,383,500; Aug. 28.
Polishing device, Diamond. B. Levy. 2,388,751; Nov. 13.
Polishing element. R. M. Hill. 2,378,630; June 19.
Polishing glass and like substances, Method and apparatus for. J. R. Turner, J. H. McLeod, and G. H. Bullock. 2,380,275; July 10.
Polishing or buffing pad. G. D. Rice. 2,370,490; Feb. 27.
Polyamide articles. C. W. J. Wende. 2,389,655; Nov. 27.
Polyamide articles, Manufacture of improved molded. A. F. Smith. 2,372,630; Mar. 27.
Polyamide, Stabilized. R. W. Moncrieff and E. W. Wheatley. 2,378,494; June 19.
Polyamides. M. M. Brubaker. 2,374,576; Apr. 24.
Polyamides. C. J. Frosch. 2,388,035; Oct. 30.
Polyamides. P. Moller and H.-J. Nicolai. 2,367,469; Jan. 16.
Polyamides. G. B. Taylor. 2,374,145; Apr. 17.
Polyamides, Linear. E. L. Martin. 2,389,628; Nov. 27.
Polyamides, Plasticizing. J. H. Balthis. 2,374,069; Apr. 17.
Polyamides, Synthetic linear. D. D. Coffman and H. B. Stevenson. 2,388,676; Nov. 13.
Polyamine, Acylated hydroxylated. M. De Groote and B. Keiser. 2,375,532; May 8.
Polycarboxylic acid condensate of a terpene alcohol-formaldehyde product. M. T. Harvey. 2,383,791; Aug. 28.
Polychloroprenes, Reclaiming waste. W. G. Kirby and L. E. Steinle. 2,391,714; Dec. 25.
Polycondensation products. O. Moldenhauer and H. Bock. 2,378,571; June 19.
Polycondensation products, Production of. O. Moldenhauer and H. Bock. 2,383,880; Aug. 28.
Polycyclic compounds from isophorone and the manufacture of same. O. Huppert. 2,385,281; Sept. 18.
Polycyclic compounds, Nonbenzenoid fused. L. W. Butz. 2,387,830; Oct. 30.
Polyester-amides, High molecular weight linear. C. J. Frosch. 2,386,454; Oct. 9.
Polyesters. C. J. Frosch. 2,388,318; Nov. 6.
Polyglyoxal hydrate. J. F. Walker. 2,379,555; July 3.
Polyharmonic self-tuning damper means. Z. Arkus-Duntov and G. A. Rubissow. 2,367,709; Jan. 23.
Polyhydric alcohol ester of purified hydrogenated rosin, Preparing a. J. N. Borglin. 2,366,589; Jan. 2.
Polyhydric alcohols, Manufacture of. H. Dreyfus. 2,389,347; Nov. 20.
Polyhydroxy alcohols, Production of derivatives of. D. Geltner. 2,379,703; July 3.
Polyhydroxy compounds, Catalyst and producing. L. A. Stengel and F. E. Maple. 2,381,316; Aug. 7.
Polyisobutylene, Stabilization of. W. J. Daly. 2,387,499; Oct. 23.
Polyisobutylene-wax compositions. G. P. Mack. 2,388,984; Nov. 13.
Polymer and its production, New vinyl. M. M. Brubaker. 2,378,536; June 19.
Polymer compositions, Stabilized. I. E. Lightbown and W. J. Sparks. 2,387,518; Oct. 23.
Polymer mixture, Cured. N. S. Beekley, Jr. 2,383,839; Aug. 28.
Polymer of methylene dioxolane, Resinous. W. O. Kenyon and T. F. Murray, Jr. 2,382,640; Aug. 14.
Polymer treatment. W. W. Prichard. 2,387,530; Oct. 23.
Polymeric acetals, Making. J. Dahle. 2,388,238; Nov. 6.
Polymeric esters. W. E. Hanford. 2,371,990; Mar. 20.
Polymeric material obtained by polymerizing a mixture of a conjugated diene and a cyclic imide of an olefinic dicarboxylic acid. G. L. Dorough. 2,384,239; Sept. 4.
Polymeric materials and producing the same, Rubberlike. H. W. Walker. 2,382,684; Aug. 14.
Polymeric materials containing nitrogen-substituted polyamides. M. M. Brubaker. 2,378,977; June 26.
Polymeric materials, Producing. J. C. Cowan and W. C. Ault. 2,373,015; Apr. 3.
Polymeric materials, Recovery of. J. W. C. Crawford and A. D. Jones. 2,389,958; Nov. 27.
Polymeric silicone and making it. R. R. McGregor and E. L. Warrick. 2,384,384; Sept. 4.
Polymeric sulphur containing derivatives and their preparation. W. J. Burke. 2,384,888; Sept. 18.
Polymeric vinylidene chloride, Treating. R. M. Wiley. 2,390,035; Nov. 27.
Polymerisates, Coagulating emulsion. B. M. Vanderbilt and N. S. Beekley, Jr. 2,385,172; Sept. 18.
Polymerizable compound, Stabilization of. E. L. Cline. 2,383,043; Aug. 21.
Polymerizable mixtures containing conjugated diene hydrocarbons and products obtainable thereby, Regulating polymerization of. K. E. Marple. 2,388,167; Oct. 30.
Polymerization. A. M. Clifford and W. D. Wolfe. 2,370,010; Feb. 20.
Polymerization catalyst. R. M. Thomas, D. C. Field, and H. C. Reynolds, Jr. 2,383,627; Aug. 28.
Polymerization catalyst. R. M. Thomas and J. F. Nelson. 2,387,543; Oct. 23.
Polymerization, Inhibiting. H. R. Dittmar. 2,373,464; Apr. 10.
Polymerization method. J. W. Britton and R. C. Dosser. 2,377,752; June 5.
Polymerization mold. R. D. Freeman and G. P. Schmelter. 2,376,244; May 15.
Polymerization of butadiene-1,3. G. L. Browning, Jr. 2,366,313; Jan. 2.
Polymerization of butadiene-1,3 hydrocarbons. E. E. Gruber. 2,391,233; Dec. 18.
Polymerization of butadiene-1,3 hydrocarbons, Regulation of the. C. F. Fryling. 2,376,350; May 22.
Polymerization of olefins. J. Anderson, W. H. Peterson, and S. H. McAllister. 2,380,358; July 10.
Polymerization of olefins, Catalytic. G. C. Bailey and J. A. Reid. 2,381,198; Aug. 7.
Polymerization of organic compounds containing a $CH_2=C<$Group. B. S. Garvey, Jr. 2,376,963; May 29.
Polymerization of organic liquids. R. T. Coffman and B. M. Marks. 2,391,393; Dec. 25.
Polymerization of unsaturated organic compounds. W. D. Stewart. 2,383,425; Aug. 21.
Polymerization process. M. D. Peterson. 2,388,178; Oct. 30.
Polymerization process for normal olefins. R. M. Thomas and H. C. Reynolds, Jr. 2,387,784; Oct. 30.
Polymerization products. W. L. Semon. 2,384,568; Sept. 11.
Polymerization products, Conjoint. E. W. Moffett and R. E. Smith. 2,390,164; Dec. 4.
Polymerization products, Preparing. E. Lieber. 2,379,728; July 3.
Polymerization products, Vulcanizable. M. C. Throdahl. 2,381,526; Aug. 7.
Polymerization reactions, Controlling. F. J. Soday. 2,375,256; May 8.
Polymerized article, Making cold shaped. W. E. Williams. 2,390,567; Dec. 11.
Polymerized cable blocks. L. I. Komives, J. W. Courtis, and D. E. F. Thomas. 2,391,055; Dec. 18.
Polymerized rubber-like product and making the same. D. Sanderson, H. E. Pfaff, and M. E. Garrison. 2,390,961; Dec. 11.
Polymerizing chloroprene in the presence of sulphur dioxide and product thereof. H. W. Starkweather. 2,371,719; Mar. 20.
Polymerizing olefinic materials. R. E. Brooks, M. D. Peterson, and A. G. Weber. 2,388,225; Oct. 30.
Polymerizing styrene. R. B. Semple. 2,367,805; Jan. 23.
Polymerizing unsaturated compounds. M. A. Pollack, I. E. Muskat, and F. Strain. 2,370,578; Feb. 27.
Polymers. N. G. Fisher and R. H. Wiley. 2,389,662; Nov. 27.
Polymers and copolymers of divinyl benzene, Preparation of partial. G. F. D'Alelio. 2,378,195; June 12.
Polymers and making the same, Modified butadiene. A. M. Clifford and W. D. Wolfe. 2,378,189; June 12.
Polymers and making them, Organo-silicon. J. F. Hyde. 2,371,050; Mar. 6.
Polymers and making them, Organo-silicon. J. F. Hyde. 2,386,467; Oct. 9.
Polymers from dioxane. G. T. Vaala and R. B. Carlin. 2,385,661; Sept. 25.
Polymers from olefins, Producing high molecular weight. W. J. Sparks and R. M. Thomas. 2,389,693; Nov. 27.
Polymers, Melt extruding synthetic. E. L. Martin. 2,367,173; Jan. 9.
Polymers of ethylene, Hydrogen-modified. W. E. Hanford. 2,387,755; Oct. 30.
Polymers of styrene and ring substituted methyl styrenes, Depolymerization of. F. J. Soday. 2,383,922; Aug. 28.
Polymers of unsaturated acid compound and alpha olefinic compound. R. M. Thomas and W. J. Sparks. 2,373,067; Apr. 3.
Polymers, Oxygenated organic. W. F. Gresham. 2,382,938; Aug. 14.
Polymers, Pre-plasticized vinyl. F. K. Schoenfeld. 2,373,347; Apr. 10.
Polymers, Producing. H. Bergk. 2,371,869; Mar. 20.
Polymers, Producing high molecular weight iso-olefin. R. L. Holmes. 2,384,916; Sept. 18.
Polymers, Substituted acrylonitrile. A. M. Clifford. 2,385,258; Sept. 18.
Polymers, Treatment of hydroxylated. R. W. Maxwell. 2,373,135; Apr. 10.
Polymers, Vulcanized high-pressure. H. B. Kellog and P. K. Frolich. 2,391,095; Dec. 18.
Polymethine compounds and preparing them. F. L. White. 2,369,509; Feb. 13.
Polynitroethylene, Production of. A. E. W. Smith, C. W. Scaife, and R. H. Stanley. 2,384,049; Sept. 4.
Polynuclear carbonyl compounds and their enol esters, Manufacture of. K. Miescher and J. Heer. 2,372,841; Apr. 3.

Poly-olefins, Production of. G. W. Hearne and G. A. Stenmark. 2,366,620; Jan. 2.
Polyphase voltage regulator. H. M. Huge. 2,377,152; May 29.
Polystyrene, Production of high viscosity. A. R. Krotzer, W. A. King, and J. H. Kleiner. 2,378,089; June 12.
Polystyrene sheet material. W. Horback. 2,391,092; Dec. 18.
Polyvinyl acetal composition and cement. C. W. Johnson. 2,384,034; Sept. 4.
Polyvinyl acetal composition, Plasticized. E. R. Derby. 2,371,131; Mar. 13.
Polyvinyl acetal plastic compositions. E. R. Derby. 2,378,288; June 12.
Polyvinyl acetals, Making. J. Dahle. 2,370,126; Feb. 27.
Polyvinyl acetate plastic composition. E. R. Derby. 2,377,214; May 29.
Polyvinyl alcohol emulsion coating. W. G. Lowe and K. P. Griffin. 2,376,371; May 22.
Polyvinyl butyral compositions. La V. E. Cheyney. 2,376,030; May 15.
Polyvinyl chloride composition. F. A. Bent. 2,387,111; Oct. 16.
Polyvinyl chloride, Plasticizing. E. R. Meincke. 2,386,405; Oct. 9.
Polyvinyl ethers of beta guanylethanols. R. C. Houtz. 2,378,015; June 12.
Polyvinyl halide composition. T. L. Gresham. 2,371,134; Mar. 13.
Polyvinyl halide composition. T. L. Gresham. 2,372,947; Apr. 3.
Pontoon assembly and using the same. W. W. Macfarren. 2,391,059; Dec. 18.
Pontoon unit for floating dry docks. F. R. Harris. 2,379,903; July 10.
Pop-up spud wrench. C. S. Beverly. 2,384,525; Sept. 11.
Porcelain enameled panel mounting. W. A. Barrows. 2,379,269; June 26.
Porosity during drilling, Determining formation. J. T. Hayward. 2,372,576. Mar. 27.
Porous bodies, Production of. J. Schneider. 2,371,928; Mar. 20.
Porous body expansion joint. A. C. Fischer. 2,370,647; Mar. 6.
Porous formations, Increasing the effective permeability of. E. O. Bennett. 2,379,561; July 3.
Porous insulating articles, Making. N. R. Peterson. 2,378,322; June 12.
Portable, adjustable soap rack and tray. L. Levy. 2,374,023; Apr. 17.
Portable basketball goal. G. A. Gibson. 2,379,572; July 3.
Portable building. S. E. Cowbourne. 2,368,523; Jan. 30.
Portable container. H. J. Hanson. 2,383,058; Aug. 21.
Portable cutting tool. A. G. Bodine, Jr. 2,384,435; Sept. 11.
Portable drill support. J. A. Henderson. 2,390,709; Dec. 11.
Portable electric drill. F. Seaboly. 2,373,785; Apr. 17.
Portable electric heater. F. Graves. 2,379,705; July 3.
Portable electric lighting device. G. R. Fuss. 2,373,390; Apr. 10.
Portable filter. L. S. Farrell. 2,389,189; Nov. 20.
Portable folding crib. C. Dobrenen. 2,369,885; Feb. 20.
Portable former. E. C. Stinson and E. D. Hall. 2,383,923; Aug. 28.
Portable hand held electric tool. W. G. Mitchell. 2,373,842; Apr. 17.
Portable grease receptacle. R. D. Hyatt. 2,368,065; Jan. 23.
Portable insulation slitting tool. C. V. Lundeen. 2,391,722; Dec. 25.
Portable intermittent clutch tool. W. M. Emery. 2,373,665; Apr. 17.
Portable magazine type package cooler. J. R. Burdette. 2,384,156; Sept. 4.
Portable overhead jack. H. K. Christie. 2,370,842; Mar. 6.
Portable oxygen-acetylene generator. R. B. Swift. 2,381,319; Aug. 7.
Portable parts cabinet. J. Brownlie and R. Gerstenzang. 2,387,741; Oct. 30.
Portable picture screen. L. J. Du Mais. 2,370,235; Feb. 27.
Portable race track. B. L. Mobley. 2,376,444; May 22.
Portable range. S. T. Howard. 2,391,460; Dec. 25.
Portable riveting press. C. Desoutter. 2,374,737; May 1.
Portable steaming apparatus. H. K. Elman and R. C. Bergmann. 2,387,724; Oct. 30.
Portable storage tank. C. M. Wickstrum. 2,391,374; Dec. 18.
Portable tool. A. G. Imhof and L. Hoyles. 2,389,314; Nov. 20.
Portable truck grain elevator. R. L. Kooiker. 2,388,921; Nov. 13.
Portable, vertically adjustable, and collapsible stand. H. E. Eller. 2,386,450; Oct. 9.
Portfolio. N. B. Langworthy. 2,378,020; June 12.
Portfolio. S. Perlin. 2,390,958; Dec. 11.
Porthole extrusion die. K. B. Guiney. 2,368,355; Jan. 30.
Position control mechanism. H. F. Lawrence. 2,391,578; Dec. 25.
Position determining means. H. J. Smith and P. W. Zingaro. 2,366,939; Jan. 9.
Position setting device. R. N. Roth. 2,369,690; Feb. 20.
Positioning apparatus, Work. L. Meister. 2,383,008; Aug. 21.
Positioning fixture. F. I. Rataiczak. 2,377,965; June 12.
Positioning means. C. H. Bachman and J. T. Tschopp. 2,380,209; July 10.
Positive displacement gear pump. S. R. Etnyre. 2,382,042; Aug. 14.
Post construction, Vehicle framing. I. Johnsen, Jr. 2,379,640; July 3.
Post, Cycle saddle. R. W. Faulhaber. 2,374,809; May 1.
Post driver. O. A. Dirksen and H. G. Beesley. 2,378,131; June 12.
Post puller. J. T. Sanders. 2,377,652; June 5.
Post, Reinforced concrete. W. H. Wascher. 2,378,814; June 19.
Post, Steering. E. F. Pawsat. 2,383,273; Aug. 21.
Post, Terminal. H. W. Wild. 2,386,171; Oct. 2.
Poster, Display. R. E. Paige. 2,376,180; May 15.
Poster, Easel. B. Salussolia. 2,377,455; June 5.
Posting unit. O. S. Field and S. N. Wight. 2,378,294; June 12.
Posture chair. W. F. Herold. 2,374,350; Apr. 24.
Pot, Fire. F. R. Higley. 2,378,220; June 12.
Pot holder. L. W. Norton. 2,375,129; May 1.
Pot type burner. R. W. De Lancey. 2,366,839; Jan. 9.
Potash alum, Dehydration and calcination of. G. Gallo. 2,369,037; Feb. 6.
Potato grader chain. T. J. Lockwood. 2,387,918; Oct. 30.
Potato harvester. B. L. Spafford. 2,373,426; Apr. 10.
Potato harvesting machine. L. L. Lundberg. 2,381,172; Aug. 7.
Potato harvesting machine. F. Reavill. 2,376,723; May 22.
Potentiometer. R. K. Frazier. 2,388,534; Nov. 6.
Pothead. J. S. Jammer. 2,380,048; July 10.
Pottery ware, Method and apparatus for appendaging. W. J. Miller. 2,374,555; Apr. 24.
Potteryware, Method and apparatus for jiggering. W. J. Miller. 2,384,845; Sept. 18.
Pottery ware, Method and apparatus for manufacturing. W. J. Miller. 2,370,410; Feb. 27.
Pouches, Manufacturing. C. K. Billeb. 2,380,914; Aug. 7.
Poultry and live stock feeder. F. L. Spivey. 2,386,010; Oct. 2.
Poultry handling method. C. B. Franz. 2,381,044; Aug. 7.
Pouring attachment for bottles. C. E. Stow. 2,384,206; Sept. 4.
Pouring dispenser. J. T. Goodman. 2,368,540; Jan. 30.
Pour-out finishes for containers. C. Chew and R. H. Levis, II. 2,387,213; Oct. 16.
Powder and making the same, Molding. R. A. Caughey. 2,381,205; Aug. 7.
Powder box. J. P. Smith. 2,379,853; July 3.
Powder charging device. W. S. Reynolds. 2,369,251; Feb. 13.
Powder container and blower package. E. T. Ahern. 2,366,702; Jan. 9.
Powder, Filter. T. C. Atwell. 2,390,490; Dec. 11.
Powder, Making extruded. C. E. Silk. 2,381,468; Aug. 7.
Powder, Manufacture of propellant. B. Troxler. 2,370,209; Feb. 27.
Powder, Manufacture of smokeless. B. Troxler. 2,370,272; Feb. 27.
Powder metallurgy. J. J. Cordiano. 2,370,396; Feb. 27.
Powder metallurgy. H. A. Toulmin, Jr. 2,384,215; Sept. 4.
Powder metallurgy of brass. R. L. Patterson. 2,368,943; Feb. 6.
Powder metallurgy of high-speed steel. N. K. G. Tholand. 2,372,696; Apr. 3.
Powder process, Smokeless. C. E. Silk. 2,375,175; May 1.
Powder, Propellant smokeless. H. H. Holmes. 2,385,135; Sept. 18.
Powder, Propellent. H. B. Alexander. 2,379,056; June 26.
Powder, Scouring and polishing. J. M. Bleakney. 2,384,006; Sept. 4.
Powder stick, Talcum. R. W. Teichner. 2,390,473; Dec. 4.
Powdered solids, Handling. G. W. Watts. 2,378,607; June 19.
Powders, Brass. J. Wulff. 2,373,158; Apr. 10.
Power drive for window regulators. H. L. Hill. 2,382,791; Aug. 14.
Power-driven tool. C. S. Schlenzig. 2,372,125; Mar. 20.
Power-driven wringer. J. W. Burt. 2,373,377; Apr. 10.
Power earth mover. C. E. Patterson. 2,376,979; May 29.
Power factor controlling apparatus. E. H. Haug. 2,380,522; July 31.
Power installation. S. S. Cook and L. M. Douglas. 2,367,099; Jan. 9.
Power lift. F. T. Court. 2,369,436–7; Feb. 13.
Power lift. A. A. Scarlett and J. H. Hamilton. 2,370,197; Feb. 27.
Power lift. W. H. Silver. 2,368,266; Jan. 30.
Power lift and power-driven implement. L. V. Kingsbury. 2,384,623; Sept. 11.

Power lift mechanism. W. H. Silver. 2,366,155; Jan. 2.
Power limiter for discharge tubes. W. Van B. Roberts. 2,368,780; Feb. 6.
Power line. H. A. Starret. 2,375,258; May 8.
Power line transfer and disconnect switch. R. F. Gibbons. 2,368,465; Jan. 30.
Power operated clutch. E. G. Lewis. 2,384,182; Sept. 4.
Power-operated tooth brush. E. H. Tompkins. 2,379,049; June 26.
Power-operated window regulator. E. L. Ackerman and A. V. Crump. 2,373,085; Apr. 10.
Power-operating means for tooth brushes. J. R. Nalbach and W. F. Gresham. 2,372,731; Apr. 3.
Power output amplifier circuit. W. R. Koch. 2,383,867; Aug. 28.
Power plant. J. Stucke. 2,383,996; Sept. 4.
Power plant. E. Womble. 2,371,011; Mar. 6.
Power plant assembly. S. Gilbert. 2,368,537; Jan. 30.
Power plant, Combined steam, and gas or Diesel. J. Gaisberger. 2,370,949; Mar. 6.
Power plant control means. E. Martin. 2,391,323; Dec. 18.
Power plant, Elastic fluid. F. Nettel and J. Kreitner. 2,379,452; July 3.
Power plant for aircraft. A. H. R. Fedden, F. M. Owner, F. M. Thomas, and S. W. Mansell. 2,389,778; Nov. 27.
Power plant for aircraft. A. Lysholm. 2,385,366; Sept. 25.
Power plant, Gas turbine. H. Pfenninger. 2,390,959; Dec. 11.
Power plant, Jet propulsion. C. P. Heintze. 2,383,385; Aug. 21.
Power plant, Steam. A. Doble. 2,379,887; July 10.
Power press. W. S. Wilkins. 2,375,398; May 8.
Power regulation for aircraft engines. A. Stieglitz. 2,384,353; Sept. 4.
Power shovel dipper door latch. C. E. Jones. 2,376,597; May 22.
Power spraying machine. S. L. Dalton. 2,381,649; Aug. 7.
Power steering gear. W. K. Creson. 2,391,819; Dec. 25.
Power structure. K. W. Couse. 2,386,597; Oct. 9.
Power supply for electron microscopes. A. W. Vance. 2,377,283; May 29.
Power supply system, Battery-generator. D. G. Ihrig. 2,386,118; Oct. 2.
Power supply, Unidirectional. M. Cawein. 2,373,165; Apr. 10.
Power system. M. A. Edwards. 2,368,456; Jan. 30.
Power system including a rotary transformer. H. Newsam. 2,372,511; Mar. 27.
Power tail gate. L. S. Wood. 2,391,813; Dec. 25.
Power take-off. C. Gerst. 2,389,847; Nov. 27.
Power take-off. H. R. Van Vleck. 2,379,940; July 10.
Power take-off. J. E. Young. 2,379,775–6; July 3.
Power take-off lock out mechanism. G. D. Shaeffer. 2,369,078; Feb. 6.
Power tool. A. L. Sohm. 2,370,885; Mar. 6.
Power transmission. M. S. Baker. 2,369,126; Feb. 13.
Power transmission. F. T. Harrington. 2,366,398; Jan. 2.
Power transmission. M. Hayden. 2,368,138; Jan. 30.
Power transmission. J. F. Jeannin. 2,377,556; June 5.
Power transmission. V. E. Matulaitis. 2,373,902–3; Apr. 17.
Power transmission. C. A. Neracher, W. T. Dunn, T. Iavelli, and A. J. Syrovy. 2,383,149; Aug. 21.
Power transmission. H. F. Patterson. 2,369,848; Feb. 20.
Power transmission. C. D. Peterson and A. H. Deimel. 2,369,369; Feb. 13.
Power transmission. E. L. Rose. 2,382,027; Aug. 14.
Power transmission. R. L. Tweedale. 2,366,161; Jan. 2.
Power transmission apparatus for track-laying vehicles. H. A. Knox and B. F. Baker. 2,389,624; Nov. 27.
Power-transmission belts, Manufacturing endless. B. W. Wetherbee. 2,386,761; Oct. 16.
Power transmission device. H. W. Jespersen. 2,390,792; Dec. 11.
Power transmission for sawmill carriages. B. W. Andrus. 2,386,923; Oct. 16.
Power transmission gear. H. F. Hobbs. 2,381,593; Aug. 7.
Power transmission, Gyroscopic. D. T. Williams. 2,390,341; Dec. 4.
Power transmission, Hydraulic. G. F. Hall. 2,378,844; June 19.
Power transmission means. V. W. Farris. 2,374,672; May 1.
Power transmission mechanism. O. V. Malmquist. 2,384,110; Sept. 4.
Power transmission mechanism. P. Orr. 2,369,976; Feb. 20.
Power transmission mechanism. A. D. Pentz. 2,381,772; Aug. 7.
Power transmission mechanism, Starting and stopping. A. S. Sheroff. 2,372,397; Mar. 27.
Power transmission system. J. W. Podesta. 2,382,023; Aug. 14.
Power transmission unit with load speed and direction control. L. A. Trofimov. 2,384,776; Sept. 11.
Power transmission, Variable-speed. G. M. Harry. 2,376,429; May 22.
Power transmitter, Fluid operated. W. Jastrzebski. 2,377,886; June 12.
Power transmitting apparatus. D. E. Jewitt. 2,380,243; July 10.
Power transmitting apparatus. S. Mayner. 2,381,682; Aug. 7.
Power transmitting apparatus. E. E. Wemp. 2,382,034; Aug. 14.
Power transmitting device. C. J. Werner. 2,383,901; Aug. 28.
Power transmitting mechanism. W. H. De Lancey. 2,390,240; Dec. 4.
Power transmitting mechanism. R. H. Lawson. 2,374,360; Apr. 24.
Power-transmitting mechanism. J. W. Marsh. 2,377,350; June 5.
Power transmitting mechanism. J. M. Morgan. 2,385,457; Sept. 25.
Power truck and propulsion means therefor. W. A. Wildenhein. 2,387,696; Oct. 23.
Power unit. E. E. Bohn. 2,366,172; Jan. 2.
Power unit apparatus. E. A. Rockwell. 2,382,444; Aug. 14.
Power unit, Food mixer. V. C. Kennedy. 2,382,158; Aug. 14.
Power unit for food processors. A. Strauss, E. G. Feltman, M. M. Hunt and W. D. Harbaugh. 2,372,862; Apr. 3.
Power unit, Hydraulic. M. A. Mathys. 2,374,764; May 1.
Power unit, Supercharged compression-ignition internal-combustion. F. Marburg. 2,376,160; May 15.
Power unit system. E. A. Rockwell. 2,383,618; Aug. 28.
Power, voltage, or current regulator. G. C. Sziklai. 2,368,582; Jan. 30.
Power winch. C. J. Whiting. 2,378,117; June 12.
Practicing device, Indoor golf. R. H. Elkins. 2,375,904; May 15.
Precipitator. G. W. Penney and R. A. Nielsen. 2,382,254; Aug. 14.
Precipitator, Automatic electrical. V. Dahlman. 2,383,111; Aug. 21.
Precipitator, Dust. W. R. Appeldoorn. 2,370,629; Mar. 6.
Precipitator, Electrical. H. J. White. 2,386,827; Oct. 16.
Precision balance. J. E. Seederer. 2,373,056; Apr. 3.
Precision grinding wheel dressing device for pantograph machines. L. Nachemov. 2,388,216; Oct. 30.
Precision pivot bearing. W. S. Pierce, Jr. 2,375,322; May 8.
Precision threading attachment. C. E. Miller and J. M. Ingalls. 2,376,164; May 15.
Precision timer. E. Timbs. 2,382,833; Aug. 14.
Predictor, Antiaircraft fire control. E. W. Chafee and B. A. Wittkuhns. 2,378,910; June 26.
Prefabricated structure for containers and the like. H. B. Lindsay. Re. 22,693; Nov. 20.
Prefabricating jig. H. B. Lathrop. 2,376,604; May 22.
Preference relaying, Directional ground. S. L. Goldsborough. 2,381,277; Aug. 7.
Preforming die. M. M. Burgess. 2,377,128; May 29.
Preheater roll, High-pressure steam. C. W. Grimm. 2,374,745; May 1.
Preparation of a phosphatide composition. P. L. Julian and E. W. Meyer. 2,391,462; Dec. 25.
Preparation of acetylenic alcohols, Continuous. E. F. Smith. 2,385,546; Sept. 25.
Preparation of alkali-metal ω-cyanoguanidodithiocarbonates. R. L. Sperry. 2,368,894; Feb. 6.
Preparation of α-β-dichloropropionitrile. J. K. Sumner. 2,390,470; Dec. 4.
Preparation of alpha-beta unsaturated nitriles. F. E. Kung. 2,375,005; May 1.
Preparation of α-d-galacturonic acid. C. S. Hollander. 2,370,961; Mar. 6.
Preparation of alumina from clay. R. J. Davies, H. O. Dering, and T. W. Parker. 2,375,977; May 15.
Preparation of amino carboxylic acids and their salts. G. O. Curme, Jr., H. C. Chitwood, and J. W. Clark. 2,384,818; Sept. 18.
Preparation of amino triazoles. D. W. Kaiser. 2,382,156; Aug. 14.
Preparation of aromatic nitrocompounds. M. C. Knake. 2,380,246; July 10.
Preparation of calcium pantothenate. G. H. Carlson and S. R. Safir. 2,390,499; Dec. 11.
Preparation of catalyst and dehydrogenating hydrocarbons with same. M. P. Matuszak. 2,379,172; June 26.
Preparation of chlorinated rubber compositions. L. Auer. 2,382,529; Aug. 14.
Preparation of compounds of tungsten and similar metals from their ores and residues. G. and E. E. Boericke. 2,390,687; Dec. 11.
Preparation of cooked starchy vegetables in powder form. T. Rendle. 2,381,838; Aug. 7.
Preparation of dichlorobutenes by the chlorination of butadiene. A. S. Carter. 2,369,117; Feb. 13.
Preparation of diolefinic resins. H. L. Gerhart. 2,387,895; Oct. 30.
Preparation of ethylene polymers. C. H. Greenewalt. 2,388,138; Oct. 30.
Preparation of glass testing pieces. V. Walker. 2,367.704; Jan. 23.

Preparation of isomers of substituted poly-olefinic compounds. R. C. Morris and J. L. Van Winkle. 2,375,023; May 1.
Preparation of lecithin. R. H. Sifferd. 2,371,476; Mar. 13.
Preparation of nitrolic acids and pseudonitroles. E. M. Nygaard, J. H. McCracken, and T. T. Noland. 2,370,185; Feb. 27.
Preparation of p-cymene from a mono-cyclic terpene. W. Hull. 2,388,359; Nov. 6.
Preparation of red copper oxide. A. H. Du Rose and C. F. Robison. 2,385,066; Sept. 18.
Preparation of sols. M. D. Marshall. 2,391,253–5; Dec. 18.
Preparation of synthetic rubber-like materials by emulsion polymerization. G. E. Serniuk. 2,384,969; Sept. 18.
Preparation of tetra-alpha-chloroanthraquinone. E. E. Beard. 2,378,745; June 19.
Preparation of unsaturated aliphatic gaseous hydrocarbons, etc. R. E. Burk. 2,371,147; Mar. 13.
Preparation of vinyl halides. W. A. Lazier. 2,389,626; Nov. 27.
Preparing a molded zein article and the resulting article. S. J. Bers. 2,385,679; Sept. 25.
Preparing cadavers for burial. C. P. Moody. 2,388,337; Nov. 6.
Prepayment meter. P. Moos. 2,370,480; Feb. 27.
Preservative composition and method. M. V. Noble. 2,375,868; May 15.
Preservative composition and preparing same. F H. Gardner. 2,371,884; Mar. 20.
Preserving foods in flexible-walled fluid-tight bags. H. F. Waters. 2,380,134; July 10.
Preserving rubber. A. M. Neal and J. R. Vincent. 2,388,562; Nov. 6.
Press: *See*—

Automatic molding press.	Multiple sheet metal stamping press.
Baling press.	Portable riveting press.
Bomb loading press.	Power press.
Briquetting press.	Printing press.
Continuous press.	Rotary printing press.
Crank press.	Rotary web printing press
Die press.	Shaping press.
Extrusion press.	Ski press.
Forging press.	Sole attaching press.
Forming press.	Tire press.
Hand punch press.	Toggle lever press.
Hydraulic arbor press.	Triple action automobile body press.
Hydraulic draw press.	Turret press.
Hydraulic press.	Veneer press.
Injection press.	Vulcanizing press.
Intaglio printing press.	Welt shoe press.
Lever press.	
Liquid expressing press.	
Molding press.	

Press. A. A. Byerlein. 2,378,062; June 12.
Press. R. P. Frost. 2,387,839; Oct. 30.
Press. L. M. Kahn. 2,383,723; Aug. 28.
Press. R. Martin. 2,373,770; Apr. 17.
Press. F. J. Rode and M. R. Hatch. 2,389,818; Nov. 27.
Press actuated shutoff. R. H. Blank. 2,386,585; Oct. 9.
Press for automotive vehicle housings and associated parts. M. S. Merrill and L. W. Alfred. 2,372,509; Mar. 27.
Press for consolidating powder in detonating caps and the like. E. Davis and W. F. Gayring. 2,367,103; Jan. 9.
Press for drawing blanks. F. H. Maloney. 2,369,064; Feb. 6.
Press opening device. R. J. Randall. 2,372,852; Apr. 3.
Press pad. J. L. Berger. 2,369,643; Feb. 20.
Press, particularly for photographic purposes. A. W. Perry. 2,375,491; May 8.
Press section for paper making machines, Reverse. E. E. Berry. 2,386,584; Oct. 9.
Press structure. W. Ernst. 2,384,160–1; Sept. 4.
Presser foot for ribbon bindings. R. J. Beyer. 2,377,204; May 29.
Presser foot, Sewing machine. J. Cosentino. 2,384,454; Sept. 11.
Presses, Charging. F. S. Carver. 2,373,539; Apr. 10.
Presses, Method of and apparatus for charging extrusion. A. J. N. Duclos. 2,368,751; Feb. 6.
Pressing and ironing device, Steam-electric. M. M. Kistner. 2,384,839; Sept. 18.
Pressing apparatus for shaping clay and operation. W. J. Miller. 2,379,737; July 3.
Pressing device with endless strips. T. V. Thomas. 2,369,089; Feb. 6.
Pressing head, Fabricated. F. C. Lornitzo. 2,370,612; Feb. 27.
Pressing head, Fabricated multipurpose. F. C. Lornitzo. 2,370,553; Feb. 27.
Pressing iron. E. P. Schreyer. 2,384,644; Sept. 11.
Pressing machine for ends of boxes and covers. W. P. Osgood. 2,381,364; Aug. 7.
Pressure actuated valve. D. G. Taylor. 2,376,525; May 22.
Pressure and temperature responsive mechanism. F. C. Mock. 2,376,711; May 22.
Pressure and vacuum relief device. H. Beddoes. 2,367,260; Jan. 16.
Pressure-applying device, Hydraulic. H. E. Page. 2,386,568; Oct. 9.
Pressure can for frozen foods or the like, Preset. R. Lo Vico. 2,372,331; Mar. 27.
Pressure casting machine. J. R. Schuchardt. 2,386,271; Oct. 9.
Pressure control valve. C. V. Smith. 2,384,202; Sept. 4.
Pressure device, Amplifying fluid. E. A. Rockwell. 2,372,013; Mar. 20.
Pressure establishing mechanism. C. W. Williams. 2,369,704; Feb. 20.
Pressure exerting mechanism. V. E. Rosenlund and C. S. Fuzak. 2,371,547; Mar. 13.
Pressure filter. W. O. Damme and R. J. Gabler. 2,379,848; July 3.
Pressure fluid clutch. L. O. McLean and F. L. White. 2,370,360; Feb. 27.
Pressure gauge. H. Allen. 2,369,650; Feb. 20.
Pressure gauge. L. Dewan. 2,378,201; June 12.
Pressure gauge. W. T. Gordon. 2,372,195; Mar. 27.
Pressure gauge. M. A. Greenfield. 2,367,211; Jan. 16.
Pressure gauge. H. P. Kuehni. 2,376,156; May 15.
Pressure gauge. J. W. Marsh. 2,370,678; Mar. 6.
Pressure gauge. F. C. Sutliffe and R. Ashley. 2,372,864; Apr. 3.
Pressure indicator for hack saws. W. H. Shortell. 2,381,988; Aug. 14.
Pressure limiting means for braking systems. C. B. Fites. 2,366,606; Jan. 2.
Pressure limiting washer assembly. L. Spencer. 2,369,865; Feb. 20.
Pressure measuring apparatus. C. C. Minter. 2,374,945; May 1.
Pressure measuring device. W. V. Hobbs. 2,388,542; Nov. 6.
Pressure mechanism, Fluid. G. E. Huck and F. O. Luenberger. 2,384,169; Sept. 4.
Pressure operated system. H. C. Grant, Jr. 2,368,212; Jan. 30.
Pressure operated tool connector. D. F. Geiger. 2,373,886; Apr. 17.
Pressure pump. A. G. Gurries and T. B. Keesling. 2,370,534; Feb. 27.
Pressure recorder, Bottom hole. H. Allen. 2,366,826; Jan. 9.
Pressure regulating selector valve. J. B. Van Der Werff. 2,377,115; May 29.
Pressure regulator. A. Boynton. 2,366,174; Jan. 2.
Pressure regulator. G. M. Deming. 2,378,468; June 19.
Pressure regulator, bellows type. A. Boynton. 2,371,219; Mar. 13.
Pressure regulator, temperature resistant. A. Boynton. 2,370,139; Feb. 27.
Pressure release valve. E. H. Wittenberg. 2,368,281; Jan. 30.
Pressure relief valve. H. C. Osborn, Jr. 2,373,046; Apr. 3.
Pressure responsive control instrument. R. J. Hurley. 2,386,164; Oct. 2.
Pressure responsive measuring device, Atmospheric. A. O. Grooms. 2,366,897; Jan. 9.
Pressure responsive switch. J. H. Leslie, II. 2,386,807; Oct. 16.
Pressure responsive valve. D. G. Griswold. 2,377,227; May 29.
Pressure roller. W. F. Grupe. 2,374,194; Apr. 24.
Pressure sealing joint. M. A. Gleeson. 2,384,672; Sept. 11.
Pressure sensitive labels, Making. R. S. Avery. 2,391,539; Dec. 25.
Pressure shock absorber for welding systems. B. Baxter and S. M. Kandarian. 2,367,662; Jan. 23.
Pressure snubber. H. C. Trich. 2,372,408; Mar. 27.
Pressure storage tank. C. L. Marner. 2,376,263; May 15.
Pressure system, Fluid. S. Schnell. 2,368,043; Jan. 23.
Pressure switch. C. V. Erickson. 2,381,582; Aug. 7.
Pressure tank. R. C. Ulm. 2,380,089; July 10.
Pressure transfer device. A. E. Baak. 2,369,707; Feb. 20.
Pressure unloading valve. D. Grant. 2,375,411; May 8.
Pressure vessel and making the same, Banded. C. H. Gay. 2,376,351; May 22.
Pressure vessel and support. P. D. Hishon, W. D. Carter, T. N. Ravn, and H. L. Borchers. 2,387,024; Oct. 16.
Pressure vessel closure. H. A. Buehner. 2,389,118; Nov. 20.
Pressure vessel construction. E. F. Miller. 2,375,999; May 15.
Preventing backflow or back-siphonage in a pressure system. F. Carlton. 2,389,413; Nov. 20.
Preventing deterioration in rail fastenings and the like. J. R. Snyder. 2,389,464; Nov. 20.
Prewelt lasting machine. M. Natanson. 2,378,153; June 12.
Prime mover governing mechanism. L. B. Wales. 2,373,621; Apr. 10.
Primer and manufacturing and loading the same. W. P. Hill. 2,366,333; Jan. 2.
Primer cup racking device. C. S. Holcomb and R. Overson. 2,387,661; Oct. 23.
Primer manufacture. C. W. Musser. 2,379,450; July 3.
Primer pocket. S. A. Snell. 2,388,370; Nov. 6.
Priming and deicing means, Fuel. W. D. Cannon and K. A. Browne. 2,366,830; Jan. 9.
Priming control, Pump. K. R. Lung. 2,368,367; Jan. 30.

Print handling device. L. P. Martinek. 2,381,765; Aug. 7.
Print making machine. G. M. Dye. 2,388,837; Nov. 13.
Print trimming gauge. R. A. Ruth. 2,380,267; July 10.
Printer for lenticular color films. J. G. Capstaff and O. E. Miller. 2,382,604; Aug. 14.
Printing. W. L. Jones. 2,375,660; May 8.
Printing. J. M. Lowe. 2,384,843; Sept. 18.
Printing and developing machine, Combined. H. G. Macdonald and J. Hruby. 2,373,040; Apr. 3.
Printing and embossing and apparatus for performing same. W. A. Roehm. 2,390,618; Dec. 11.
Printing and signaling system, Unit transmitter. M. W. Muehter. 2,390,222; Dec. 4.
Printing apparatus. M. Reynolds and H. G. Barrett. 2,367,313; Jan. 16.
Printing apparatus and preparing and using the same. B. F. Terry. 2,384,857; Sept. 18.
Printing apparatus, Scale. F. R. Rott. 2,382,174; Aug. 14.
Printing business machine. J. E. Ostline. 2,376,268; May 15.
Printing composition. J. Duport. 2,372,370; Mar. 27.
Printing compositions, Textile. J. R. Abrams. 2,381,868; Aug. 14.
Printing device index. H. P. Elliott. 2,388,315; Nov. 6.
Printing element attaching device. L. M. Stempel. 2,388,193; Oct. 30.
Printing elements, Producing intaglio. O. R. Huggins. 2,376,596; May 22.
Printing emulsions and preparing them, Textile. R. H. Kienle and A. L. Peiker. 2,374,602; Apr. 24.
Printing, Imbibition. J. F. Kienninger. 2,387,914; Oct. 30.
Printing machine. W. A. Ayres. 2,390,413; Dec. 4.
Printing machine. R. T. Casey. 2,369,433; Feb. 13.
Printing machine. S. Edels. 2,378,989; June 26.
Printing machine. W. T. Gollwitzer. 2,367,395; Jan. 16.
Printing machine. W. T. Gollwitzer. 2,375,842; May 15.
Printing machine. W. T. Gollwitzer. 2,390,583; Dec. 11.
Printing machine. R. L. Hatfield. 2,390,587; Dec. 11.
Printing machine. W. F. Huck. 2,366,335; Jan. 2.
Printing machine. C. L. Low. 2,386,962; Oct. 16.
Printing machine. F. C. Marquardt. 2,380,322; July 10.
Printing machine. H. B. Phillips and H. F. Springer. 2,372,736; Apr. 3.
Printing machine. C. D. Ryan and E. P. Drake. 2,280,331; July 10.
Printing machine. C. H. Sand. 2,382,503; Aug. 14.
Printing machine. C. Walker and W. H. Wade. 2,379,941; July 10.
Printing machine, Intaglio web. A. M. Zuckerman. 2,386,029; Oct. 2.
Printing machine, Multicolor. A. M. Zuckerman. 2,368,341; Jan. 30.
Printing machine, Photographic. G. C. Garraway. 2,380,962; Aug. 7.
Printing machine, Photographic. G. C. Garraway. 2,382,988; Aug. 21.
Printing machine, Thimble. M. E. Trollen. 2,369,871; Feb. 20.
Printing mechanism. H. S. Beattie. 2,381,862; Aug. 14.
Printing mechanism. T. G. Le Clair, J. R. Harrington, and B. H. Smith. 2,366,914; Jan. 9.
Printing mechanism, Alphabetic. H. S. Beattie. 2,386,422; Oct. 9.
Printing mechanism for bookkeeping machines. K. Aurbach. 2,368,627; Feb. 6.
Printing medium. J. Kohler. 2,372,209; Mar. 27.
Printing members, Making curved. F. E. Reilly and C. Holsinger. 2,383,080; Aug. 21.
Printing method and product. S. Isenberg. 2,391,705; Dec. 25.
Printing of cellulose acetate, Discharge. G. W. Seymour and V. S. Salvin. 2,385,885; Oct. 2.
Printing plate, Alloy steel. C. Batcheller. 2,375,210; May 8.
Printing plate and making same, Photogravure. W. G. Mullen. 2,367,420; Jan. 16.
Printing plate clamp. H. M. Barber. 2,369,423; Feb. 13.
Printing plate holder. L. Augustine. 2,370,117; Feb. 27.
Printing plate manufacture. A. J. Spelker. 2,388,878; Nov. 13.
Printing plates, Electrolytic method of producing. J. J. Murray. 2,367,236; Jan. 16.
Printing plates, Making. W. C. Toland and E. Bassist. 2,373,357; Apr. 10.
Printing plates, Preparing. E. Bassist. 2,373,287; Apr. 10.
Printing plates, Preparing. B. F. Terry. 2,381,704; Aug. 7.
Printing point indicator. L. A. Dunstan. 2,372,317; Mar. 27.
Printing press. W. W. Davidson. Re. 22,702; Dec. 4.
Printing press. W. W. Davidson. 2,374,668; May 1.
Printing press. W. W. Davidson. 2,387,750; Oct. 30.
Printing press. I. A. Hunting. 2,376,255; May 15.
Printing press. E. F. Kidrick and W. G. Miller. 2,375,793; May 15.
Printing press. E. Kluge. 2,368,365; Jan. 30.
Printing press. T. E. Piazze. 2,368,776; Feb. 6.
Printing press. E. W. Worthington. 2,366,375; Jan. 2.
Printing press. E. W. Worthington. 2,381,093–4; Aug. 7.
Printing press folder. E. W. Worthington. 2,373,441; Apr. 10.
Printing press inking means and mechanism. A. Taylor and E. W. Worthington. 2,368,500; Jan. 30.
Printing process. F. T. Ortolano. 2,368,157; Jan. 30.
Printing process and device. K. Wolfson. 2,373,732; Apr. 17.
Printing process for textiles. A. Wiazmitinow. 2,389,245; Nov. 20.
Printing roll inking device. H. A. Smith. 2,377,110; May 29.
Printing roller and producing same, Halftone intaglio textile. R. Heberlein and M. Fretz. 2,370,461; Feb. 27.
Printing telegraph apparatus. M. T. Goetz. 2,382,558; Aug. 14.
Printing telegraph apparatus. B. S. Swezey. 2,367,901; Jan. 23.
Printing telegraph receiver. J. A. Spencer and L. F. Reinhold. 2,375,828; May 15.
Prism for optical instruments, Mirror. G. Fassin. 2,378,396; June 19.
Prism system. H. Schmarion. 2,380,469; July 31.
Procedure and equipment for forging or forming articles. C. E. Poole and A. P. Stone. 2,368,069; Jan. 23.
Process. E. C. Herthel. 2,374,996; May 1.
Process and products therefrom. J. E. Kirby. 2,371,052; Mar. 6.
Processing and concentrating fruit juices. J. D. Bering. 2,378,533; June 19.
Processing bacon. M. Britt. 2,388,823; Nov. 13.
Processing machine. T. G. McDougal. 2,380,659; July 31.
Processing of molasses and the like. A. M. Thomsen. 2,380,087; July 10.
Producing acrylonitrile. C. W. Bradley and H. S. Davis. 2,385,327; Sept. 25.
Producing butylene glycol by fermentation and recovering the product. R. T. K. Cornwell. 2,390,779; Dec. 11.
Producing molding compositions and the products thereof. P. C. Schroy, J. Grabowski, and M. J. Scott. 2,388,293; Nov. 6.
Producing unsaturation in hydrocarbons. B. H. Shoemaker and E. L. d'Ouville. 2,381,987; Aug. 14.
Product applicable for tanning purposes. C. Coutor. 2,376,663; May 22.
Production of anhydrous magnesium chloride. A. Belchetz. 2,381,994–5; Aug. 14.
Production of chlorine dioxide E. R. Woodward. 2,388,202; Oct. 30.
Production of ethyl cellulose. H. Dreyfus. 2,381,972; Aug. 14.
Production of highly polymeric organic compounds. R. W. Moncrieff and E. W. Wheatley. 2,388,278; Nov. 6.
Production of ketones. C. Weizmann. 2,388,101; Oct. 30.
Production of terpenes. E. F. Wadley. 2,388,100; Oct. 30.
Production of 2,3,5-trimethyl phenol. D. B. Luten, Jr. 2,370,554; Feb. 27.
Products and process therefor. D. D. Coffman. 2,387,495; Oct. 23.
Products from lignin by hydrogenation, Preparation of. K. Freudenberg and W. Lautsch. 2,390,063; Dec. 4.
Professional cabinet. G. E. Froelich. 2,369,664; Feb. 20.
Profiling airscrew blades or the like. A. M. Young. 2,367,916; Jan. 23.
Profiling attachment for lathes. J. H. Johnson. 2,375,368; May 8.
Profiling machine. E. P. Dorman. 2,390,828; Dec. 11.
Program preselecting and control apparatus. F. H. Owens. 2,385,840; Oct. 2.
Projectile. C. P. Caulkins. 2,375,893; May 15.
Projectile. J. H. Church and W. E. Thibodeau. 2,367,199; Jan. 16.
Projectile. J. H. Church and W. E. Thibodeau. 2,371,151; Mar. 13.
Projectile. A. Fagerlund. 2,371,510; Mar. 13.
Projectile. P. H. Field. 2,391,303; Dec. 18.
Projectile. M. L. Lee. 2,372,383; Mar. 27.
Projectile. W. N. McGee. 2,386,054; Oct. 2.
Projectile. J. A. Mitchell. 2,372,970; Apr. 3.
Projectile. V. N. Vertzinsky. 2,379,203; June 26.
Projectile. H. Wellcome. 2,373,363; Apr. 10.
Projectile, Automatically detonated. L. J. Anderson. 2,389,288; Nov. 20.
Projectile, Bolas. H. Wellcome. 2,373,364; Apr. 10.
Projectile, Explosive. S. T. Farrell. 2,375,983; May 15.
Projectile, Explosive. C. Sittig. 2,369,924; Feb. 20.
Projectile for guns. C. W. Dake. 2,377,839; June 5.
Projectile game. F. C. Hamilton. 2,382,146; Aug. 14.
Projectile, High velocity. G. R. Ericson. 2,389,846; Nov. 27.
Projectile intercepting means. J. Kalnitz. 2,369,464; Feb. 13.
Projectile, Reinforced explosive. W. H. Farr. 2,368,210; Jan. 30.
Projectiles, Tipping. R. K. Hopkins. 2,373,245; Apr. 10.
Projecting system. V. E. Pratt. 2,372,910; Apr. 3.
Projecting television pictures, Process and appliance for. F. E. Fischer. 2,391,451; Dec. 25.
Projection and viewing apparatus. E. C. Weiskopf. 2,378,672; June 19.
Projection apparatus. F. Turrettini. 2,373,929; Apr. 17.
Projection in color. C. A. Birch-Field. 2,385,770; Oct. 2.
Projection screen. B. M. Bodde, Jr. 2,372,173; Mar. 27.
Projection screen. O. Hehn. 2,369,143; Feb. 13.

Projection screen. R. Möller and E. Kosche. 2,381,614; Aug. 7.
Projection screen. H. C. Staehle, E. E. Jelley, and D. E. Bennett, Jr. 2,378,252; June 12.
Projection screen stand. A. L. Raven. 2,382,025; Aug. 14.
Projection stand. B. A. Cousino. 2,380,632; July 31.
Projection system. R. Kingslake and M. Reiss. 2,384,624; Sept. 11.
Projection system for images and sounds. W. F. Clark and A. F. Adams. 2,373,013; Apr. 3.
Projector. A. A. Gillespie, F. Hauser, and A. G. Wise. 2,366,851; Jan. 9.
Projector. W. A. Lebus. 2,384,319; Sept. 4.
Projector apparatus. W. C. Cheney and R. S. Wertheimer. 2,371,504; Mar. 13.
Projector apparatus, Motion picture. J. J. Rausch. 2,373,052; Apr. 3.
Projector, Automatic slide. H. B. Brose. 2,370,004; Feb. 20.
Projector, Cabinet type motion-picture. A. Shapiro and A. A. Shoup. 2,370,587; Feb. 27.
Projector, Flashlight. C. R. and K. L. Pyles. 2,368,779; Feb. 6.
Projector. Internal surface. O. F. Soetbeer. 2,378,870; June 19.
Projector, Micro film. G. A. Berglund. 2,377,476; June 5.
Projector, Motion-picture. R. J. Miller. 2,374,828; May 1.
Projector, Motion picture. R. J. Miller. 2,388,794; Nov. 13.
Projector, Picture. G. S. Monk and F. P. Case. 2,374,768; May 1.
Projector utility case. A. B. Coleman. 2,390,922; Dec. 11.
Prop, Ceiling board. R. Couture. 2,378,984; June 26.
Propane with olefins, Reacting. F. E. Frey. 2,391,148; Dec. 18.
Propellant powder, Manufacture of. L. W. Babcock. 2,370,130; Feb. 27.
Propellent charge holder. N. F. Anderson. 2,369,003; Feb. 6.
Propellent charger holder. A. Adelman. 2,371,139; Mar. 13.
Propeller. J. E. Carol. 2,380,683; July 31.
Propeller. W. W. Everts. 2,373,108; Apr. 10.
Propeller. G. R. Lamoreaux. 2,366,795; Jan. 9.
Propeller. F. Lomax. 2,367,879; Jan. 23.
Propeller. L. E. Reid. 2,385,028; Sept. 18.
Propeller. M. Weber. 2,386,154; Oct. 2.
Propeller, Adjustable. W. L. Effinger, Jr. 2,372,714; Apr. 3.
Propeller, Airplane. B. Bergen. 2,388,464; Nov. 6.
Propeller, Airplane. J. B. Grady. 2,373,825; Apr. 17.
Propeller, Airplane. E. W. Perry. 2,390,733; Dec. 11.
Propeller, Automatic area control. H. W. Mollenhauer. 2,380,540; July 31.
Propeller blade retention, Nonferrous. C. R. Gaskell and M. C. Green. 2,368,656; Feb. 6.
Propeller construction. E. V. Rippingille. 2,374,833–4; May 1.
Propeller construction. T. H. Troller. 2,378,958; June 26.
Propeller control, Hydraulic transmitter receiver. W. S. Hoover. 2,379,301; June 26.
Propeller control mechanism. J. F. Haines and T. B. Martin. 2,391,699; Dec. 25.
Propeller, Controllable pitch. I. B. Humphreys. 2,382,229; Aug. 14.
Propeller drive for marine vessels. N. P. Billing. 2,372,247; Mar. 27.
Propeller drive, Two-speed. R. Daub. 2,372,883; Apr. 3.
Propeller, Fluid. W. L. Upson. 2,378,049; June 12.
Propeller, Folding. R. L. and D. W. Cameron. 2,369,276; Feb. 13.
Propeller, Hollow. W. H. Riley. 2,383,342; Aug. 21.
Propeller mechanism. E. K. Benedek. 2,382,389; Aug. 14.
Propeller pitch control. W. J. Symons. 2,381,991; Aug. 14.
Propeller, Reversible pitch. O. E. Dietrich. 2,384,780; Sept. 11.
Propeller shaft brake. C. H. Turner. 2,375,152; May 1.
Propeller, Single-blade. W. W. Everts. 2,371,160; Mar. 13.
Propeller snare. B. A. Ames. 2,374,261; Apr. 24.
Propeller supporting and driving mechanism. G. L. Williams. 2,369,422; Feb. 13.
Propeller, Swivelling screw. W. A. Loth and S. M. H. Guyot. 2,382,431; Aug. 14.
Propeller, Variable length. G. H. Abeel, III. 2,372,350; Mar. 27.
Propeller, Variable pitch. H. A. Berliner. 2,370,135; Feb. 27.
Propeller, Variable pitch. E. A. Briner. 2,386,587; Oct. 9.
Propeller, Variable pitch. M. Gregor. 2,391,778; Dec. 25.
Propeller, Variable pitch. C. Keller. 2,391,629; Dec. 25.
Propeller, Variable pitch screw. G. Baxter. 2,383,440; Aug. 28.
Propeller with extended drive. E. Martin. 2,371,873; Mar. 20.
Propellers, Airing of antitorque. E. Bossi. 2,383,038; Aug. 21.
Propellers, Making hollow. O. S. Haskell. 2,390,789; Dec. 11.
Propelling device, Centrifugal. G. R. Louthan. 2,385,632; Sept. 25.
Propelling means. A. R. Peirce. 2,374,125; Apr. 17.
Prophylactic sheath or envelope. S. J. Welsh. 2,389,831; Nov. 27.
Propiolyl halides and making them. F. C. Schaefer. 2,388,660; Nov. 6.
Proportioner. E. J. Wendell. 2,374,516; Apr. 24.
Proportioner, Spraying. J. W. R. Stewart. 2,388,445; Nov. 6.
Proportioning pump. W. J. Hughes. 2,391,703; Dec. 25.
Proportioning system, Fluid. T. A. Baker. 2,388,669; Nov. 13.
Propulsion apparatus. J. T. Tucker. 2,381,235; Aug. 7.
Propulsion device, Marine. E. H. Fickler. 2,367,765; Jan. 23.
Propulsion means for vessels. M. E. Baker. 2,367,325; Jan. 16.
Propulsion method in craft supported chiefly by air pressure, Air entrainment. D. K. Warner. 2,387,627; Oct. 23.
Prospecting for buried deposits. E. McDermott. 2,367,592; Jan. 16.
Prospecting, Surface. R. G. Piety. 2,390,270; Dec. 4.
Prospecting system, Geochemical. R. C. Lawlor and H. E. Metcalf. 2,376,366; May 22.
Prosthesis, Denture. E. G. Lang. 2,389,063; Nov. 13.
Protecting apparatus. A. J. Lakatos. 2,378,563; June 19.
Protecting ships against underwater explosion. V. S. Makaroff and N. C. Artsay. 2,385,417; Sept. 25.
Protecting ships at sea. N. M. Hopkins. 2,386,950; Oct. 16.
Protection device. H. Jaffa. 2,371,241; Mar. 13.
Protection device against aerial and other bombardment. F. S. Scott. 2,381,779; Aug. 7.
Protection means. J. N. Good. 2,367,575; Jan. 16.
Protection means and supporting means thereof, Eye. W. H. Lehmberg, C. A. Baratelli, and W. Lown. 2,387,849; Oct. 30.
Protection of electric systems. A. J. McConnell. 2,385,219; Sept. 18.
Protective apparatus. S. T. and F. L. Farrell. 2,375,984; May 15.
Protective apparatus. H. W. Hoffman and G. H. Helmer. 2,383,313; Aug. 21.
Protective apparatus. O. C. Traver. 2,381,527; Aug. 7.
Protective apparatus. A. R. Van C. Warrington. 2,378,268; June 12.
Protective apparatus. A. R. van C. Warrington. 2,381,375; Aug. 7.
Protective arrangement. R. S. Bennett. 2,371,496; Mar. 13.
Protective arrangement. F. M. Starr. 2,376,201; May 15.
Protective cape, Welder's. G. H. Abel. 2,388,234; Nov. 6.
Protective casing for textiles by the yard. W. Polgar. 2,382,332; Aug. 14.
Protective coating. A. B. Richards, J. A. Mickey and J. T. O'Reilly. 2,372,982; Apr. 3.
Protective coating for articles. G. Lindh. 2,367,880; Jan. 23.
Protective coatings for articles. G. Lindh. 2,366,414; Jan. 2.
Protective compositions. J. C. Lum and T. J. Keating. 2,367,954; Jan. 23.
Protective compositions, Bituminous. H. Schiller. 2,382,337; Aug. 14.
Protective cover. H. G. Sydenham, H. W. Clowe, and A. E. Du Bois. 2,368,272; Jan. 30.
Protective device. G. Camilli. 2,369,015; Feb. 6.
Protective device. D. D. MacCarthy. 2,380,255; July 10.
Protective device. R. O. Palmer and H. D. Edgerly. 2,366,870; Jan. 9.
Protective device. E. J. Wade and J. Horvath, Jr. 2,391,758; Dec. 25.
Protective device and using said device. H. Schmarion. 2,379,191; June 26.
Protective device for electrical apparatus. M. G. Leonard. 2,389,373; Nov. 20.
Protective device for electrical apparatus and systems. R. O. Hurst. 2,370,037; Feb. 20.
Protective device for electrical apparatus and systems. M. G. Leonard. 2,376,789; May 22.
Protective device for ships. E. E. K. Edenboro. 2,390,358; Dec. 4.
Protective device, Oil cooler. S. K. Andersen and C. J. Vanous. 2,387,426; Oct. 23.
Protective device, Overload. C. H. Titus. 2,379,323; June 26.
Protective eyepiece. W. A. Whipple and R. L. Malcolm. 2,378,887; June 19.
Protective goggle. H. L. Johnston. 2,368,303; Jan. 30.
Protective layers on magnesium or its alloys, Production of oxidic. G. Elssner and E. Schroder. 2,382,702; Aug. 14.
Protective means. M. L. Taylor. 2,375,146; May 1.
Protective means for aircraft. E. H. Reiss. 2,382,817; Aug. 14.
Protective relay system. G. Steeb. 2,372,134; Mar. 20.
Protective system. S. B. Crary. 2,386,035; Oct. 2.

Protective system. A. J. McConnell. 2,383,329; Aug. 21.
Protective system. H. T. Seeley. 2,378,800; June 19.
Protective system. H. E. Strang and J. W. Butler. 2,389,007; Nov. 13.
Protective system. O. C. Traver and G. W. McKenna. 2,380,805; July 31.
Protective device. E. J. Wade. 2,385,663; Sept. 25.
Protective system, Polyphase. R. P. De Anthony. 2,389,613; Nov. 27.
Protector: *See*—
- Blasting cap fuse protector.
- Bomb protector.
- Chest protector.
- Collet jaw protector.
- Combined canopy and garment protector.
- Drill pipe protector.
- Eye protector.
- Garment protector.
- Head protector.
- Motor protector.
- Pile protector.
- Pole slide protector.
- Rotary filling housing protector.
- Rubber protector.
- Shaft protector.
- Thread protector.
- Wound protector.
- Wrist protector.

Protector. D. F. Alexander. 2,368,084; Jan. 30.
Protector and cleaner for airplanes, Windshield. W. N. Patterson. 2,367,426; Jan. 16.
Protector, Chuck and hose. B. Greenwald. 2,386,791; Oct. 16.
Protector for electric circuits. M. F. Duerkob. 2,386,094; Oct. 2.
Protector for fruit boxes. R. J. Clark. 2,371,425; Mar. 13.
Protector for shoes, Oil repellant. G. Popik. 2,373,596; Apr. 10.
Protein and product, Insolubilizing. R. K. Iler. 2,381,752; Aug. 7.
Protein composition of matter and making. A. A. Levinson, P. L. Julian, and A. G. Engstrom. 2,381,407; Aug. 7.
Protein compositions and masses having improved physical characteristics, Preparation of. J. Bjorksten. 2,389,292; Nov. 20.
Protein from waste material, Separating. E. R. Rushton. 2,379,929; July 10.
Protein furfuryl alcohol-formaldehyde composition. M. T. Harvey. 2,383,792; Aug. 28.
Protein manufacture. R. A. Boyer, J. Crupi and W. T. Atkinson. 2,377,853; June 12.
Protein product and making same. A. K. Smith, H. J. Max, and D. H. Wheeler. 2,370,266; Feb. 27.
Protein product and process. E. J. Cohn. 2,390,074; Dec. 4.
Protein sheet material and making the same. F. C. Atwood. 2,389,605; Nov. 27.
Proteinaceous surface active agents and making same. J. B. Rust and L. Spialter. 2,373,602; Apr. 10.
Proteinaceous wetting agents and making them. J. B. Rust and L. Spialter. 2,373,603; Apr. 10.
Proteinous material. A. K. Balls, W. S. Hale, and T. H. Harris. 2,366,952; Jan. 9.
Proteins, Plasticizing. C. Dangelmajer. 2,374,667; May 1.
Proteins, Precipitation of. E. L. Fritzberg. 2,368,919; Feb. 6.
Protractor. R. R. Knudsen. 2,384,100; Sept. 4.
Protractor means for cutting or sawing machines. W. W. Gardner. 2,366,512; Jan. 2.
Provitamins, Preparation of. H. R. Rosenberg. 2,369,918; Feb. 20.
Puff and making the same, Powder. J. E. Valentine and R. J. Pena. 2,366,681; Jan. 2.
Pull rod carrier. A. M. Rossman. 2,370,687; Mar. 6.
Pull rod carrier. A. M. Rossman. 2,390,177; Dec. 4.
Puller: *See*—
- Bearing and retainer puller.
- Bearing cup puller.
- Blind rivet puller.
- Horn bushing puller.
- Oil seal puller.
- Post puller.
- Sleeve puller.
- Spike puller.
- Standing valve puller.
- Staple puller.
- Weed puller.

Puller tool. G. M. Graham. 2,374,861; May 1.
Pulling tool. R. R. Lawrence. 2,377,249; May 29.
Pulling tool. C. J. Piper. 2,376,721; May 22.
Pulley. W. B. Collier. 2,371,283; Mar. 13.
Pulley, Self-aligning. R. F. Hlavaty. 2,372,378; Mar. 27.
Pulley structure for belt-type elevators. J. C. Reed. 2,391,642; Dec. 25.
Pulleys and the like to shafts, Fixing. W. J. Evans. 2,391,302; Dec. 18.
Pulp, Bleaching. H. R. Murdock and W. P. Lawrence. 2,377,171; May 29.
Pulp container forming apparatus, Sheet. L. M. Wiley. 2,377,392; June 5.
Pulp, Manufacture of sulphite. G. H. Tomlinson. 2,377,282; May 29.
Pulp, Manufacturing of sulphite. G. H. Tomilson. 2,385,955; Oct. 2
Pulp molding and reforming. M. P. Chaplin. 2,377,864; June 12.
Pulp, Production of refined wood. G. A. Richter. 2,380,706; July 31.
Pulp suspensions and the like, Separating solid particles in. E. W. Samson and A. H. Croup. 2,377,524; June 5.
Pulsator for milking machines. E. A. Forsberg. 2,369,731; Feb. 20.
Pulsator for milking machines, Automatic. C. H. Hapgood. 2,379,483; July 3.
Pulse controling apparatus. S. F. Warner. 2,386,760; Oct. 16.
Pulse-integrating circuit. W. N. Tuttle. 2,374,248; Apr. 24.
Pulse repeater, Revertive. R. C. Avery. 2,383,759; Aug. 28.
Pulse repeating system. S. I. Cory. 2,366,834–5; Jan. 9.
Pulse repeating system. R. B. Shanck. 2,366,836–8; Jan. 9.
Pulverizer. N. H. Andrews. 2,376,747; May 22.
Pulverizer. T. H. Arnold. 2,368,961; Feb. 6.
Pulverizer. E. G. Bailey and G. B. Ebersole. 2,378,681; June 19.
Pulverizer. G. B. Ebersole. 2,389,844; Nov. 27.
Pulverizing and classifying apparatus. H. G. and W. H. Lykken. 2,380,321; July 10.
Pulverizing machine. H. J. Seaman. 2,368,331; Jan. 30.
Pulverulent material, Handling. N. F. Linn. 2,379,448; July 3.
Pulverulent materials and dispersions produced thence. C. F. Flint and R. B. F. F. Clark. 2,386,674; Oct. 9.
Pulverulent materials-handling and storage system. C. W. Cannon. 2,374,584; Apr. 24.
Pump: *See*—
- Air or gas pump.
- Aspirator pump.
- Balanced vane pump.
- Bilge pump.
- Boiler feed pump.
- Booster pump.
- Centrifugal cutting pump.
- Centrifugal or rotary pump
- Centrifugal pump.
- Centrifugal separator pump.
- Chemical feeding pump.
- Combination booster pump.
- Deep well pump.
- Diaphragm pump.
- Diffusion pump.
- Dispensing pump.
- Double-action pump.
- Double case pump.
- Engine fuel pump.
- Fluid lift pump.
- Fluid pressure pump.
- Fluid pump.
- Fuel injection pump.
- Fuel pump.
- Gear pump.
- High pressure centrifugal pump.
- High-pressure fluid pump.
- High-pressure hydraulic pump.
- Hoist type pump.
- Hydraulic pump.
- Jet type pump.
- Liquid pump.
- Liquid sealed pump.
- Multiple discharge pump.
- Multiple metering pump.
- Multiple pump.
- Multistage centrifugal pump.
- Oil pump.
- Oil well pump.
- Positive displacement gear pump.
- Pressure pump.
- Proportioning pump.
- Reciprocating pump.
- Reciprocating ram pump.
- Reversible pump.
- Rotary pump.
- Rotary vane pump.
- Self-priming centrifugal pump.
- Self-priming pump.
- Steam jet pump.
- Steam pump.
- Submersible deep well pump.
- Thermal pump.
- Vacuum pump.
- Vane pump.
- Vapor expelling pump.
- Variable-delivery pump.
- Vertical self-priming pump.
- Well pump.

Pump. T. K. Andersen. 2,368,091; Jan. 30.
Pump. A. C. Anderson. 2,377,916; June 12.
Pump. R. Backofen and R. Lapsley. 2,373,642; Apr. 17.
Pump. R. L. Beekman. 2,376,025; May 15.
Pump. E. K. Benedek. 2,373,449; Apr. 10.
Pump. A. Bertea. 2,378,390; June 19.
Pump. H. H. Bohannon. 2,380,144; July 10.
Pump. F. E. Brady, Jr. 2,382,539; Aug. 14.
Pump. R. J. Byroad. 2,367,184; Jan. 16.
Pump. M. L. Edwards. 2,368,528–9; Jan. 30.
Pump. A. M. Hamer. 2,366,397; Jan. 2.
Pump. P. R. Hoopes. 2,383,194; Aug. 21.
Pump. M. W. Huber. 2,381,056; Aug. 7.
Pump. M. W. Huber. 2,385,990; Oct. 2.
Pump. R. J. Jauch and S. Hinds. 2,384,172; Sept. 4.
Pump. E. K. Johansen. 2,379,156; June 26.
Pump. O. W. Johnson. 2,375,923; May 15.
Pump. J. F. Joy. 2,381,910; Aug. 14.
Pump. F. E. Knapp. 2,374,867; May 1.
Pump. C. C. S. Le Clair. 2,377,251; May 29.
Pump. J. R. Lowry. 2,382,080; Aug. 14.
Pump. L. C. Rotter, V. G. Klein, A. D. Reisert, and R. F. Schneller. 2,366,654; Jan. 2.
Pump. A. F. Ruthven. 2,371,846; Mar. 20.
Pump. B. Samelson. 2,385,105; Sept. 18.
Pump. S. Schnell. 2,376,016; May 15.
Pump. A. C. Sinclair. 2,372,523; Mar. 27.
Pump. F. W. Stallmann. 2,390,814; Dec. 11.
Pump. A. J. Stepanoff. 2,383,424; Aug. 21.
Pump. W. F. Thompson. 2,391,806; Dec. 25.
Pump. H. Thorpe-Woods. 2,381,628; Aug. 7.
Pump. L. E. Williams. 2,368,187; Jan. 30.
Pump. W. Wilsmann. 2,376,744; May 22.
Pump. F. C. Woelfer, Jr. 2,390,762; Dec. 11.
Pump. J. C. Woodford. 2,371,940; Mar. 20.
Pump. J. C. Woodford. 2,388,661; Nov. 6.
Pump. A. Zellos. 2,373,526; Apr. 10.
Pump and motor assembly, Self-lubricated and cooled. R. R. Curtis. 2,369,440; Feb. 13.
Pump and seal therefor. S. F. Anderson. 2,366,765; Jan. 9.
Pump and transmission, Hydraulic. L. C. Blair. 2,370,710; Mar. 6.

Pump construction. C. I. Longenecker. 2,375,802; May 15.
Pump construction. C. I. Longenecker. 2,381,220; Aug. 7.
Pump construction, Submerged booster. R. R. Curtis and R. J. Schroeder. 2,369,282; Feb. 13.
Pump control and the like. E. H. Markwart and A. L. Cannon. 2,381,221; Aug. 7.
Pump control means. D. G. Griswold. 2,384,420; Sept. 4.
Pump control system. R. C. Dustin. 2,389,348; Nov. 20.
Pump device for machines for applying coating material to articles moving in processions. G. H. Bierman. 2,387,736; Oct. 30.
Pump for electrically conducting liquids, Electromagnetic. W. G. Thompson. 2,386,369; Oct. 9.
Pump for filling stations and the like, Air operated. E. O. White. 2,391,211; Dec. 18.
Pump for fuel system. A. J. Stepanoff. 2,388,939; Nov. 13.
Pump for internal-combustion engines, Fuel. W. W. Lowther. 2,389,159; Nov. 20.
Pump for internal combustion engines, Fuel feed. R. M. Nardone. 2,368,562; Jan. 30.
Pump for internal-combustion engines, Fuel injector. H. da Costa. 2,366,771; Jan. 9.
Pump for liquid, Centrifugal. G. C. Meredew and A. L. B. Dawson. 2,381,834; Aug. 7.
Pump for liquids, Hydraulic. R. J. Hardey. 2,376,538; May 22.
Pump for mobile fire pumpers. H. E. La Bour. 2,367,032; Jan. 9.
Pump for plastic concrete mixtures. C. I. Longenecker. 2,384,783; Sept. 11.
Pump for plastic, doughy, pasty, or viscous materials. F. M. Roddy. 2,367,691; Jan. 23.
Pump for use in hydraulic transmission of power. W. R. Groves. 2,372,375; Mar. 27.
Pump jack. W. E. Cummins. 2,380,686; July 31.
Pump mechanism. L. C. Rotter. 2,387,684; Oct. 23.
Pump oiler. H. Lainson and A. J. Semotan. 2,389,518; Nov. 20.
Pump or compressor. R. C. Ford. 2,368,013; Jan. 23.
Pump or compressor. R. C. Ford. 2,386,675; Oct. 9.
Pump or motor, Balanced ball type vane. G. A. Waldie. 2,380,886; July 31.
Pump or motor, Hydraulic. W. Ernst. 2,374,592; Apr. 24.
Pump or motor, Rotary. B. D. Allbaugh. 2,380,819; July 31.
Pump or motor unit. C. E. Grosser. 2,381,741; Aug. 7.
Pump or the like, Centrifugal. P. M. Salerni. 2,371,588; Mar. 13.
Pump rod extracting device. H. P. Salverda. 2,373,081; Apr. 3.
Pump seal construction. R. R. Curtis. 2,379,868; July 10.
Pump structure. J. F. Hoffer. 2,383,483; Aug. 28.
Pump structure. R. W. Painter. 2,380,783; July 31.
Pump system, Heat. G. Wilkes and F. M. Reed. 2,375,157; May 1.
Pump unit for drilling machines, Cutting fluid. J. A. Dick. 2,381,650; Aug. 7.
Pump valve structure. J. J. Hennessy. 2,386,794; Oct. 16.
Pump with trunnion mounting of shift ring, Radial. O. M. Summers. 2,371,078; Mar. 6.
Pumping apparatus. J. Mann. 2,375,571; May 8.
Pumping apparatus. J. Mercier. 2,379,539; July 3.
Pumping apparatus. W. H. Wineman. 2,377,913; June 12.
Pumping arrangement. F. J. Sigmund and W. S. Hlavin. 2,386,275; Oct. 9.
Pumping device. H. Rainalter. 2,369,249; Feb. 13.
Pumping machinery, Oil well. H. F. Vickers and K. R. Herman. 2,367,248; Jan. 16.
Pumping mechanism. J. W. Hatch. 2,376,856; May 29.
Pumping mechanism, Fluid. E. J. Svenson. 2,382,452; Aug. 14.
Pumping mechanism, Fluid-operated. C. J. Coberly. 2,368,346; Jan. 30.
Pumping system. G. A. Patterson. 2,387,941; Oct. 30.
Pumping system. M. B. Sennet. 2,381,695; Aug. 7.
Pumping system and apparatus. A. E. Nittka. 2,391,734; Dec. 25.
Pumping system, Multiple stage. M. A. Crosby. 2,366,388; Jan. 2.
Pumping system, Self-priming. F. A. Carpenter. 2,380,924; Aug. 7.
Pumping wells, System of. J. F. Ross. 2,390,124; Dec. 4.
Punch. J. T. Ferry. 2,387,837; Oct. 30.
Punch. P. O. Unger. 2,368,790; Feb. 6.
Punch. P. O. Unger. 2,382,523; Aug. 14.
Punch and die and retainer for same. Interchangeable. D. V. Stellin. 2,378,806; June 19.
Punch and die and retainer for same, Interchangeable. D. V. Stellin. 2,380,343; July 10.
Punch and die and retainer for same, Interchangeable. D. V. Stellin. 2,382,267; Aug. 14.
Punch and die assembly. L. V. Whistler and S. A. Whistler. 2,386,920; Oct. 16.
Punch and die, Interchangeable. A. C. Jackson. 2,387,027; Oct. 16.
Punch and die mechanism. L. V. Whistler and S. A. Whistler. 2,371,565; Mar. 13.
Punch and die mounting. F. K. Kirsch. 2,381,062; Aug. 7.
Punch and die setting. A. C. Jackson. 2,388,546; Nov. 6.
Punch and die unit. J. Joachimi. 2,373,962; Apr. 17.
Punch and extruding tool, Combined. W. P. Hill. 2,367,121; Jan. 9.
Punch, Automatic center. L. A. Sweet. 2,384,707; Sept. 11.
Punch means. R. Kennedy, W. H. D. Hough, and C. H. Bodner. 2,374,436; Apr. 24.
Punch mounting. J. A. Smith. 2,380,123; July 10.
Punch, Pneumatic. K. Gimpel. 2,383,380; Aug. 21.
Punch press mechanism. A. M. MacPheat, E. L. Moon, and E. Sirp. 2,390,600; Dec. 11.
Punch set for punching and riveting machines. L. L. Marchant. 2,379,367; June 26.
Punching apparatus. A. W. Mills, F. J. Furman, and E. J. Rabenda. 2,377,801; June 5.
Punching apparatus. G. F. Wales. 2,378,603; June 19.
Punching device. C. F. Lehmeier. 2,378,777; June 19.
Punching machine. J. T. Ivy. 2,390,371; Dec. 4.
Punching machine, Record. C. R. Doty. 2,390,486; Dec. 4.
Punching mechanism. K. J. Braun and O. E. Kase. 2,387,828; Oct. 30.
Punching metal bars, clips and the like. S. C. Harris and E. B. Greifenhagen. 2,369,896; Feb. 20.
Purification and deodorization process. A. P. Lee and W. Gray King, Jr. 2,368,669; Feb. 6.
Purification of aviation oil. L. P. Sharples. 2,373,350; Apr. 10.
Purification of plant rubbers. I. Williams. 2,390,860; Dec. 11.
Purification of styrene. E. W. Gluesenkamp. 2,370,346; Feb. 27.
Purification of sugar juices and the like. H. A. Vallez. 2,388,195; Oct. 30.
Purification of sugar solutions. A. S. Behrman. 2,388,222; Oct. 30.
Purification of sugar solutions. A. S. Behrman. 2,388,224; Oct. 30.
Purification of sugar solutions and the like. A. S. Behrman. 2,388,223; Oct. 30.
Purification process. G. C. Bailey and J. A. Reid. 2,378,969; June 26.
Purifier, Liquid. J. K. Russell. 2,381,141; Aug. 7.
Purifying and conditioning system, Air. C. K. Steins 2,383,423; Aug. 21.
Purifying and cooling system for lubricating oils. L. P. Sharples. 2,389,555; Nov. 20.
Purifying and degasifying apparatus, Water. J. F. Sebald. 2,379,753; July 3.
Purifying and softening apparatus, Water. R. Adler. 2,372,640; Apr. 3.
Purifying paper pulp, Method and apparatus for. A. Bergès. 2,379,411; July 3.
Purse and billfold, Combined coin. N. H. Swanson. 2,390,748; Dec. 11.
Push button for timepieces, Waterproof. J. Simon. 2,391,803; Dec. 25.
Push-off device. W. Strauss. 2,380,084; July 10.
Push-pull electron tube. N. L. Kiser. 2,374,684; May 1.
Push-pull sound reproducing method and system. A. Badmaieff. 2,385,324; Sept. 25.
Pusher. S. B. Martin. 2,366,923; Jan. 9.
Pusher. S. B. Martin. 2,370,368; Feb. 27.
Pusher, Stack. C. M. Ellis. 2,387,985; Oct. 30.
Putting green. W. F. Brodzik and V. Muranyi. 2,384,723; Sept. 11.
Pyran derivatives, Production of. J. N. Wickert and B. T. Freure. 2,368,186; Jan. 30.
Pyran derivatives, Production of acids from. B. T. Freure. 2,378,996; June 26.
Pyran derivatives, Pyrolosis of. W. J. Toussaint. 2,387,366; Oct. 23.
Pyrazolones, Sulphonamido azo. J. G. McNally and J. B. Dickey. 2,391,180; Dec. 18.
Pyrethrum extract, Purification of. W. F. Barthel and H. L. J. Haller. 2,372,183; Mar. 27.
Pyrethrum preparations, Stabilization of. J. C. de Jonge. 2,375,773; May 15.
Pyridine derivatives and manufacture of same. O. Schnider. 2,384,136–7; Sept. 4.
Pyridine derivatives and the manufacture of same. M. Hoffer. 2,389,054; Nov. 13.
Pyridine-3,4-dinitriles. R. Kuhn and O. Westphal. 2,371,694; Mar. 20.
Pyridine-3-sulphonamide derivatives and their production. R. O. Roblin, Jr., and R. C. Clapp. 2,367,058; Jan. 9.
Pyridinium compounds and making the same, Certain. M. De Groote and B. Keiser. 2,386,936; Oct. 16.
Pyrimidine derivatives and preparing the same. H. Andersag and K. Westphal. 2,377,395; June 5.
Pyrimidines, Preparation of. A. M. Moos and R. W. Price. 2,375,735; May 8.
Pyrolysing method and apparatus. N. K. Chaney. 2,372,186; Mar. 27.
Pyrolysis of alkanols. J. L. Amos and F. J. Soderquist. 2,391,667; Dec. 25.
Pyrolysis of pinane. A. L. Rummelsburg. 2,388,084; Oct. 30.
Pyrolysis products of solid polymers of ethylene. R. M. Joyce, Jr. 2,372,001; Mar. 20.
Pyromagnetic motor. J. A. Hindle. 2,391,313; Dec. 18.

Pyrometer, Surface temperature. J. W. Percy, J. Johnston, and R. B. Sosman. 2,366,285; Jan. 2.
Pyrometer tube. J. W. Percy. 2,374,377; Apr. 24.
Pyrometry. J. P. Vollrath. 2,369,624; Feb. 13.
Pyrotechnic, Aircraft. M. W. Lloyd. 2,381,130; Aug. 7.
Pyrrole, Recovery of. K. H. Engel. 2,388,475; Nov. 6.
Pyrroles, Manufacture of substituted. M. A. T. Rogers. 2,382,915–17; Aug. 14.
Quack grass digging apparatus. C. Koehler. 2,384,685; Sept. 11.
Quaternary thiazolium compounds and manufacture thereof. H. Andersag and K. Westphal. 2,386,766; Oct. 16.
Quebrachitol from rubber latex serum, Recovering. W. J. Hart. 2,378,141; June 12.
Quencher, Arc. D. I. Bohn. 2,381,637; Aug. 7.
Quenching device. W. P. Shaks. 2,387,414; Oct. 23.
Quenching device for heat-treating apparatus. H. E. Somes. 2,371.117; Mar. 6.
Quick-acting control valve. C. A. Balton. 2,387,733; Oct. 30.
Quick-acting door. F. M. Lambert. 2,373,480; Apr. 10.
Quick adjustable wrench. F. A. Ollmann. 2,378,241; June 12.
Quick-coupling clamp. J. T. King. 2,368,929; Feb. 6.
Quick detachable coupling. G. L. Hurst. 2,370,354; Feb. 27.
Quick freezing apparatus. G. W. Mathews. 2,382,084; Aug. 14.
Quick releasing tricing block. J. G. Dunn. 2,370,151; Feb. 27.
Quick reversing motor. W. W. Warner. 2,367,982; Jan. 23.
Quick reversing single phase motor. F. W. Suhr and W. W. Warner. 2,380,270; July 10.
Quinoline salts as insecticides. E. Kolb. 2,387,591; Oct. 23.
Quinones, Producing. R. T. Arnold. 2,373,003; Apr. 3.
Quiz board. G. G. Eppley. 2,384,539; Sept. 11.
Raceway clearing device. S. L. Gookin. 2,390,066; Dec. 4.
Racemic alpha-hydroxy-β,β-dimethyl-gamma-butyrolactone, Resolution of. M. Tishler and R. H. Beutel. 2,383,524; Aug. 28.
Racemization of α-hydroxy-β,β-dimethyl-gamma-butyrolactone. J. Wrijlard and J. P. Messerly. 2,377,390; June 5.
Rack: *See*—
Battery charging rack.
Bomb rack.
Bottle disposal rack.
Dispensing rack.
Display rack.
Folding clothes rack.
Hose rack.
Loading rack.
Merchandise storage and dispensing rack.
Milk pipe rack.
Paper roll rack.
Paper roll supporting rack.
Razor rack.
Stationary broiling rack.
Storage rack.
Tie rack.
Tire service rack.
Tool supporting rack.
Towel rack.
Tree-type display rack.
Vehicle rack.
Rack. W. S. Holabird and T. B. Betterton. 2,386,396; Oct. 9.
Rack and bagger, Garment bag. W. R. Kohl. 2,385,996; Oct. 2.
Rack combination, Trackway work station. W. H. Joyce, Jr. 2,367,218; Jan. 16.
Rack construction. S. Saul, Jr. 2,367,315; Jan. 16.
Rack for milk can covers, Sanitary. M. O. Eng. 2,370,455; Feb. 27.
Rack for optical dies, Plating. A. K. Graham, C. V. Smith, and F. P. Williams. 2,372,567; Mar. 27.
Rack for shoes or like articles, Foldable, and suspendable. H. E. Hoffman. 2,389,910; Nov. 27.
Rack structure for freight vehicles. G. H. Liebegott and M. Seel. 2,370,551; Feb. 27.
Radiant energy receiving device. C. H. Wyss, Jr. 2,367,816; Jan. 23.
Radiant heater. D. Edge. 2,391,447; Dec. 25.
Radiant heating apparatus. J. Kaminski. 2,387,516; Oct. 23.
Radiator. J. F. Belaieff. 2,376,749; May 22.
Radiator system for Diesel locomotives. C. C. C. Burkhardt. 2,371,501; Mar. 13.
Radiator systems, Means for controlling. J. G. Arthur. 2,376,412; May 22.
Radiator valve. F. B. Rutherford and J. V. Vulpen. 2,389,387; Nov. 20.
Radiators, Assembling. E. V. Rippingille. 2,385,542; Sept. 25.
Radiators, Manufacturing heat. G. C. Barnes. 2,368,403; Jan. 30.
Radii and angle dresser. H. S. Jakobsen. 2,366,623; Jan. 2.
Radio alarm system. J. R. Schick. 2,367,378; Jan. 16.
Radio and like tube socket and contact for the same. S. M. Del Camp. 2,369,541; Feb. 13.
Radio and phonograph system, Combined. J. W. White and L. A. G. ter Veen. 2,379,617; July 3.
Radio and television receivers at a distance, Method and system for controlling. J. H. Homrighous. 2,369,783; Feb. 20.
Radio antenna. W. van Benschoten. 2,366,299; Jan. 2.
Radio antenna controlling system. E. S. Peterson. 2,374,892; May 1.
Radio antenna for automobiles and the like. A. T. Mace. 2,384,631; Sept. 11.
Radio antenna system. M. Bruce. 2,387,116; Oct. 16.
Radio beacon with quadrant identification. A. Alford. 2,367,177; Jan. 16.
Radio cabinet. W. P. Lear. 2,377,432; June 5.
Radio communication system. C. W. Hansell. 2,379,899; July 10.
Radio communication system. H. W. Sheridan. 2,376,393; May 22.
Radio control device. A. E. Gersch. 2,367,860; Jan. 23.
Radio control, Remote. K. A. Kopetzky. 2,388,748; Nov. 13.
Radio control system and multiple circuit switch. E. F. McDonald, Jr. 2,374,873; May 1.
Radio control unit with interference suppression. C. D. Haigis. 2,379,799; July 3.
Radio direction finder. J. E. Browder and F. L. Moseley. 2,369,132; Feb. 13.
Radio direction finder. D. G. C. Luck. 2,387,670; Oct. 23.
Radio direction finding system. C.-E. Granqvist. 2,388,263; Nov. 6.
Radio direction finding system. W. P. Lear. 2,384,317; Sept. 4.
Radio direction finding system, Dual automatic. G. B. Greene and P. O'Connor. 2,368,921; Feb. 6.
Radio directional indication system. E. S. Purington. 2,367,372; Jan. 16.
Radio frequency motor control. E. L. Crandell. 2,391,086; Dec. 18.
Radio frequency oscillator power supply circuit. O. H. Schade. 2,374,781; May 1.
Radiographic exposure meter. H. Friedman and A. L. Christenson. 2,383,478; Aug. 28.
Radio guidance system. W. P. Lear. 2,379,362; June 26.
Radio listening habits, Registering. J. V. L. Hogan. 2,368,761; Feb. 6.
Radio localizer system, Aircraft. W. P. Lear. 2,379,363; June 26.
Radiometric titration method. A. Langer. 2,367,949; Jan. 23.
Radio program preselector, Time-controlled. K. J. Magnusson. 2,389,990; Nov. 27.
Radio quartz crystals, Multiple edging and squaring. L. A. Faber. 2,383,638; Aug. 28.
Radio range navigation device. E. A. Guditz. 2,370,305; Feb. 27.
Radio receiver. H. C. Lawrence, Jr. 2,387,666; Oct. 23.
Radio receiver. C. S. Root. 2,366,559; Jan. 2.
Radio receiver. G. O. Striker. 2,378,663; June 19.
Radio receiver, Carrier controlled. R. L. Hollingsworth. 2,371,392; Mar. 13.
Radio receiver control means. R. P. Dimmer. 2,379,284; June 26.
Radio receiver, Diversity. R. C. Mathes. 2,375,126; May 1.
Radio receiver, Portable. G. Patterson, Jr. 2,388,567; Nov. 6.
Radio receiver, Super regenerative. G. E. Banks. 2,379,673; July 3.
Radio receivers, Tuning of. G. B. Baker and G. F. Hawkins. 2,374,265; Apr. 24.
Radio receiving system. J. R. Davey. 2,384,456; Sept. 11.
Radio receiving system. P. A. D'Orio and J. W. Huff. 2,390,209; Dec. 4.
Radio receiving system. C. C. Taylor. 2,375,051; May 1.
Radio reception, Method and apparatus for simultaneous aural and panoramic. M. Wallace and H. G. Miller. 2,381,940; Aug. 14.
Radio relaying system. C. W. Hansell. 2,382,414; Aug. 14.
Radio repeater. B. Trevor. 2,369,268; Feb. 13.
Radio scanning system. R. J. McElhannon. 2,380,981; Aug. 7.
Radio service system. R. A. Hilferty. 2,378,299; June 12.
Radio shielding. M. F. Peters and R. H. Stone. 2,368,376; Jan. 30.
Radio signal system. S. W. Seeley and J. A. Rankin. 2,388,576; Nov. 6.
Radio signaling system, Multichannel. N. R. Bligh, D. M. Heller, and L. C. Stenning. 2,380,288; July 10.
Radiosonde antenna system. C. B. Pear, Jr. 2,366,423; Jan. 2.
Radiosonde system, Chronometric. J. A. Siderman. 2,381,009; Aug. 7.
Radio system. C. W. Hansell. 2,381,444; Aug. 7.
Radio system for obtaining bearings. E. Müller. 2,368,318; Jan. 30.
Radio telephone system. A. F. Bowers. 2,383,908; Aug. 28.
Radio transmission, Short-wave. G. C. Southworth. 2,369,808; Feb. 20.
Radio transmission system. R. M. Sprague and E. G. Fraim. 2,387,098; Oct. 16.
Radio transmitter. T. H. Price. 2,381,181; Aug. 7.
Radio transmitter. J. E. Young. 2,389,835; Nov. 27.
Radio transmitting system, Direction. W. P. Lear. 2,375,421; May 8.
Radio tube. A. Binneweg, Jr. 2,372,649; Apr. 3.
Radio tube clamp. P. Whittell and F. J. Carraine. 2,388,650; Nov. 6.
Radio tube extractor. J. W. Whitney. 2,380,126; July 10.
Radio tube socket. A. W. Franklin. 2,380,589; July 31.

Radio tube socket. H. O. Lorenzen. 2,374,221; Apr. 24.
Radio tubes, lamps and the like, Method and apparatus for repairing. N. A. Hendry. 2,371,327; Mar. 13.
Radio tuner, Automatic. J. L. Swallow. 2,366,573; Jan. 2.
Radio warning system. G. L. Beers. 2,367,327; Jan. 16.
Radius fixture. M. J. Gieleghem. 2,367,574; Jan. 16.
Raft, Catamaran type life. G. H. W. Doose. 2,377,215; May 29.
Raft, Inflatable life. J. A. Walsh. 2,390,199; Dec. 4.
Raft, Life. E. D. Taylor. 2,367,902; Jan. 23.
Rail anchor. R. A. Thomann and J. A. Hyle. 2,373,923; Apr. 17.
Rail anchor, Two-piece. J. W. Skeel. 2,371,413; Mar. 13.
Rail and frog carrying device. F. F. Zavatkay. 2,368,910; Feb. 6.
Rail bender. D. A. Benner. 2,367,710; Jan. 23.
Rail bond and making the same. E. J. Sabol. Re. 22,599; Feb. 6.
Rail extractor. P. Spiegel. 2,368,269; Jan. 30.
Rail fastening. R. P. Clarkson. 2,387,009; Oct. 16.
Rail fastening. J. R. Snyder. 2,378,590; June 19.
Rail fastening, Adjustable resilient. F. W. Holstein. 2,386,315; Oct. 9.
Rail flaw detector mechanism. H. C. Drake. 2,367,848; Jan. 23.
Rail flaw detector mechanism. H. C. Drake. 2,390,783; Dec. 11.
Rail, Folding bed. J. R. Thomas. 2,370,890; Mar. 6.
Railroad seat. J. Hill. 2,383,125; Aug. 21.
Railroad tie, Metallic. A. L. Ezell. 2,386,100; Oct. 2.
Railroad track cleaner. E. Tackett. 2,374,312; Apr. 24.
Railway brake. C. L. Eksergian. 2,382,550; Aug. 14.
Railway braking apparatus. H. C. Clausen and L. K. Hedding. 2,372,550; Mar. 27.
Railway braking system. E. H. Piron. 2,368,726; Feb. 6.
Railway car. O. Jabelmann. 2,380,528; July 31.
Railway car end construction. H. D. Breen and A. F. O'Connor. 2,373,378; Apr. 10.
Railway car side door. K. F. Nystrom. Re. 22,633; Apr. 17.
Railway car structure. G. G. Gilpin. 2,390,434; Dec. 4.
Railway car structure. W. J. Tangerman. 2,380,086; July 10.
Railway car tether releasing means. J. F. Day. 2,370,523; Feb. 27.
Railway car truck. G. E. Dath. 2,386,384; Oct. 9.
Railway car truck. S. B. Haseltine. 2,375,918; May 15.
Railway crossing. J. V. Houston and B. R. Habel. Re. 22,663; Aug. 14.
Railway dump car door operating mechanism. W. F. Batho. 2,371,277; Mar. 13.
Railway frog body. C. W. Breed. Re. 22,630; Apr. 17.
Railway hatch cover and locking means therefor. F. Ditchfield. 2,372,369; Mar. 27.
Railway mail delivery device. P. Bernstein. 2,379,412; July 3.
Railway, Miniature. L. B. Green. 2,387,578; Oct. 23.
Railway signaling system. O. S. Field. 2,379,512; July 3.
Railway signaling system. A. L. Jerome. 2,369,053; Feb. 6.
Railway signaling system. J. J. Van Horn. 2,370,094; Feb. 20.
Railway skate control and operating apparatus. G. T. Clark. 2,390,055; Dec. 4.
Railway switch circuit controller. H. L. Bone. 2,373,451; Apr. 10.
Railway switch controlling apparatus. R. A. McCann. 2,368,766; Feb. 6.
Railway switch mechanism. R. Abercrombie. 2,376,952; May 29.
Railway switch operating apparatus. H. L. Bone. 2,380,145; July 10.
Railway switch operating apparatus. H. L. Bone. 2,385,492; Sept. 25.
Railway switch operating mechanism. H. L. Bone. 2,387,826; Oct. 30.
Railway switch operating apparatus. M. A. Nyberg. 2,371,064; Mar. 6.
Railway switch operating apparatus. G. L. Temple. 2,373,517; Apr. 10.
Railway track assembly. G. J. H. Siebert. 2,377,273; May 29.
Railway track circuit apparatus. P. N. Martin. 2,367,729; Jan. 23.
Railway track circuit apparatus. H. A. Thompson. 2,367,742; Jan. 23.
Railway traffic controlling apparatus. E. M. Allen. 2,385,179; Sept. 18.
Railway traffic controlling apparatus. H. L. Black. 2,375,890; May 15.
Railway traffic controlling apparatus. H. L. Bone and C. E. Staples. 2,383,037; Aug. 21.
Railway traffic controlling apparatus. P. H. Crago. 2,378,751; June 19.
Railway traffic controlling apparatus. C. W. Failor. 2,366,776 Jan. 9.
Railway traffic controlling apparatus. H. A. Haines. 2,367,723; Jan. 23.
Railway traffic controlling apparatus. A. L. Jerome. 2,372,580; Mar. 27.
Railway traffic controlling apparatus. F. H. Nicholson. 2,380,864; July 31.
Railway traffic controlling apparatus. N. C. Shaw. 2,368,785; Feb. 6.
Railway traffic controlling apparatus. H. A. Thompson and J. J. Van Horn. 2,370,091; Feb. 20.
Railway traffic controlling apparatus. J. J. Van Horn. 2,374,792; May 1.
Railway traffic controlling apparatus. W. W. Wenholz. 2,375,969; May 15.
Railway truck brake beam support. E. G. Busse. 2,383,955; Sept. 4.
Railway truck brake structure. C. F. Frede. 2,374,738; May 1.
Railway truck structure. C. F. Frede. 2,374,739; May 1.
Railway truck structure. O. Jabelmann. 2,372,380; 2,372,380; Mar. 27.
Railway truck structure. H. M. Pflager. 2,374,776–7; May 1.
Railway truck structure. J. C. Travilla, Jr. 2,369,991; Feb. 20.
Railway vehicle. A. W. Bruce. 2,368,590; Jan. 30.
Rain gauge. F. W. Larson. 2,381,602; Aug. 7.
Rain gauge. J. B. Moore. 2,384,954; Sept. 18.
Raising sunken ships. C. E. Kittinger. 2,390,654; Dec. 11.
Rake and stacker, Tractor operated. C. O. Messing. 2,372,908; Apr. 3.
Rake attachment for vehicles. E. Sembler and J. E. Gerard. 2,371,549; Mar. 13.
Rake, Dump. F. T. Blaydes. 2,366,234; Jan. 2.
Rake, Dump. A. E. Rutter. 2,380,190; July 10.
Rake, Metal. J. H. Lewis. 2,386,617; Oct. 9.
Rake, Side delivery. F. D. Jones. 2,370,355; Feb. 27.
Rake, stacker, and loader, Combination sweep stack. T. G. Walker. 2,371,273; Mar. 13.
Rake, Tractor. P. P. Hicks. 2,388,411; Nov. 6.
Rake, Tractor dump. C. H. Gemberling. 2,377,686; June 5.
Rake, Tractor operated sweep. H. H. Ringger. 2,372,638; Mar. 27.
Ram, Pneumatic launching. H. K. Ward, I. W. Skillings, and W. S. Brown. 2,370,431; Feb. 27.
Ram, Pneumohydraulic. J. D. Langdon. 2,371,450; Mar. 13.
Ram travel, Equalizing hydraulic. R. J. Hess. 2,377,007; May 29.
Ramp for vehicles, Portable. H. A. Sherry. 2,370,427; Feb. 27.
Range. I. V. Brumbaugh. 2,376,571; May 22.
Range apparatus. H. E. Cossin. 2,367,007; Jan. 9.
Range apparatus. H. E. Cossin. 2,384,075; Sept. 4.
Range boiler. S. W. Ford. 2,366,507; Jan. 2.
Range construction. S. H. Hobson and H. H. Ring. 2,390,438; Dec. 4.
Range finder. G. A. Brueske. 2,378,354; June 12.
Range finder. J. Galamb, A. O. Roberts, and H. A. Chubbuck. 2,383,185; Aug. 21.
Range finder. E. B. Hammond and D. J. Campbell. 2,382,991; Aug. 21.
Range finder. E. K. Kaprelian. 2,386,614; Oct. 9.
Range finder. B. E. Luboshez. 2,373,406; Apr. 10.
Range finder. G. P. Silverstein. 2,371,779; Mar. 20.
Range finder for cameras. M. Schwartz and W. Castedello. 2,376,982; May 29.
Range finder for cameras. H. Schwartz and W. Castedello. 2,388,714; Nov. 13.
Range finder, Optical. H. E. Ives. 2,390,652; Dec. 11.
Range-finding apparatus. B. N. Wallis. 2,388,197; Oct. 30.
Range, Gas. A. L. Rose. 2,387,809; Oct. 30.
Range of magnetic detectors, Determining the effective. P. P. Horni. 2,378,014; June 12.
Range or distance finder and try-square, Combination. H. G. Whitmore. 2,377,987; June 12.
Range quadrant identification circuit. L. Norton. 2,379,739; July 3.
Ranging device. W. B. Klemperer. 2,384,098; Sept. 4.
Rasp and making same, Buffing. L. A. Crocker. 2,382,209; Aug. 14.
Rattrap. E. B. Rice. 2,377,967; June 12.
Ratchet and pawl mechanism. F. Waller. 2,377,733; June 5.
Ratchet measuring wrench. K. R. Larson and G. M. Walraven. 2,374,217; Apr. 24.
Ratchet wrench. J. E. Cronan. 2,376,575; May 22.
Rate controller, Heating. R. J. Smith. 2,385,308; Sept. 18.
Rate determining mechanism. J. K. Macomber. 2,389,861; Nov. 27.
Rate-of-climb indicator. De W. R. Goddard. 2,379,293; June 26.
Rate-of-climb indicator. A. R. Lee. 2,378,227; June 12.
Rate of climb indicator. D. G. C. Luck. 2,369,788; Feb. 20.
Rate of rise circuit contact operating device. J. F. Rowe and J. E. Rowe. 2,388,645; Nov. 6.
Rate of turn meter and bank indicator. P. A. Noxon. 2,387,938; Oct. 30.
Ratio changer, Line shaft. F. J. Morith. 2,373,138; Apr. 10.
Rattle. V. D. Desmond. 2,380,368; July 10.
Rattle. O. E. Magnuson. 2,386,561; Oct. 9.
Raw material for resin synthesis. Le R. U. Spence and C. H. McKeever. 2,381,855; Aug. 7.

Ravioli, Method of and apparatus for making. M. Valdastri, Sr. 2,386,993; Oct. 16.
Ray sight and film holder for X-ray machines. J. Homer. 2,382,484; Aug. 14.
Rayon. W. K. Farr. 2,371,233; Mar. 13.
Rayon, Manufacture of. G. I. Thurmond. 2,369,190; Feb. 13.
Rayon, Manufacture of. G. I. Thurmond. 2,369,191; Feb. 13.
Rayon or nylon tire cord inspecting reel. C. A. Hogan. 2,376,773; May 22.
Razor. H. H. Clein. 2,388,722; Nov. 13.
Razor. J. L. Kleinman. Re. 22,638; Apr. 24.
Razor. E. M. Perkins. 2,383,887; Aug. 28.
Razor. J. E. Ross. 2,370,815; Mar. 6.
Razor. H. Schwartz. 2,375,444; May 8.
Razor and blade, Safety. J. Muros. 2,367,422; Jan. 16.
Razor and blade, Safety. M. J. Shnitzler. 2,371,412; Mar. 13.
Razor blade carrier. Z. Auerbach. 2,367,084; Jan. 9.
Razor blade holder. H. S. Stern. 2,369,618; Feb. 13.
Razor blade holder for sharpening. P. C. Rhegas. 2,391,741; Dec. 25.
Razor blade sharpener and adjustable mirror. J. Konsel. 2,366,338; Jan. 2.
Razor blades, Holder for stropping. L. E. Hansen. 2,368,924; Feb. 6.
Razor, Electric. C. L. Henningsen. 2,387,756; Oct. 30.
Razor, Floating. G. Monnet. 2,387,765; Oct. 30.
Razor, Mechanical. J. Sonne. 2,372,401; Mar. 27.
Razor of the dry shaver type, Safety. H. H. McGuffin. 2,371,535; Mar. 13.
Razor, Power. W. P. Boyd. 2,375,521; May 8.
Razor rack. C. E. Dunham. 2,390,060; Dec. 4.
Razor, Safety. D. Bensel. 2,386,536; Oct. 9.
Razor, Safety. C. K. Brandt, Sr. 2,382,957; Aug. 21.
Razor, Safety. E. A. Brooke. 2,372,635; Mar. 27.
Razor, Safety. F. H. Eve and A. E. Clark. 2,379,479; July 3.
Razor, Safety. M. Feldman. 2,366,445; Jan. 2.
Razor, Safety. L. Frank. 2,381,043; Aug. 7.
Razor, Safety. F. A. Gaide. 2,367,571; Jan. 16.
Razor, Safety. R. S. McWatters. 2,372,100; Mar. 20.
Razor, Safety. J. M. Mellon. 2,374,612; Apr. 24.
Razor, Safety. J. Muros. 2,367,517; Jan. 16.
Razor, Safety. V. B. Nelson. 2,369,685; Feb. 20.
Razor, Safety. J. W. O'Mealey. 2,383,882; Aug. 28.
Razor, Safety. F. C. Rojahn. 2,376,276; May 15.
Razor, Safety. N. Testi. 2,377,388; June 5.
Razor, Safety. N. Testi. 2,386,727; Oct. 9.
Razor, Safety. G. E. Traynham. 2,389,470; Nov. 20.
Razor, Safety. R. C. Warner. 2,391,606; Dec. 25.
Razors, Element for safety. V. T. Van Slyke. 2,367,547; Jan. 16.
Reactance. R. W. Keiser. 2,387,797; Oct. 30.
Reactance control circuit. M. G. Crosby. 2,383,848; Aug. 28.
Reactance tube. M. G. Crosby. 2,371,285; Mar. 13.
Reactance tube circuit. F. G. Marble. 2,382,436; Aug. 14.
Reacting furfuryl alcohol and acid condensation products of furfuryl alcohol with glyoxal and polymerized glyoxal and products produced thereby. M. T. Harvey and R. F. Durst. 2,383,793; Aug. 28.
Reaction mixtures containing aldehydes, Separation of. H. M. Stanley and W. A. Smart. 2,372,031; Mar. 20.
Reaction of acetone with unsaturated compounds. O. W. Shannon. 2,381,371; Aug. 7.
Reaction process. W. Davey. 2,389,246; Nov. 20.
Reaction product and making same, Esterification. M. De Groote and B. Keiser. 2,382,612; Aug. 14.
Reaction product of alkyleneimine with ammonium thiocyanate. R. A. Mathes. 2,376,796; May 22.
Reaction products of secondary aliphatic alcohol and formaldehyde and producing the same. M. T. Harvey. 2,388,409; Nov. 6.
Reaction products and triazine derivatives. G. F. D'Alelio. 2,378,198; June 12.
Reaction products of aldehydes and diazine derivatives. G. F. D'Alelio. 2,379,691; July 3.
Reaction products of aldehydes and diazine derivatives. G. F. D'Alelio and J. W. Underwood. 2,382,211; Aug. 14.
Reaction products of alkylated phenols and terpene-phosphorous sulphide. R. L. May. 2,379,312; June 26.
Reaction products of an aldehyde and a triazole derivative. G. F. D'Alelio. 2,369,948; Feb. 20.
Reaction products of an aldehyde and a triazole derivative. G. F. D'Alelio. 2,384,369; Sept. 4.
Reaction products of dienes and producing same. A. A. Miller and T. F. Bradley. 2,382,803; Aug. 14.
Reaction products of hydroxylated polyamines, higher molecular weight carboxylic acids and organic sulphonic acids. D. W. Jayne, Jr., and H. M. Day. 2,391,830; Dec. 25.
Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. M. E. Cupery. 2,369,439; Feb. 13.
Reactions between organic nitrogen compounds and reaction products of formaldehyde with sulphamates. J. F. Walker. 2,369,503; Feb. 13.
Reactions of tertiary olefins with aldehydes. R. Rosen and E. Arundale. 2,368,494; Jan. 30.
Reactor. W. E. Hulsberg. 2,391,315; Dec. 18.
Reactor. L. A. Mekler and C. G. Gerhold. 2,369,478; Feb. 13.
Reactor. G. T. Tobiasson. 2,388,451; Nov. 6.
Reactor construction. E. C. Wentz. 2,374,059; Apr. 17.
Reactors, Cooling current limiting. L. E. Sauer. 2,387,947; Oct. 30.
Reading aid for scaled implements. J. Kamienski. 2,367,872; Jan. 23.
Reading and projection apparatus. V. E. Pratt. 2,369,248; Feb. 13.
Readout device with rounding off control means incorporated. J. N. Wheeler. 2,366,890; Jan. 9.
Reagent preparation and use in separation of unsaturated hydrocarbons. W. A. Schulze and L. C. Morris. 2,386,358; Oct. 9.
Reamer. A. L. Anderson. 2,377,660; June 5.
Reamer. J. L. Boland. 2,367,560; Jan. 16.
Reamer. F. A. Miller. 2,372,219; Mar. 27.
Reamer, Adjustable. W. R. Vosper. 2,376,021; May 15.
Reamer, Adjustable blade. M. K. Macafee. 2,369,587; Feb. 13.
Reamer, Automatic. H. A. Doerner. 2,380,098; July 10.
Reamer, cylinder ridge. W. F. Mitchell. 2,380,605; July 31.
Reamer, Expanding. H. E. McCallion. 2,385,999; Oct. 2.
Reamer, Expansion. J. H. Gracey. 2,381,899; Aug. 14.
Reamer, Floating. F. V. Calhoun. 2,371,127; Mar. 13.
Reamer, Spring blade. J. Gordon. 2,380,517; July 31.
Reaming and honing device. F. W. Steenbock and W. P. Naegele. 2,366,158; Jan. 2.
Reaming tool. D. R. King. 2,368,476; Jan. 30.
Rearview device. C. Barden. 2,375,887; May 15.
Recap mold. D. M. MacMillan. 2,372,216–7; Mar. 27.
Recap tire balancing wheel. F. Sherwood and C. J. Kriz. 2,390,008; Nov. 27.
Receiver: *See*—
Frequency modulation receiver.
Receiver. H. L. Dietrich. 2,369,542; Feb. 13.
Receiver, Ash. R. N. Baylis. 2,380,377; July 31.
Receiver, Ash. R. H. Weber. 2,388,585; Nov. 6.
Receiver-assembly for firearms. D. M. Williams. 2,373,213; Apr. 10.
Receiver desensitizing circuit. D. F. Vrooman. 2,369,193; Feb. 13.
Receiver, Fare. G. E. Collins. 2,367,999; Jan. 23.
Receiver for remote control systems, Selective. A. P. Jackel. 2,381,499; Aug. 7.
Receiver for single side band systems. C. E. Weaver. 2,379,052; June 26.
Receiver, Frequency modulated carrier wave. P. F. G. Holst and L. R. Kirkwood. 2,367,352; Jan. 16.
Receiver, Frequency modulation. J. M. Jadraque and L. J. Cavallero. 2,381,754; Aug. 7.
Receiver, Frequency modulation. G. L. Usselman. 2,382,590; Aug. 14.
Receiver, High-frequency. G. G. Young. 2,387,632; Oct. 23.
Receiver, Television. J. K. Rose. 2,368,882; Feb. 6.
Receiver with band spread, Multiband. W. R. Koch. 2,383,322; Aug. 21.
Receiving system. C. W. Hansell. 2,379,900; July 10.
Receiving system. W. E. Olsen. 2,373,495; Apr. 10.
Receiving system, Frequency modulation. W. R. Koch. 2,379,721; July 3.
Receptacle: *See*—
Collapsible receptacle.
Cardboard receptacle.
Coin receptacle.
Dispensing receptacle.
Filing receptacle.
Flexible pocket receptacle.
Food storage receptacle.
Glass receptacle.
Paper receptacle.
Pocket ash receptacle.
Portable grease receptacle.
Sanitary waste receptacle.
Toothbrush receptacle.
Trash and garbage receptacle.
Receptacle. K. H. Dittmann. 2,376,530; May 22.
Receptacle. W. E. Donegan. 2,369,341; Feb. 13.
Receptacle. R. G. Owen. 2,389,385; Nov. 20.
Receptacle. M. F. Smith. 2,384,974; Sept. 18.
Receptacle. H. L. Snyder. 2,374,390; Apr. 24.
Receptacle and carrier. T. F. Duis. 2,368,752; Feb. 6.
Receptacle and closure. C. F. Kramer. 2,372,381; Mar. 27.
Receptacle and closure means therefor. S. J. Rudolph. 2,370,997; Mar. 6.
Receptacle and closure therefor. S. N. Buchanan. 2,378,683; June 19.
Receptacle and making it. W. J. De Witt. 2,389,601; Nov. 27.
Receptacle and rack. A. L. Di Lieto. 2,376,670; May 22.
Receptacle and wall plug, Outlet. A. M. David. 2,380,151; July 10.
Receptacle closure. S. Blackman. 2,390,291; Dec. 4.
Receptacle filling apparatus. M. A. Benton. 2,383,761; Aug. 28.
Receptable for food and water. A. F. Woodward. 2,366,584; Jan. 2
Receptacle or case, Closed. M. L. Rathbun. 2,379,254; June 26.
Receptacles, Forming counterbored. D. H. Cravener, Jr., R. C. Ingersoll, and F. B. Wendel. 2,384,444; Sept. 11.
Reciprocal elements, Packing. W. Coopey. 2,369,883; Feb. 20.
Reciprocating pump. C. C. S. Le Clair. 2,371,054; Mar. 6.

Reciprocating pump. C. C. S. Le Clair. 2,383,324; Aug. 21.
Reciprocating pump. C. C. S. Le Clair. 2,390,798; Dec. 11.
Reciprocating pump. C. D. Macgill. 2,389,918; Nov. 27.
Reciprocating ram pump. J. M. Towler and F. H. Towler. 2,370,760; Mar. 6.
Reciprocatory motion apparatus. T. Jordan. 2,391,785; Dec. 25.
Recirculating system for gas-fired ovens. S. Altamore. 2,369,706; Feb. 20.
Recirculation insulated space heater. A. P. Livar. 2,389,265; Nov. 20.
Reclaimer, Pipe-line. K. C. Knapp. 2,386,615; Oct. 9.
Reclaiming method. D. V. Moore and H. H. Thompson. 2,386,707; Oct. 9.
Reclaiming system, Condensate. C. Hungerford, Jr., 2,372,952; Apr. 3.
Reclamation means, Energy. F. W. Gay. 2,381,947; Aug. 14.
Reclamation process. W. L. Hoff. 2,382,317; Aug. 14.
Reclining chair. A. Wohlk. 2,374,848; May 1.
Reclosable metal container. W. F. Punte. 2,383,274; Aug. 21.
Record assembly, Carbon interleaved. J. G. Kerr. 2,390,259; Dec. 4.
Record-card holder. G. D. Wiepert. 2,371,487; Mar. 13.
Record carrier. G. Solkover. 2,366,940; Jan. 9.
Record changer. R. A. Becwar. 2,368,086; Jan. 30.
Record changer for phonographs. H. V. Alexandersson and N. U. Hagren. 2,390,862; Dec. 11.
Record changing mechanism for phonographs. T. W. Small. 2,371,361–2; Mar. 13.
Record controlled machine. E. A. Ford. 2,375,296; May 8.
Record controlled machine. C. D. Lake and G. F. Daly. 2,375,307; May 8.
Record controlled machine. D. W. Rubidge, C. R. Manning, J. D. Hood and J. B. Greene. 2,379,828; July 3.
Record controlled system. S. B. Williams. 2,386,763; Oct. 16.
Record controlled tape punching machine. C. R. Doty. 2,391,773; Dec. 25.
Record filing means. H. V. Emblem and M. D. Baker. 2,373,179; Apr. 10.
Record, Magnetic sound. R. K. Potter. 2,381,463; Aug. 7.
Record, Making. D. C. Rockola. 2,385,653; Sept. 25.
Record punching machine. C. R. Doty. 2,377,766; June 5.
Record repeater, Phonograph. A. L. Barnes. 2,379,560; July 3.
Record reproducing device. C. R. Dale. 2,369,284; Feb. 13.
Record reproducing system. C. M. Sinnett and R. Snepvangers. 2,374,785; May 1.
Record reproducing system. C. M. Sinnett and R. Snepvangers. 2,388,578; Nov. 6.
Record sensing device. W. A. Ayres. 2,366,827; Jan. 9.
Record sensing means. J. D. Hood. 2,377,783; June 5.
Recorder. R. Dally, F. H. Goldsmith, and D. J. Munroe. 2,379,282; June 26.
Recorder. L. M. Swift. 2,389,828; Nov. 27.
Recorder and drive therefor, Magnetic. M. Camras. 2,369,017; Feb. 6.
Recorder and motion-picture camera, Combination sound. B. Kreuzer. 2,379,489; July 3.
Recorder, Autointerpregraph signal. L. S. Rose. 2,375,588; May 8.
Recorder, Automatic. D H. Cameron. 2,366,383; Jan. 2.
Recorder, Code translating. H. J. Nichols. 2,370,989; Mar. 6.
Recorder, Drilling rate. H. M. Rutherford. 2,390,178; Dec. 4.
Recorder, Duplicating. W. H. Tribble. 2,380,482; July 31.
Recorder, Facsimile. A. Blain. 2,368,739; Feb. 6.
Recorder, Facsimile. A. Blain. 2,384,722; Sept. 11.
Recorder, Facsimile. A. Blain. 2,391,768; Dec. 25.
Recorder, Facsimile. W. G. H. Finch. 2,391,145; Dec. 18.
Recorder, Interaction. E. D. Chapple. 2,387,563; Oct. 23.
Recorder, Phonograph. L. B. Glaser and R. G. Franey. 2,388,964; Nov. 13.
Recorder, Photographic identifying mark. J. W. Bryce. 2,369,431; Feb. 13.
Recording and communication apparatus. E. J. Rabenda. 2,379,827; July 3.
Recording and controlling vehicle motion. A. G. B. Metcalf. 2,368,673; Feb. 6.
Recording and counting device. L. A. Finzi. 2,377,622; June 5.
Recording and indicating system. J. R. MacKay. 2,391,060; Dec. 18.
Recording and reproducing apparatus. J. J. Shively and H. R. Van Deventer. 2,374,842; May 1.
Recording and reproducing device. S. J. Begun. 2,378,388; June 19.
Recording and reproducing, Magnetic. S. J. Begun. 2,380,392; July 31.
Recording and reproducing system, Automatic. W. S. Halstead. 2,385,701; Sept. 25.
Recording and reproducing system, Sound. C. L. Price. 2,384,131; Sept. 4.
Recording apparatus. A. Blain. 2,389,021; Nov. 13.
Recording apparatus. J. W. Bryce. 2,377,754; June 5.
Recording apparatus. J. T. Davidson and B. T. Bickel. 2,366,708; Jan. 9.
Recording apparatus. I. M. Stein. 2,389,827; Nov. 27.
Recording apparatus and method. A. W. Metzner. 2,390,549; Dec. 11.
Recording apparatus, Signal. R. J. Wise. 2,384,515; Sept. 11.
Recording instrument for oil wells. C. R. Dale. 2,382,609; Aug. 14.
Recording machine. W. A. Ayres. 2,375,271; May 8.
Recording mechanism. A. D. Branham. 2,385,399; Sept. 25.
Recording mechanism, Play eliminative. O. S. Carliss. 2,382,132; Aug. 14.
Recording means, Automatically adjustable. R. J. Wise. 2,375,267; May 8.
Recording-reproducing device. S. J. Begun. 2,378,389; June 19.
Recording system. R. B. Colt and R. R. Chappell. 2,374,653; May 1.
Recording system. R. E. Powell. 2,387,678; Oct. 23.
Recording system and apparatus, Facsimile. R. J. Wise. 2,376,888; May 29.
Recording system, Photoelectric. R. L. Hood. 2,376,311; May 15.
Recovery and purification of iodine. H. I. Wolff. 2,385,483; Sept. 25.
Recovery and regeneration of isobutene. E. E. Willauer and I. P. Jones. 2,380,350; July 10.
Recovery of valuable hydrocarbons. E. L. Hall. 2,379,518; July 3.
Rectangular pot burner. A. P. Livar. 2,369,833; Feb. 20.
Rectifier. W. A. Ray. 2,383,735; Aug. 28.
Rectifier. M. F. Skinker. 2,369,185; Feb. 13.
Rectifier. G. H. Shoemaker. 2,380,080; July 10.
Rectifier and making same. M. F. Skinker. 2,383,993; Sept. 4.
Rectifier battery charger circuit. R. O. Whitesell. 2,372,698; Apr. 3.
Rectifier, Blocking-layer. N. W. H. Addink, J. J. A. P. van Amstel, and N. Bos. 2,381,025; Aug. 7.
Rectifier, Demountable high-vacuum hot-cathode. F. Beldi. 2,390,683; Dec. 11.
Rectifier for change-over work. H. J. McCreary. 2,378,311; June 12.
Rectifier forming. F. D. Williams, Jr. 2,375,181; May 1.
Rectifier, Gas-filled high-tension. W. Muller. 2,366,349; Jan. 2.
Rectifier, Selenium. W. E. Blackburn. 2,390,771; Dec. 11.
Rectifier, Self-regulating. H. N. Christopher. 2,373,383; Apr. 10.
Rectifier system. H. H. and W. W. Seifert. 2,390,005; Nov. 27.
Rectifier transformer. A. J. Maslin. 2,374,029; Apr. 17.
Rectifiers. D. Rau and C. E. Peters. 2,391,194; Dec. 18.
Reducing device, Fracture. M. G. Hardinge. 2,381,050; Aug. 7.
Reducing device, Oscillation. F. M. M. B. Salomon. 2,387,776; Oct. 30.
Reducing echo effects in picture transmission systems, Method and apparatus for. F. J. Bingley. 2,372,876; Apr. 3.
Reducing machine. L. Pallmann. 2,377,443; June 5.
Reducing method. D. N. Burruss, Jr., and J. E. Drapeau, Jr. 2,373,657; Apr. 17.
Reducing mill. H. C. Inslee. 2,386,863; Oct. 16.
Reducing mill. H. C. Inslee. 2,387,515; Oct. 23.
Reduction gear. R. E. Cherry and N. C. Bremer. 2,383,956; Sept. 4.
Reduction products from unsaturated fatty acids or their derivatives, Manufacture of. W. Rittmeister. 2,374,379; Apr. 24.
Reed. S. J. Lucas. 2,375,934; May 15.
Reed contact unit, Sealed. F. W. Stubner. 2,370,203; Feb. 27.
Reed, Double. A. Brilhart. 2,374,579; Apr. 24
Reed for musical instruments. A. Brilhart. 2,388,822; Nov. 13.
Reed for warping machines and the like. F. H. Kaufmann. 2,386,689; Oct. 9.
Refining and purification of sugar juices. H. A. Vallez. 2,388,194; Oct. 30.
Refining process. E. E. Stahly. 2,388,095; Oct. 30.
Reel: *See*—
- Clothes reel.
- Clothesline reel.
- Coil supporting reel.
- Continuous strip-handling reel.
- Electric cable reel.
- Film developing reel.
- Film reel.
- Fishing line reel.
- Fishing reel.
- Harvester reel.
- Hose reel.
- Packaging reel.
- Plumb bob line reel.
- Plumb bob reel.
- Rayon or nylon tire cord inspecting reel.
- Spring-wound cord-controlled take-up reel.
- Tape reel.
- Thread-advancing reel.
- Winding reel.
- Wire pay-off reel.
- Wire reel.
- Wire winding and unwinding reel.

Reel. D. C. Hardie. 2,382,790; Aug. 14.
Reel. M. K. Hedge. 2,367,214; Jan. 16.
Reel. G. F. Miller. 2,377,640; June 5.

Reel and bracket therefor, Cartridge belt. G. Ironside. 2,372,424; Mar. 27.
Reel and collapsible support therefor, Adjustable. R. R. Berman. 2,382,968; Aug. 21.
Reel construction. N. F. Dour and V. R. Stenger. 2,391,141; Dec. 18.
Reel drive mechanism. O. L. Bowers and S. Newburger. 2,372,310; Mar. 27.
Reel for narrow fabrics, Foldable. F. Fox. 2,369,958; Feb. 20.
Reel for wire-drawing machines. J. Kramer. 2,390,158; Dec. 4.
Reel, Harvester. W. H. Harrison. 2,380,173; July 10.
Reel or spool for motion-picture films. P. D. Obelensky. 2,373,704; Apr. 17.
Reel seat. J. Heddon. 2,379,578; July 3.
Reel spindle, Film. J. L. Underhill. 2,385,479; Sept. 25.
Reel structure. W. J. Elvin and J. B. Steiding. 2,371,684; Mar. 20.
Reeling apparatus. J. D. Beebe. 2,386,086; Oct. 2.
Reeling device. W. H. Furness. 2,387,252; Oct. 23.
Reeling device and reeling. F. Pollak. 2,384,963; Sept. 18.
Refinery wastes, Disposal of. P. E. Malson. 2,367,172; Jan. 9.
Refining dry materials, Method and apparatus for. N. H. Andrews. 2,390,678; Dec. 11.
Refining means, Oil. A. M. Braun. 2,388,821; Nov. 13.
Refining operation. C. A. Hillman and D. L. Campbell. 2,391,160; Dec. 18.
Refining process. W. W. Hodgeson. 2,391,367; Dec. 18.
Refining process. N. F. Linn. 2,377,087; May 29.
Reflecting device. R. L. Anderson. 2,378,677; June 19.
Reflecting device for signs and the like. F. A. Best. 2,384,524; Sept. 11.
Reflection means for presenting pictures. N. Tanaka. 2,374,566; Apr. 24.
Reflector. E. L. McKinney. 2,375,669; May 8.
Reflector. J. H. Owens. 2,387,038; Oct. 16.
Reflector. W. O. Spieth. 2,367,067; Jan. 9.
Reflector apparatus and button therefor. H. C. Shaw. 2,378,736; June 19.
Reflector, Automobile lamp. J. A. Taylor. 2,367,475; Jan. 16.
Reflector, Colored reflex light. P. V. Palmquist. 2,383,884; Aug. 28.
Reflector, Dichroic. G. L. Dimmick. 2,379,790; July 3.
Reflector element. A. M. Taylor. 2,367,154; Jan. 9.
Reflector for attachment to eyeglasses, Rearview. M. A. Swan. 2,371,196; Mar. 13.
Reflector for lighting fixtures, Exteriorly illuminated. G. P. Wakefield. 2,381,792; Aug. 7.
Reflector, Reflex light. P. V. Palmquist. 2,379,741; July 3.
Reflector, Revolving. E. N. Cavert. 2,383,042; Aug. 21.
Reflector support. L. Schwarzmayr. 2,382,179; Aug. 14.
Reflectoscope. H. L. Bloxom. 2,381,801; Aug. 7.
Reflex converter circuit. K. Seiler. 2,383,345; Aug. 21.
Reflex light reflector. M. L. Gebhard. 2,379,702; July 3.
Refraction means for presenting pictures. N. Tanaka. 2,386,075; Oct. 2.
Refractometer. S. J. Jacobsohn. 2,371,625; Mar. 20.
Refractometer. M. Silge. 2,383,347; Aug. 21.
Refractometer. M. Silge. 2,391,599; Dec. 25.
Refractometer for turbid liquids and pulpous substances. G. Hansen. 2,387,581; Oct. 23.
Refractory body of high electronic emission. J. Kurtz. 2,389,060; Nov. 13.
Refractory composition. E. Wainer. 2,372,236; Mar. 27.
Refractory composition and making the same. E. Wainer. 2,373,864; Apr. 17.
Refractory metal composition. F. R. Hensel and E. I. Larsen. 2,370,242; Feb. 27.
Refractory mold. P. F. Collins. 2,380,945; Aug. 7.
Refrigerated display case. W. W. Blair. 2,382,599; Aug. 14.
Refrigerated display case. R. E. Davis. 2,379,885; July 10.
Refrigerating. F. R. Bichowsky. 2,378,177; June 12.
Refrigerating apparatus. D. F. Alexander. 2,374,967; May 1.
Refrigerating apparatus. G. M. Armstrong. 2,385,908; Oct. 2.
Refrigerating apparatus. E. L. Barnes and H. A. Brenner. 2,373,806; Apr. 17.
Refrigerating apparatus. R. W. Doeg. 2,372,938; Apr. 3.
Refrigerating apparatus. E. D. Drake. 2,386,387; Oct. 9.
Refrigerating apparatus. N. Erland af Kleen. 2,389,967; Nov. 27.
Refrigerating apparatus. J L. Gibson. 2,366,188; Jan. 2.
Refrigerating apparatus. J. L. Gibson. 2,391,151; Dec. 18.
Refrigerating apparatus. W. Giffard. 2,368,294; Jan. 30.
Refrigerating apparatus. W. Giffard. 2,387,840; Oct. 30.
Refrigerating apparatus. M. J. Goulooze. 2,371,987; Mar. 20.
Refrigerating apparatus. A. O. Grooms. 2,376,913; May 29.
Refrigerating apparatus. A. A. Kucher. 2,389,440; Nov. 20.
Refrigerating apparatus. W. A. Kuenzli. 2,380,053; July 10.
Refrigerating apparatus. C. F. Louthan. 2,391,252; Dec. 18.
Refrigerating apparatus, H. Lutes and J. J. Buzzell. 2,381,068–9; Aug. 7.
Refrigerating apparatus. W. L. Morrison. 2,373,905; Apr. 17.
Refrigerating apparatus. W. L. Morrison. 2,391,030; Dec. 18.
Refrigerating apparatus. C. H. Nauert. 2,380,256; July 10.
Refrigerating apparatus. M. P. Penn. 2,373,909; Apr. 17.
Refrigerating apparatus. L. A. Philipp. 2,391,507; Dec. 25.
Refrigerating apparatus. H. J. Scullen. 2,387,860; Oct. 30.
Refrigerating apparatus. R. H. Starr. 2,370,267; Feb. 27.
Refrigerating apparatus. W. H. Teeter. 2,383,354; Aug. 21.
Refrigerating apparatus. W. G. Winkler. 2,369,511; Feb. 13.
Refrigerating apparatus, Absorption. N. Erland af Kleen. 2,374,184; Apr. 24.
Refrigerating apparatus, Absorption. N. Erland af Kleen. 2,377,332; June 5.
Refrigerating apparatus, Absorption and adsorption. N. Erland af Kleen. 2,377,333; June 5.
Refrigerating apparatus of the compression type. R Hintze and A. Engelmann. 2,366,404; Jan. 2.
Refrigerating means for vehicles. A. R. Clark and C. R. and H. J. King. 2,378,063; June 12.
Refrigerating method. G. Muffly. 2,368,675; Feb. 6.
Refrigerating storage apparatus. R. Matthei. 2,389,267; Nov. 20.
Refrigerating system. W. E. Dodson. 2,379,286; June 26.
Refrigerating system. O. C. Irwin. Re. 22,678; Oct. 9.
Refrigerating system. H. F. Lathrop. 2,388,556; Nov. 6.
Refrigerating system. A. B. Newton. 2,367,305; Jan. 16.
Refrigerating system. O. C. Oliver. Re. 22,677; Oct. 2.
Refrigerating system. R. C. Webber. 2,385,667; Sept. 25.
Refrigerating system. I. E. Wiegers. 2,385,243; Sept. 18.
Refrigerating system for mobile vehicles. A. M. Biehl. 2,374,972; May 1.
Refrigerating system, Multistage. W. E. Dodson. 2,386,198; Oct. 9.
Refrigeration. P. P. Anderson, Jr. 2,367,708; Jan. 23.
Refrigeration. P. P. Anderson, Jr. 2,374,521; Apr. 24.
Refrigeration. P. P. Anderson, Jr. 2,382,123; Aug. 14.
Refrigeration. S. W. E. Andersson. 2,368,438; Jan. 30.
Refrigeration. S. W. E. Andersson. 2,372,044; Mar. 20.
Refrigeration. J. H. Beach. 2,371,214; Mar. 13.
Refrigeration. G. A. Brace. 2,377,319; June 5.
Refrigeration. H. A. Burggrabe. 2,366,955; Jan. 9.
Refrigeration. C. C. Coons. 2,379,278; June 26.
Refrigeration. C. C. Coons. 2,386,438; Oct. 9.
Refrigeration. J. Davidson. 2,380,029; July 10.
Refrigeration. V. G. Dreier. 2,377,926; June 12.
Refrigeration. P. Edberg. 2,368,455; Jan. 30.
Refrigeration. N. Erland af Kleen. 2,389,968; Nov. 27.
Refrigeration. N. Erland af Kleen. 2,390,085; Dec. 4.
Refrigeration. D. C. Gerber. 2,377,000; May 29.
Refrigeration. A. G. Gross. 2,387,657; Oct. 23.
Refrigeration. W. T. Hedlund. 2,375,359; May 8.
Refrigeration. F. A. Hedman. 2,377,782; June 5.
Refrigeration. D. H. L. Jensen and E. Harman. 2,381,667; Aug. 7.
Refrigeration. W. H. Kitto. 2,389,317; Nov. 20.
Refrigeration. R. S. Nelson. 2,368,374; Jan. 30.
Refrigeration. R. C. Osborn. 2,366,550; Jan. 2.
Refrigeration. C. G. Puchy. 2,386,505; Oct. 9.
Refrigeration. B. Reistad. 2,368,493; Jan. 30.
Refrigeration. C. A. Roswell. 2,384,861; Sept. 18.
Refrigeration. H. L. Schug. 2,366,562; Jan. 2.
Refrigeration. O. B. Sutton. 2,377,051; May 29.
Refrigeration. A. R. Thomas. 2,384,860; Sept. 18.
Refrigeration. H. M. Ullstrand. Re. 22,664; Aug. 14.
Refrigeration apparatus. J. H. Benson. 2,371,215; Mar. 13.
Refrigeration apparatus. R. S. Buchanan. 2,370,446; Feb. 27.
Refrigeration apparatus. R. M. Hall. 2,368,542; Jan. 30.
Refrigeration apparatus. G. E. Hulse. 2,367,502; Jan. 16.
Refrigeration apparatus. M. Kalischer. 2,375,851; May 15.
Refrigeration apparatus. G. P. Marcy. 2,375,859; May 15.
Refrigeration apparatus. G. P. Marcy. 2,382,733; Aug. 14.
Refrigeration apparatus. G. S. McCloy. 2,366,635; Jan. 2.
Refrigeration apparatus. G. S. McCloy. 2,385,525; Sept. 25.
Refrigeration apparatus. A. L. Shields. 2,379,193; June 26.
Refrigeration apparatus. E. C. Tanner. 2,381,013; Aug. 7.
Refrigeration apparatus. E. C. Tanner. 2,387,622; Oct. 23.
Refrigeration apparatus. R. E. Tobey. 2,373,618; Apr. 10.

Refrigeration apparatus. R. E. Tobey. 2,386,919; Oct. 16.
Refrigeration apparatus. O. H. Yoxsimer. 2,375,880; May 15.
Refrigeration apparatus for the intermittent absorption or adsorption type. N. Erland af Kleen. 2,370,643; Mar. 6.
Refrigeration control. C. G. Kronmiller. 2,377,503; June 5.
Refrigeration control system. A. B. Newton. 2,367,304; Jan. 16.
Refrigeration drive. M. D. Stahl. 2,373,609; Apr. 10.
Refrigeration, Means for. M. H. McMechan. 2,380,537; July 31.
Refrigeration mechanism. R. A. Isenberg, R. S. Pershing, C. V. H. King, Jr., E. D. Patton, and R. Caraway. 2,383,486; Aug. 28.
Refrigeration system. L. Buehler, Jr. 2,387,117; Oct. 16.
Refrigeration system for air-conditioned passenger vehicles. M. E. Hanson and R. T. Palmer. 2,388,210; Oct. 30.
Refrigeration system for motor vehicles. W. Ryan, Jr., and A. C. Ratermann. 2,382,667; Aug. 14.
Refrigeration unit. J. J. Sunday. 2,384,210; Sept. 4.
Refrigeration unit. C. H. Walbert. 2,387,484; Oct. 23.
Refrigeration unit for internal-combustion engines. H. G. Schwarz. 2,385,033; Sept. 18.
Refrigerator. J. W. Chamberlain. 2,380,901; July 31.
Refrigerator. N. Erland af Kleen. 2,374,185; Apr. 24.
Refrigerator. G. K. Iwashita. 2,377,941; June 12.
Refrigerator. C. H. Nauert. 2,367,886; Jan. 23.
Refrigerator. D. F. Newman. 2,390,808; Dec. 11.
Refrigerator. F. L. Robison. 2,387,356; Oct. 23.
Refrigerator. J. N. Roth. Re. 22,680; Oct. 9.
Refrigerator. N. J. Yerkes. 2,378,524; June 19.
Refrigerator, Absorption. J. Lithgow and L. K. Jackson. 2,380,979; Aug. 7.
Refrigerator and tray construction. E. Swedman. 2,386,150; Oct. 2.
Refrigerator cabinet. D. E. Dailey. 2,386,935; Oct. 16.
Refrigerator cabinet and making same. E. E. Nofzinger. 2,366,284; Jan. 2.
Refrigerator cabinet construction. E. F. Hubacker. 2,368,837; Feb. 6.
Refrigerator cabinet construction. W. P. Jones. 2,381,598; Aug. 7.
Refrigerator car and using. B. E. Williams. 2,381,796; Aug. 7.
Refrigerator car construction. J. King. 2,372,961; Apr. 3.
Refrigerator door fastener. J. V. Jamison, Jr. 2,389,056; Nov. 13.
Refrigerator equipped with motor-driven refrigerating apparatus of the compression type. H. Schirrmeister. 2,390,182; Dec. 4.
Refrigerator, Ice. A. C. Legere. 2,374,159; Apr. 17.
Refrigerator, Twin-cylinder. W. L. Morrison. 2,380,987; Aug. 7.
Refrigerator valve. J. N. Roth. 2,372,684; Apr. 3.
Regenerating exhaled air. N. Herzmark. 2,389,309; Nov. 20.
Regeneration of doctor solution. H. H. Walker and J. P. Mostyn. 2,366,580; Jan. 2.
Regeneration of solid contact material. L. A. Mekler. 2,391,327; Dec. 18.
Regeneration of spent catalysts. A. Belchetz and H. M. Nelly, Jr. 2,374,660; May 1.
Regenerative coke oven. C. Otto. 2,376,718; May 22.
Regenerative gas heater. F. Totzek. 2,391,491; Dec. 25.
Regenerative repeating system. L. M. Potts. 2,379,253; June 26.
Register actuator. F. J. Rouan. 2,370,919; Mar. 6.
Register, Adjustment for running. C. Jacobson. 2,372,783; Apr. 3.
Register, Autographic. P. M. Hiles. 2,374,202; Apr. 24.
Register, Autographic. A. W. Metzner. 2,381,919; Aug. 14.
Register, Cash. M. Demeulenaere. 2,384,082; Sept. 4.
Register, Cash. J. J. Klosterman. 2,388,063; Oct. 30.
Register, Cash. W. J. Pasinski. 2,380,257–8; July 10.
Register, Cash. P. Spurlino, A. R. Colley, L. N. Lehman, and F. Gantner. 2,386,364; Oct. 9.
Register, Code presentation. R. T. Blakely. 2,386,423; Oct. 9.
Register for sheet feeders, Side. F. R. Belluche. 2,368,098; Jan. 30.
Register machine, Autographic. H. W. Lewis. 2,374,361; Apr. 24.
Register, Manifold. R. R. Smith, Jr. 2,373,790; Apr. 17.
Register, Pin wheel. W. C. Pfeiffer. 2,389,813; Nov. 27.
Register, Savings bond. K. M. Glasoe, Jr. 2,382,476; Aug. 14.
Register with attached automatic stamp issuing apparatus, Cash. J. Deutsch. 2,368,526; Jan. 30.
Registering and counting apparatus. F. A. Poole. 2,368,874; Feb. 6.
Registering device. B. L. Harriott. 2,391,309; Dec. 18.
Registering device for weighing apparatus. M. M. de Castro. 2,376,234; May 15.
Registering mechanism. T. A. Keen and J. Kilburg. 2,378,708; June 19.
Regular goods in flat knitting machines, Production of. H. Korber. 2,374,758; May 1.
Regulating apparatus. M. A. Edwards. 2,390,084; Dec. 4.
Regulating apparatus. J. F. Kovalsky. 2,390,796; Dec. 11.
Regulating device for controlling the supply of fuel to internal-combustion engines. P. H. Stokes. 2,374,844; May 1.
Regulating device for heating appliances, Temperature. V. Weber. 2,385,434; Sept. 25.
Regulating device for steam generators. G. Wunsch. 2,388,512; Nov. 6.
Regulating device, Speed. E. P. Williams. 2,386,645; Oct. 9.
Regulating instrument. P. F. K. Erbguth. 2,366,246; Jan. 2.
Regulating mechanism. M. Levine. 2,376,144; May 15.
Regulating mechanism. T. W. Moore. 2,383,143; Aug. 21.
Regulating mechanism, Window. J. B. Parsons. 2,381,365; Aug. 7.
Regulating system. J. K. Ely. 2,367,933; Jan. 23.
Regulating system. R. A. Geiselman. 2,390,786; Dec. 11.
Regulating system. F. W. Godsey, Jr. 2,374,008; Apr. 17.
Regulating system. H. C. Jenks. 2,389,364; Nov. 20.
Regulating system. S. J. Mikina. 2,389,382; Nov. 20.
Regulating system. C. G. Veinott. 2,367,980; Jan. 23.
Regulating system. O. C. Walley. 2,367,981; Jan. 23.
Regulating system. E. C. Watson. 2,367,983; Jan. 23.
Regulating the head and capacity of centrifugal pumps, Method and apparatus for. L. F. Moody. 2,380,606; July 31.
Regulating the passage of gases in heat exchangers. D. Dalin. 2,374,178; Apr. 24.
Regulation of atmospheric condition, Remote. C. A. de Giers and A. Wickesser. 2,371,428; Mar. 13.
Regulator: *See*—
- Adjustable transformer regulator.
- Air regulator.
- Automatic compressor regulator.
- Automatic regulator.
- Automatic voltage regulator.
- Booster regulator.
- Cable tension regulator.
- Constant current regulator.
- Distribution system regulator.
- Draft regulator.
- Electric regulator.
- Fluid pressure regulator.
- Gas pressure regulator.
- Gas regulator.
- Generator regulator.
- Induction regulator.
- Liquid slip regulator.
- Oil temperature regulator.
- Oxygen flow regulator.
- Polyphase voltage regulator.
- Power-operated window regulator.
- Power, voltage or current regulator.
- Pressure regulator.
- Sealed-in regulator.
- Throwover regulator.
- Voltage regulator.
- War regulator.
- Watch and clock regulator.

Regulator. B. O. Austin. 2,384,786; Sept. 18.
Regulator. D. Gregg. 2,381,346; Aug. 7.
Regulator. J. L. Kimball. 2,378,410; June 19.
Regulator. P. C. Temple. 2,372,345; Mar. 27.
Regulator and volume control, Low consistency. H. G. Cram. 2,368,004; Jan. 23.
Regulator control device. K. R. D. Wolfe. 2,366,585; Jan. 2.
Regulator for electrolytic plants, Current. W. R. Harris. 2,374,199; Apr. 24.
Regulator for washing machine tanks, Alkalinity. T. A. Martin. 2,382,648; Aug. 14.
Regulator mechanism. J. B. Parsons. 2,390,029; Nov. 27.
Regulator mechanism, Window. J. B. Parsons. 2,371,183; Mar. 13.
Regulator of the carbon pile type, Electric. L. R. Nixon. 2,373,591; Apr. 10.
Regulator system. L. H. Palmer. 2,373,334; Apr. 10.
Reigniting liquid-fuel burner. A. J. Turpin. 2,368,179; Jan. 30.
Reinforced abrasive wheel. A. L. Ball and P. H. Walker. 2,369,639; Feb. 20.
Reinforced concrete tank. C. Kandall. 2,389,057; Nov. 13.
Reinforced container. M. O. Kuhn. 2,381,396; Aug. 7.
Reinforced tube. W. G. Harding. 2,371,991; Mar. 20.
Reinforcement or flexible member, Rubber or plastic encased flexible. H. and O. Ghez. 2,383,122; Aug. 21.
Reinforcing bar. F. E. Fahy. 2,376,761; May 22.
Reinforcing bar. V. M. Surerus. 2,377,980; June 12.
Reinforcing device for concrete, Prestressing. H. Schorer. 2,378,584; June 19.
Relay. J. H. Horman. 2,385,858; Oct. 2.
Relay. A. J. Johnston. 2,385,994; Oct. 2.
Relay. E. R. Morton. 2,380,541; July 31.
Relay. F. Perrin and B. Pregel. 2,375,130; May 1.
Relay. W. K. Sonnemann. 2,390,813; Dec. 11.
Relay contact members. T. L. Weybrew. 2,372,144; Mar. 20.
Relay control circuit. W. E. Simpson. 2,387,536; Oct. 23.
Relay, Electromagnetic. W. A. Ray. 2,381,080; Aug. 7.
Relay mechanism, Sensitive. T. R. Harrison. 2,368,830; Feb. 6.
Relay operation. J. T. L. Brown. 2,368,197; Jan. 30.
Relay, Polarized. E. Dickten, Jr. 2,378,986; June 26.

Relay, Polarized. O. Römer. 2,375,586; May 8.
Relay, Power-reversal and fault-responsive. L. L. Fountain. 2,376,766; May 22.
Relay, Self-locking. L. W. Burch. 2,391,444; Dec. 25.
Relay structure. H. E. Bucklen, Jr., and U. C. Hedin. 2,389,592; Nov. 27.
Relay system, Time delay. J. F. Kovalsky. 2,376,784; May 22.
Relay testing system. G. R. Stibitz. 2,369,619; Feb. 13.
Relay, Thermomagnetic. G. W. Crise. 2,376,664; May 22.
Relay, Transformer differential. E. G. Ratz. 2,376,808; May 22.
Relay, Universal high-speed directional. A. C. Mehring. 2,380,187; July 10.
Relay with automatic adjuster, Photoelectric. R. S. Gregory. 2,383,644; Aug. 28.
Relaying apparatus, Discriminating protective. L. L. Fountain and E. H. Klemmer. 2,376,767; May 22.
Release agent for film-casting and embossing operations. H. L. Boulton and A. B. Savage. 2,388,206; Oct. 30.
Release box. J. H. Derby. 2,387,125; Oct. 16.
Release box for parachute harness, Quick. B. H. Turner and G. B. S. Falkiner. 2,391,204; Dec. 18.
Release device for safety roof exits. R. Kerr. 2,389,315; Nov. 20.
Release means. J. V. Dyrr. 2,369,725; Feb. 20.
Release mechanism, Quick. P. H. Taylor. 2,368,899; Feb. 6.
Releasing device. A. S. Brown. 2,376,336; May 22.
Releasing device, Automatic overload and power. J. J. Lavin. 2,376,925; May 29.
Releasing end stop slide fastener. W. Mikulas. 2,381,359; Aug. 7.
Releasing mechanism for firing actions. M. Wurzer. 2,370,435; Feb. 27.
Relief valve. R. J. Anschicks. 2,369,005; Feb. 6.
Relief valve. R. E. Clifton. 2,366,596; Jan. 2.
Relief valve. M. R. Crowe. 2,377,132; May 29.
Relief valve. W. Ernst. 2,368,754; Feb. 6.
Relief valve. J. T. Gondek and R. C. Wilson. 2,375,410; May 8.
Relief valve. R. Stevenson and A. W. Keema. 2,372,631; Mar. 27.
Relief valve for power transmission. G. C. Bonnell. 2,388,820; Nov. 13.
Remote control. B. A. Parr. 2,373,776; Apr. 17.
Remote control. R. Tyler. 2,389,829; Nov. 27.
Remote control apparatus. L. E. Hayslett and F. H. Osborne. 2,387,444; Oct. 23.
Remote control apparatus. V. Moore. 2,384,114; Sept. 4.
Remote control circuit. W. A. Tolson. 2,371,415; Mar. 13.
Remote control for variable speed transmission. J. G. Holmstrom. 2,390,711; Dec. 11.
Remote control for varying electric welding resistance. J. M. and A. J. Puleo. 2,384,195; Sept. 4.
Remote control installation. L. Finckh. 2,379,631; July 3.
Remote control locking means. S. V. Dillon. 2,387,126; Oct. 16.
Remote-control plant. W. Koenig. 2,380,766; July 31.
Remote-control speed indicator. H. E. Angold and E. B. Angold. 2,372,633; Mar. 27.
Remote control system. G. W. Baughman. 2,376,569; May 22.
Remote control system. G. W. Baughman. 2,379,674; July 3.
Remote control system. R. C. Blakeslee. 2,377,850; June 12.
Remote control system. H. B. Deal. 2,378,540; June 19.
Remote control system. T. W. Hays. 2,389,975; Nov. 27.
Remote control system. P. B. Heineck and A. A. Meddock. 2,368,659; Feb. 6.
Remote control system. J. H. Homrighous. 2,382,055; Aug. 14.
Remote control system. R. Hultin. 2,376,359; May 22.
Remote control system. A. L. Jerome and L. V. Lewis. 2,387,152; Oct. 16.
Remote control system, Fluid pressure. F. S. Eves. 2,381,814; Aug. 7.
Remote control system for radio receivers. W. E. Newman. 2,383,338; Aug. 21.
Remote-control valve. L. A. Ward. 2,369,505; Feb. 13.
Remote gain control for video amplifiers. F. M. Deerhake. 2,368,453; Jan. 30.
Remote indicating or control system. A. C. Denisoff. 2,367,845; Jan. 23.
Remote indicating system. C. W. Sherwin. 2,389,692; Nov. 27.
Remotely controlled flow valve. A. Boynton. 2,366,175; Jan. 2.
Remotely controlled flow valve. A. Boynton. 2,368,406-7; Jan. 30.
Remotely controlled flow valve. A. Boynton. 2,371,220; Mar. 13.
Remotely controlled flow valve operating tool. A. Boynton. 2,373,647-8; Apr. 17.
Removable bottle cap. B. C. Tate. 2,373,434; Apr. 10.
Removable concrete insert plug. I. G. Haskell. 2,366,401; Jan. 2.
Removable tank heater. A. J. Turpin. 2,368,177; Jan. 30.
Removal and sifting device, Ash. A. Delean. 2,386,938; Oct. 16.
Removal device, Inverted primer. L. B. Petersen. 2,383,339; Aug. 21.
Removal of iron from ceramic raw materials. W. A. Weyl. 2,388,302; Nov. 6.
Remover, Hand or pointer. V. V. Vaughn. 2,386,370; Oct. 9.
Removing hair from the human body, Method and apparatus for. V. Arnold. 2,389,403; Nov. 20.
Removing impurities from unsaturated hydrocarbons by means of organometallic compounds. R. A. Franz. 2,389,251; Nov. 20.
Removing the stems and caps from berries and similar types of fruit, etc. Method and apparatus for. A. H. Morgan. 2,383,268; Aug. 21.
Rendering materials germicidal and germicide therefor. F. J. Sowa. 2,376,291; May 15.
Rennin, Producing crystalline. C. L. Hankinson. 2,376,848; May 22.
Repair apparatus for vehicles. A. E. W. Johnson, J. Orelind, and H. P. Smith. 2,380,313; July 10.
Repellent, Shark. A. Dinsley. 2,389,719; Nov. 27.
Repellents, Insect. S. I. Gertler. 2,389,427; Nov. 20.
Reproducer. K. J. Germeshausen. 2,373,676; Apr. 17.
Reproducer, Mechanical-electrical sound. G. Courcy and M. P. Durand. 2,382,692; Aug. 14.
Reproducing device. L. B. Hendershot. 2,387,021; Oct. 16.
Reproducing television pictures, Method and apparatus for. F. E. Fischer. 2,391,450; Dec. 25.
Reproducing unit and making the same, Sound. G. E. Gustafson. 2,371,819; Mar. 20.
Reproduction method. R. F. Ledoux. 2,386,806; Oct. 16.
Reproduction of sound. J. R. Cooney. 2,387,832; Oct. 30.
Reroller mechanism, Cigar machine. H. H. Wheeler. 2,378,166; June 12.
Reservoir for oil burning heaters, Fuel. D. B. Tolley and D. H. Hill. 2,368,585; Jan. 30.
Reshaping device, Bottle cap. R. H. Essex. 2,366,775; Jan. 9.
Resilient ball separator. W. D. Anderson. 2,367,554; Jan. 16.
Resilient fastener. J. W. Simmons. 2,391,650; Dec. 25.
Resilient filaments and fibers, Production of. R. B. Hickey. 2,373,892; Apr. 17.
Resilient materials. G. Schneider and M. E. Martin. 2,371,710; Mar. 20.
Resilient mount. R. E. Gorton. 2,377,492; June 5.
Resilient mounting. R. C. Henshaw. 2,385,759; Sept. 25.
Resilient mounting. H. H. Hile. 2,375,105; May 1.
Resilient mounting. H. H. Hile. 2,386,463; Oct. 9.
Resilient mounting. Le R. M. Kubaugh. 2,367,826; Jan. 23.
Resilient mounting. Le R. M. Kubaugh. 2,367,830; Jan. 23.
Resilient mounting. L. Wallerstein, Jr. 2,382,372; Aug. 14.
Resilient nut lock. R. E. Eggert and H. J. Le Vesconte. 2,387,251; Oct. 23.
Resilient protection for flat gauge glasses. D. R. Yarnall. 2,374,403; Apr. 24.
Resilient rail fastener. R. W. Payne. 2,380,991; Aug. 7.
Resilient seat construction. M. C. Teague. 2,367,628; Jan. 16.
Resilient shaft coupling. J. E. Mulheim. 2,379,175; June 26.
Resilient support. A. L. Sweet and M. O. Bassett. 2,379,763; July 3.
Resilient suspension for traction wheels of vehicles. C. F. Shaffer. 2,376,942; May 29.
Resilient tire and the like. E. Hajos. 2,389,430; Nov. 20.
Resilient wheel cushion. J. D. Beebe. 2,390,290; Dec. 4.
Resin. G. Spiller. 2,383,624; Aug. 28.
Resin acid lactone and its production. R. F. B. Cox. 2,382,545; Aug. 14.
Resin and making, Furfuryl alcohol. F. B. Root and C. W. Virgin. 2,368,426; Jan. 30.
Resin and making same, Modified formaldehyde-acetone. T. C. Whitner. 2,390,481; Dec. 4.
Resin and making same, Synthetic. J. E. Shand. 2,368,165; Jan. 30.
Resin and making same, Varnish. H. F. Weide. 2,378,886; June 19.
Resin and making the same, Oil-soluble. A. Haroldson. 2,380,307; July 10.
Resin and preparation, Artificial. G. F. Mills and A. V. Alm. 2,389,865; Nov. 27.
Resin and product derived therefrom, Producing a. P. H. Rhodes. 2,385,373; Sept. 25.
Resin and product thereof, Preparing melamine. P. C. Schroy. 2,385,383; Sept. 25.
Resin articles, Luminescent cast synthetic. M. L. Macht and M. M. Renfrew. 2,383,067; Aug. 21.
Resin coating compositions, Alkyd. C. Bogin. 2,389,837; Nov. 27.
Resin coating compositions, Batavia dammar. R. C. Swain and P. Adams. 2,378,364; June 12.
Resin composition. N. E. Tillotson. 2,369,379; Feb. 13.
Resin composition. G. J. Underwood. 2,391,368; Dec. 18.
Resin composition and making same, Low temperature resistant. A. J. McGillicuddy. 2,373,699; Apr. 17.
Resin composition, Hardenable. A. Voss, K. Deitz, and H. Thomas. 2,390,198; Dec. 4.

Resin composition, Plasticized. H. Kline. 2,380,599; July 31.
Resin composition, Vinyl. V. Yngve. 2,370,280; Feb. 27.
Resin compositions. O. H. Yoxsimer. 2,372,153; Mar. 20.
Resin compositions, Stabilization of. T. S. Carswell. 2,378,619; June 19.
Resin compositions, Vinyl. R. M. Goepp, Jr. 2,387,841; Oct. 30.
Resin dispersions and producing. J. G. Little. 2,378,230; June 12.
Resin distillation. D. A. Lister. 2,374,220; Apr. 24.
Resin, Forming a clear plasticized styrene-maleic anhydride. H. L. Gerhart. 2,384,085; Sept. 4.
Resin from petroleum. C. E. Adams. 2,377,914; June 12.
Resin glues, Conditioning. J. F. Corwin and W. R. Moffitt. 2,372,178; Mar. 27.
Resin, Making synthetic. T. C. Whitner. 2,377,734; June 5.
Resin modified with a preformed mono salt of a polyaminotriazine, Polyaminotriazine-formaldehyde. G. F. D'Alelio. 2,368,451; Jan. 30.
Resin, Phenol-formaldehyde. J. E. Watson and K. A. Binder. 2,376,213; May 15.
Resin, Pigmented alkyd. W. A. Waldie. 2,388.301; Nov. 6.
Resin, Plasticized polyvinyl acetal. J. M. De Bell and E. R. Derby. 2,384,537–8; Sept. 11.
Resin, Polyvintal ketal acetal. J. D. Ryan and F. B. Shaw, Jr. 2,388,802; Nov. 13.
Resin, Preparing synthetic. S. H. Silberkraus. 2,373,058; Apr. 3.
Resin, Producing modified phenolaldehyde. S. S. Gutkin. 2,374,813; May 1.
Resin, Producing modified phenol aldehyde. S. S. Gutkin. 2,374,814; May 1.
Resin, Producing modified urea aldehyde. S. S. Gutkin. 2,374,811–12; May 1.
Resin product, Preparing a coated. V. Meunier. 2,370,562; Feb. 27.
Resin, Production of. P. H. Rhodes. 2,385,372; Sept. 25.
Resin, products, and making the same, Primary aromatic amine aldehyde. L. Coes, Jr. 2,378,834; June 19.
Resin purification. J. Ross. 2,369,409; Feb. 13.
Resin, Recovery of poly-glyceral. H. H. and C. S. Young, and P. Bradford. 2,382,764; Aug. 14.
Resin, Rosin modified phenol-aldehyde. R. F. Schlaanstine. 2,380.192; July 10.
Resin, Urea-dimethylol urea-chlorinated acetamide. G. F. D'Alelio. 2,377,761; June 5.
Resinous composition. A. J. Norton. 2,378,575; June 19.
Resinous compositions. F. W. Hoover and G. T. Vaala. 2,371,997; Mar. 20.
Resinous compositions and articles of manufacture comprising them. W. L. Alderson, Jr. 2,374,067; Apr. 17.
Resinous compositions comprising intercondensation products of vinyl esters, guanazoles, aldehydes and/or ketones, Synthetic. G. F. D'Alelio. 2,378,199; June 12.
Resinous compositions, Production of. A. J. Norton. 2,385,370; Sept. 25.
Resinous compositions, Synthetic. M. C. Agens. 2,373,527; Apr. 10.
Resinous condensation products and the like. F. J. W. Popham. 2,379,375; June 26.
Resinous condensation products and their manufacture, Artificial. C. J. Brown. 2,374,646; May 1.
Resinous condensation products of diaminotetrazine and an aldehyde. J. K. H. Seiberlich. 2,369,371; Feb. 13.
Resinous dispersions, Preparation of. A. H. Bump. 2,383.933; Sept. 4.
Resinous material and making. C. G. Moore. 2,384,846; Sept. 18.
Resinous material and preparing. J. P. Bain. 2,374,657; May 1.
Resinous material, Preparing. C. G. Moore. 2,369,683; Feb. 20.
Resinous materials and the production thereof. K. M. Thompson. 2,382,184; Aug. 14.
Resinous products and making them. J. W. Kroeger and H. F. O'Connor. 2,386,321; Oct. 9.
Resinous substances and preparation. T. Smedslund. 2,366,813; Jan. 9.
Resins. W. C. Weltman. 2,383,430; Aug. 21.
Resins, Aminocyanoacetamide. L. H. Bock and A. L. Houk. 2,367,455; Jan. 16.
Resins and coating compositions containing them, Synthetic. H. S. Rothrock. 2,381,884; Aug. 14.
Resins and compositions and methods of making the same, Primary aromatic amine formaldehyde. L. Coes, Jr. 2,378,831; June 19.
Resins and making such resins, Leaded phenol. R. P. Lutz. 2.367.296; Jan. 16.
Resins and making the same, Cross linked primary aromatic amine formaldehyde. L. Coes, Jr. 2,378,833; June 19.
Resins and their preparation, Allyl ester. D. E. Adelson and H. Dannenberg. 2,386,999; Oct. 16.
Resins, Curing phenol-formaldehyde. F. J. Groten. 2,387,256; Oct. 23.
Resins for making the same, Synthetic hydrocarbon. A. L. Ward. 2,373,725; Apr. 17.
Resins from coal, Recovering. A. Nagelvoort. 2,378,152; June 12.
Resins from coke oven gas, Production of. J. H. Wells and P. J. Wilson, Jr. 2,389,570; Nov. 20.
Resins, Hard. F. P. Otto and O. M. Reiff. 2,387,037; Oct. 16.
Resins, hardening the same, and products thereof, Primary aromatic amine aldehyde. L. Coes, Jr. 2,378,832; June 19.
Resins, Hydrogenated ketone. S. A. Ballard and V. E. Haury. 2,380,142; July 10.
Resins, Ketone. V. E. Haury. 2,388,410; Nov. 6.
Resins, Making stable polyvinyl acetal. J. Dahle. 2,380,824; July 31.
Resins, Method of making silicone. J. Marsden. 2,390,378; Dec. 4.
Resins, Modified vinyl. P. O. Powers. 2,371,065; Mar. 6.
Resins obtained from a polyvinyl acetal and secondary diarylamines. P. R. Austin. 2,371,943; Mar. 20.
Resins obtained from ureas and alkylolamines. W. J. Burke. 2,374,077; Apr. 17.
Resins, Phenol-aldehyde. C. Rector and C. F. Schrimpe. 2,371,915; Mar. 20.
Resins, Polysiloxane. J. G. E. Wright and J. Marsden. 2,389,477; Nov. 20.
Resins, Preparing silicone. M. M. Sprung. 2,383,827; Aug. 28.
Resins, Production of synthetic. A. C. Byrns. 2,367,183; Jan. 16.
Resins, Refining dammar. N. C. Schultze. 2,384,138; Sept. 4.
Resins, Saturated terpene. A. L. Rummelsburg. 2,386,063; Oct. 2.
Resins, Stabilizing phenolic. R. W. Auxier and W. C. Weltman. 2,383,283; Aug. 21.
Resins, Terpene. W. H. Carmody. 2,391,293; Dec. 18.
Resins, Terpene. E. Ott. 2,373,706; Apr. 17.
Resins, Terpene. A. L. Rummelsburg. 2,370,688; Mar. 6.
Resins, Terpene. A. L. Rummelsburg. 2,378,794; June 19.
Resins, Terpene. A. L. Rummelsburg. 2,383,084; Aug. 21.
Resins, Terpene. A. L. Rummelsburg. 2,384,400; Sept. 4.
Resins with thiols, Milling. E. K. Bolton. 2,384,070; Sept. 4.
Resistance, Adjustable. F. E. Hessey. 2,368,710; Feb. 6.
Resistance device. G. L. Pearson. 2,391,506; Dec. 25.
Resistance device, Variable. B. S. Turner, M. B. Arisman, and J. G. Veatch. 2,389,750; Nov. 27.
Resistance element. K. M. Lederer. 2,379,530; July 3.
Resistance having a low temperature co-efficient. C. W. Hansell. 2,366,614; Jan. 2.
Resistance switch. H. C. Bolley. 2,375,891; May 15.
Resistance unit. R. B. Immel and L. Pierce. 2,390,790; Dec. 11.
Resistance unit and element thereof. D. C. Wright. 2,378,056; June 12.
Resistance welding circuits. S. L. Burgwin. 2,378.897; June 26.
Resistor. D. R. Crosby. 2,381,724; Aug. 7.
Resistor. C. G. Whittaker. 2,372,150; Mar. 20.
Resistor device. J. J. Kleimack and G. L. Pearson. 2,389,915; Nov. 27.
Resistor, Electric. S. J. Smith. 2,387,096; Oct. 16.
Resistor, Electrical. E. Hediger and W. E. Schildhauer. 2,385,702; Sept. 25.
Resistor for spark plugs. L. L. Stoffel. 2,366,757; Jan. 9.
Resistor for spark plugs. L. L. Stoffel. 2,369,186; Feb. 13.
Resistor for ultra high frequency measurements, Coaxial load. H. N. Kozanowski. 2,387,158; Oct. 16.
Resistor having a high temperature coefficient of resistance. J. H. Bollman and I. G. Wilson. 2,373,160; Apr. 10.
Resistors and making it. N. Y. Priessman. 2,382,024; Aug. 14.
Resistors, Making. L. L. Stoffel. 2,385,386; Sept. 25.
Resolution of enantiomorphs. H. B. Hass. 2,388,688; Nov. 13.
Resolution of mixtures of chlorosilanes. R. O. Sauer and C. E. Reed. 2,388,575; Nov. 6.
Resonant circuit. E. P. Thias. 2,384,504; Sept. 11.
Resonator apparatus, Two-cylinder short-wave. A. H. Ryan. 2,383,343; Aug. 21.
Resonators, Fabrication of quartz. A. F. Winslow. 2,376,219; May 15.
Respiration and aspiration apparatus, Artificial. M. Dann. 2,382,610; Aug. 14.
Respirator. W. J. Joyce. 2,378.929; June 26.
Respirator. W. H. Lehmberg. 2.371,965; Mar. 20.
Respirator locking means. W. Z. Whipple. 2,382,592; Aug. 14.
Responsive control, Thermal expansion. L. C. Wasson. 2,379,124; June 26.
Responsive device, Differential pressure. F. F. House. 2,367,215; Jan. 16.
Responsive device, Fluid flow. F. Martindell. 2,373,041; Apr. 3.
Responsive device for producing and transmitting variable fluid pressure. H. W. Ibbott. 2,369.463; Feb. 13.
Responsive device, Pressure. W. I. Bell and J. S. McKinley. 2,381,429; Aug. 7.
Responsive governor system, Phase. C. R. Hanna and W. O. Osbon. 2,383,306; Aug. 21.

Responsive mechanism, Pressure. F. C. Mock. 2,380,983; Aug. 7.
Rest, Back. J. J. Williams. 2,368,436; Jan. 30.
Rest for riveting hammers. T. F. Shea. 2,378,869; June 19.
Resuscitator. Le R. G. Fox. 2,376,348; May 22.
Retainer, Brake hanger. M. S. Johnson. 2,373,895; Apr. 17.
Retainer for cinematograph sprockets, Film. T. J. Morgan and A. S. Dearborn. 2,390,893; Dec. 11.
Retainer for parachute shroud lines. H. Wilson. 2,366,764; Jan. 9.
Retainer for railroad cars, Floor filler. W. H. Sale. 2,374,623; Apr. 24.
Retainer, Hat. M. L. Nattenheimer. 2,377,711; June 5.
Retainer, Lamp shade. S. R. Kazanjian. 2,391,711; Dec. 25.
Retainer, Matrix. O. C. Samphere. 2,367,439; Jan. 16.
Retainer, Waste. J. McMullen, L. F. Rozesky, and J. F. McMullen. 2,371,247; Mar. 13.
Retaining device. A. Constance. 2,389,344; Nov. 20.
Retaining device. P. J. Hogan. 2,368,544; Jan. 30.
Retaining device for sewing machines, Thread case. A. S. Clark. 2,379,882; July 10.
Retaining link pins in tracks for track-laying vehicles and for like purposes. A. J. Charnock. 2,368,611; Jan. 30.
Retaining means. J. W. Fay and R. Fay. 2,371,234; Mar. 13.
Retaining means for badges, brooches, ornaments, bars for decorative ribbons, or the like. A. W. Madger. 2,388,427; Nov. 6.
Retaining mechanism for brake beams, Brake head. C. R. Moline. 2,391,329; Dec. 18.
Retarder for bombs, Stabilizing. F. G. Manson and J. J. Maskey. 2,368,258; Jan. 30.
Retarding decomposition of peroxide vapors. G. A. Cook. 2,368,806; Feb. 6.
Rethreading tool. A. Mackliet. 2,388,790; Nov. 13.
Reticles or the like, Making. G. E. Guellich. 2,389,504; Nov. 20.
Retort. E. H. Records. 2,385,731; Sept. 25.
Retort construction. D. L. Newkirk and E. E. Ensign. 2,391,439; Dec. 25.
Retort, Continuous. McG. Cline. 2,385,775; Oct. 2.
Retort for packaged food. D. Bensel. 2,389,117; Nov. 20.
Retort, Segmental. F. G. Julyan and W. M. Schweickart. 2,366,966; Jan. 9.
Retorts, Replacing. J. A. Foster and A. E. Ensign. 2,372,946; Apr. 3.
Retractable operating head for vertically actuated arbor or assembly press. S. S. Shoup. 2,390,849; Dec. 11.
Retractable step. E. A. Reynolds. 2,383,930; Aug. 28.
Retractable support. F. T. Court. 2,388,308; Nov. 6.
Retractable undercarriage for aircraft. C. D. Waters. 2,374,146; Apr. 17.
Retractable vehicle support. P. Masters. 2,388,923; Nov. 13.
Retracting cord reel. R. J. Baunach. 2,387,556; Oct. 23.
Retractor and drive, Stud bolt. E. Heuer. 2,391,624; Dec. 25.
Reverberation meter. E. S. Winlund. 2,384,868; Sept. 18.
Reversal process, Positive. H. W. Houston. 2,386,857–8; Oct. 16.
Reverse gear. A. Kuhns and E. R. Gasser. 2,371,828; Mar. 20.
Reversible engine. M. W. Huber. 2,391,575; Dec. 25.
Reversible hoist motor. F. W. Wendelburg and R. J. Wadd. 2,376,299; May 15.
Reversible magnetic gearing. G. F. Drake. 2,373,663; Apr. 17.
Reversible pump. E. S. Witchger. 2,373,368; Apr. 10.
Reversible single-phase motor. A. McLennan. 2,389,381; Nov. 20.
Reversible tap holder. C. H. Hook. 2,375,554; May 8.
Reversible tie. F. J. Benson. 2,371,947; Mar. 20.
Reversing mechanism. J. E. Poorman. 2,384,044; Sept. 4.
Reversing mechanism for engines. H. B. Peterson, Jr. 2,376,182; May 15.
Reversing split-phase motor. C. E. and N. M. Sprague. 2,382,827; Aug. 14.
Revolution indicator. W. R. Perry and P. B. Reeves. 2,370,992; Mar. 6.
Revolutions counter actuator. C. M. F. Friden. 2,388,209; Oct. 30.
Revolver. R. Rice. 2,385,422; Sept. 25.
Revolver crank lock. W. L. Swartz. 2,382,676; Aug. 14.
Revolving chair. C. S. Greenwood. 2,377,002; May 29.
Rewinding machine. R. E. Matthews and F. F. Hensley. 2,376,879; May 29.
Rewinding mechanism. E. W. Coffey. 2,387,644; Oct. 23.
Rewinding mechanism for cameras. P. F. Sperry. 2,374,509; Apr. 24.
Rheostat. W. F. Penrose. 2,383,987; Sept. 4.
Rhythmeter for determining sterility and fertility. G. L. Tilbrook. Re. 22,692; Nov. 13.
Rib, Adjustable. H. Tidwell. 2,378,515; June 19.
Ribbon feeding mechanism for stenographic machines. C. W. Johnson, J. G. Sterling, M. H. and R. T. Wright. 2,387,330; Oct. 23.
Ribbons for typewriters or the like, rejuvenating and reinking. A. F. Von Soden. 2,370,382; Feb. 27.
Ribitylaminobenzenes and the manufacture thereof. J. Lee, U. V. Solmssen, and L. Berger. 2,384,105; Sept. 4.
Riboflavin by biochemical methods, Production of. F. J. Rudert. 2,374,503; Apr. 24.
Riboflavin by butyl alcohol producing bacteria, Production of. M. T. Walton. 2,368,074; Jan. 23.
Riboflavin, Recovering crystalline. G. W. McMillan. 2,367,646; Jan. 16.
Riboflavin, Recovery of. G. E. Hines, Jr. 2,367,644; Jan. 16.
Riboflavin, Recovery of. G. E. Hines, Jr. 2,387,023; Oct. 16.
Riboflavin solution. D. V. Frost. 2,388,261; Nov. 6.
Riboflavin solution. R. S. Shelton. 2,379,644; July 3.
Ribs for welt insoles, Making sewing. W. C. Wright. 2,370,829; Mar. 6.
Rice, Fortification of. E. A. Fieger and V. R. Williams. 2,390,210; Dec. 4.
Rice, Manufacture of improved hulled. M. F. Furter. 2,381,342–3; Aug. 7.
Ridge counter appliance. N. A. Compton. 2,382,206; Aug. 14.
Riffle. D. S. Upham. 2,373,931; Apr. 17.
Rifle. G. J. Hyde. 2,376,057; May 15.
Rifle, Automatic. F. W. Woodhull. 2,375,721; May 8.
Rifle, Semiautomatic. R. F. Gerfen. 2,391,562; Dec. 25.
Rifle sight. A. J. Molek. 2,369,903; Feb. 20.
Rifling machine. G. End. 2,382,302; Aug. 14.
Rig, Splicing. L. H. Garlinghouse. 2,384,992; Sept. 18.
Rigging, Brush. J. E. Mulheim. 2,379,176; June 26.
Rigging, Brush. H. M. Stephenson. 2,389,941; Nov. 27.
Rigging, Cargo handling. O. A. Wirkkala. 2,371,009; Mar. 6.
Rigging hook. G. L. Orme, C. R. Jones, and A. L. Fletcher. 2,387,675; Oct. 23.
Rim-centering means. J. C. Heintz. 2,371,238; Mar. 13.
Rim, Divided. W. S. Brink. 2,367,823; Jan. 23.
Rim for containers, Removable. T. O. Haugland. 2,370,034; Feb. 20.
Rim, Inside curing. T. P. Bacon, Jr. 2,372,246; Mar. 27.
Ring: *See*—
- Adjustable carrier ring.
- Bead locking ring.
- End piston ring.
- Lock ring.
- Metal ring.
- Oil ring.
- Open retaining ring.
- Ornamental wheel trim ring.
- Packing ring.
- Piston ring.
- Segmental packing ring.
- Spinning ring.
- Trim ring.
- Valve seat ring.
- Welding ring.

Ring assembly, Collector. V. R. Holmgren. 2,371,996; Mar. 20.
Ring binder mechanism. F. S. Schade. 2,368,729; Feb. 6.
Ring casting dividing machine. H. M. Olson. 2,373,907; Apr. 17.
Ring lapping machine. C. A. Fulmer. 2,378,696; June 19.
Ring means for fastening insulating spacers in concentric lines. L. L. Young. 2,379,331; June 26.
Ring shaping machine. R. Stenwall. 2,384,705; Sept. 11.
Ring substituted methyl styrene polymers, Depolymerization of. F. J. Soday. 2,372,527; Mar. 27.
Rinsing and drying apparatus. G. O. Thaxton. 2,377,192; May 29.
Ripper, Seam. A. D. Beavin. 2,370,440; Feb. 27.
River weight. T. Wheatley. 2,373,439; Apr. 10.
Rivet. S. R. Gookin. 2,369,670; Feb. 20.
Rivet. M. H. Lees, Jr. 2,371,452; Mar. 13.
Rivet. A. S. Mullgardt. 2,372,222; Mar. 27.
Rivet. E. H. Shaff. 2,385,886; Oct. 2.
Rivet applying tool. J. P. Desmet. 2,386,939; Oct. 16.
Rivet, Blind. G. W. Cook. 2,381,113; Aug. 7.
Rivet bucker. R. J. Townsend. 2,373,277; Apr. 10.
Rivet construction. M. H. Lees, Jr. 2,384,321; Sept. 4.
Rivet cutter. N. S. McEwen. 2,391,637; Dec. 25.
Rivet drill. H. C. Shoffner. 2,372,398; Mar. 27.
Rivet, Explosion. L. A. Burrows. 2,387,742; Oct. 30.
Rivet, Explosive. A. Widrich. 2,378,118; June 12.
Rivet feeder. H. M. Greene and G. L. Shinholt. 2,366,448; Jan. 2.
Rivet magazine. F. M. Harvey. 2,384,738; Sept. 11.
Rivet manufacture. A. S. Mullgardt. 2,385,831; Oct. 2.
Rivet operable by means of hammer blows. E. A. Miller. 2,376,072; May 15.
Rivet remover. W. J. Kanihan. 2,375,112; May 1.
Rivet, Self-locking high-gear. O. S. De Causse. 2,376,329; May 22.
Rivet set. H. W. Young. 2,388,895; Nov. 13.
Rivet set forming tool. F. E. Keller. 2,389,197; Nov. 20.
Rivet setting machine. B. P. Cooper and J. B. Thorne. 2,367,265; Jan. 16.
Rivet setting machine. L. M. Paterson. 2,390,615; Dec. 11.
Rivet string. L. Frank. 2,366,510; Jan. 2.
Rivet, Temporary. J. De Mooy. 2,379,134; June 26.
Rivet, Tubular. S. T. Johnson. 2,366,965; Jan. 9.
Riveted construction. J. A. Larkin. 2,375,116; May 1.
Riveted structure. A. W. Spicer. 2,383,623; Aug. 28.
Riveter, Compression. H. R. Fischer. 2,389,661; Nov. 27.
Riveter, Compression. H. R. Fischer and J. A. Roberts. 2,372,942; Apr. 3.

Riveter, Portable hydraulic. G. T. Harcourt. 2,372,721; Apr. 3.
Riveter, Squeeze. F. A. Kaman. 2,384,175; Sept. 4.
Riveter, Squeeze. F. A. Kaman. 2,387,449; Oct. 23.
Riveter, Squeeze. E. H. Souter. 2,388,877; Nov. 13.
Riveter, Yoke. A. H. Haberstump. 2,370,858; Mar. 6.
Riveter's hand pad. F. W. Ottmer. 2,388,437; Nov. 6.
Riveting apparatus. B. G. Carlson. 2,370,776; Mar. 6.
Riveting apparatus. R. S. Osborne. 2,377,032; May 29.
Riveting apparatus. P. Schultze. 2,381,690; Aug. 7.
Riveting attachment, Multiple angle, hydraulic angle. N. Moreno. 2,373,972; Apr. 17.
Riveting machine. A. R. Havener. 2,366,403; Jan. 2.
Riveting tool. E. M. Bettington. 2,384,434; Sept. 11.
Riveting tool. J. E. F. Gobin dit Daude. 2,376,684; May 22.
Riveting tool. J. E. F. Gobin dit Daudé. 2,378,546; June 19.
Riveting tool. A. H. Morgan. 2,369,910; Feb. 20.
Rivets, Apparatus for setting hollow. T. A. Repper. 2,369,492; Feb. 13.
Rivets, Applying tubular. H. C. Sundstrom. 2,387,692; Oct. 23.
Road building machine and concrete spreader, Combination. J. N. Heltzel. 2,380,435; July 31.
Road edger for asphalt finishers and spreaders. W. H. Lewis. 2,386,221; Oct. 9.
Road engaging means for automobiles or the like. A. J. Cawley. 2,377,923; June 12.
Road making. R. L. James. 2,379,082; June 26.
Road roller. J. H. Ganley. 2,382,986; Aug. 21.
Road sanding apparatus. A. C. Hopkins. 2,368,470; Jan. 30.
Road sign or signal. R. T. Harrison. 2,389,234; Nov. 20.
Roads, Method of and apparatus for the construction of. E. L. Harrington. 2,373,828; Apr. 17.
Roasting coffee. R. F. O'Toole and A. C. Parlini. 2,389,577; Nov. 20.
Roasting rack. M. Lockwood. 2,377,948; June 12.
Roasting vegetable material. T. J. Stephens. 2,388,298; Nov. 6.
Rock crusher. E. H. Anderson. 2,383,457; Aug. 28.
Rock drill support. A. Feucht. 2,379,137; June 26.
Rock drills and like structures, Separable connection for. E. J. Bowman. 2,379,472; July 3.
Rocking horse. W. C. Lutz. 2,372,384; Mar. 27.
Rod: *See*—
Curtain and drapery rod.
Curtain rod.
Double-action piston rod.
Magnesium welding rod.
Traverse rod.
True motion connecting rod.
Rod connection, Sucker. J. W. Johnson. 2,382,422; Aug. 14.
Rod coupling. F. S. Keahey. 2,384,095; Sept. 4.
Rod, Drill. W. B. Peirce. 2,373,850; Apr. 17.
Rod for power hammers, Piston. H. A. Harris. 2,377,417; June 5.
Rod for railway switches, Front. H. R. Smith. 2,377,818; June 5.
Rodmill. K. Z. Huszár. 2,367,585; Jan. 16.
Rodding and cleaning pipes, sewers, and the like, Mechanism for. S. O. Blanc. 2,383,843; Aug. 28.
Rods, Manufacturing stopper. J. T. Labadie. 2,389,517; Nov. 20.
Rodent trap. J. Turpan. 2,373,068; Apr. 3.
Rodenticide. C. P. Richter. 2,390,848; Dec. 11.
Roll changing apparatus for electrolytic coating lines. C. J. Klein. 2,388,980; Nov. 13.
Roll changing device. K. Egge. 2,387,890; Oct. 30.
Roll for belt conveyers, Idler. L. B. McKnight. 2,391,178; Dec. 18.
Roll for flow boxes, Evening. H. J. Williams. 2,390,977; Dec. 11.
Roll for long fiber feeders, Stripping. W. F. Bokum. 2,372,533; Mar. 27.
Roll forming machine, Metal. K. Breuer. 2,374,802; May 1.
Roll, Grinding. A. E. Hamilton. 2,368,760; Feb. 6.
Roll holder. E. H. Cooper. 2,367,203; Jan. 16.
Roll holder. R. S. Sanford. 2,371,109; Mar. 6.
Roll paper dispenser. W. J. Shalhoub. 2,381,229; Aug. 7.
Roll-stop mechanism for wringers. T. R. Smith. 2,370,085; Feb. 20.
Roll stop, Wringer. T. R. Smith. 2,374,465; Apr. 24.
Rollable material to produce sheets or bands having longitudinally decreasing or increasing thickness, Treating a. P. A. Carlberg, C. G. Hård af Segerstad, and S. R. Ryhagen. 2,378,464; June 19.
Roller. C. H. King. 2,368,144; Jan. 30.
Roller, Ammunition. C. A. Hathaway. 2,388,967; Nov. 13.
Roller bearing. N. Medved. 2,383,142; Aug. 21.
Roller, Body. W. F. Spahr. 2,387,688; Oct. 23.
Roller carrier device. A. R. Cole. 2,367,754; Jan. 23.
Roller chain. W. H. C. Berg and V. A. Hanson. 2,374,267; Apr. 24.
Roller drier. A. H. Beckley, Jr. 2,386,286; Oct. 9.
Roller machine, High-speed bending. L. Illmer. 2,369,234; Feb. 13.
Roller, Marking. M. Andrews. 2,371,728; Mar. 20.
Roller, Pin curl hair. H. C. Whittaker. 2,381,195; Aug. 7.
Roller tension for spinning frames. N. Dickison. 2,373,176; Apr. 10.
Rollers for packaging machines, Sealing, crimping, and scoring. L. L. Salfisberg. 2,382,175; Aug. 14.
Rollers of drafting mechanism for textile fibers. J. Noguera. 2,387,937; Oct. 30.
Rolling. C. J. Fiscus. 2,391,401; Dec. 25.
Rolling cutters for drilling purposes, Manufacturing. J. A. Zublin. 2,388,108; Oct. 30.
Rolling machine for rubber articles or the like. F. W. Fenwick. 2,375,093; May 1.
Rolling mill. T. V. Buckwalter and W. L. Scribner. 2,388,249; Nov. 6.
Rolling mill. M. Morgan. 2,370,984; Mar. 6.
Rolling mill construction. L. W. Nash and C. W. Williams. 2,369,684; Feb. 20.
Rolling ring for barrels. M. O. Kuhn. 2,367,834; Jan. 23.
Roof, Arched. J. F. Blaski. 2,366,482; Jan. 2.
Roof, Automobile. K. Tandetzke. 2,390,193; Dec. 4.
Roof bow for trailers, Adjustable. J. J. Black. 2,368,405; Jan. 30.
Roof center. J. S. White. 2,386,525; Oct. 9.
Roof constructing tool. C. G. Locke. 2,373,403; Apr. 10.
Roof covering. T. A. Lawson. 2,373,317; Apr. 10.
Roof for liquid storage tanks, Floating. J. H. Wiggins. 2,386,022; Oct. 2.
Roof, Lifter. D. E. Larson. 2,369,581; Feb. 13.
Roof structure. W. A. Halicki and D. B. Gordon. 2,372,827; Apr. 3.
Roof structure with counterbalancing means, Expansion. L. A. Wilkin. 2,373,797; Apr. 17.
Roof unit, Collapsible. C. B. K. Van Norman. 2,386,077; Oct. 2.
Roof, Wooden. J. F. Blaski. 2,371,421; Mar. 13.
Roofing. A. W. Moeller. 2,371,180; Mar. 13.
Roofing and the like, Corrugated. K. L. Kronenbitter. 2,370,803; Mar. 6.
Roofing compound and making same. C. M. Evans. 2,377,927; June 12.
Roofing installation and forming the same. F. B. Wallace. 2,379,051; June 26.
Roofing machine. C. J. Fenn. 2,373,239; Apr. 10.
Roofing material, Sheet metal. N. A. Ochiltree. 2,369,487; Feb. 13.
Roofs, Construction of pitched. P. W. Abeles. 2,387,487; Oct. 23.
Room arrangement, Sleeping car. E. J. W. Ragsdale. 2,383,162; Aug. 21.
Root harvesting machine. E. Cadieux. 2,389,411; Nov. 20.
Root starch process. R. M. Schilling and G. J. Mitchell. 2,380,874; July 31.
Rope. C. Robins and W. Kershaw. 2,376,813. May 22.
Rope. R. F. Warren, Jr. 2,372,868; Apr. 3.
Rope. E. H. White. 2,385,241; Sept. 18.
Rope clamp. M. A. Puckett. 2,386,908; Oct. 16.
Rope, Inorganic fibre. R. F. Warren, Jr. 2,369,876; Feb. 20.
Rope, Lubricated. R. F. Warren, Jr. 2,372,142; Mar. 20.
Rope lubricating apparatus. R. B. Jenner. 2,370,314; Feb. 27.
Rope, Luminous. R. F. Warren, Jr. 2,382,355; Aug. 14.
Rope splicing tool. E. H. Borgelt. 2,390,505; Dec. 11.
Rosary, Mechanical. E. H. Moore. 2,376,266; May 15.
Rosin, Amine treatment of. L. Auer. 2,384,063; Sept. 4.
Rosin condensation products and producing. E. A. Bried. 2,383,289; Aug. 21.
Rosin derivatives. D. Price and E. L. May. 2,376,382; May 22.
Rosin derivatives, Surface active. D. Price and E. L. May. 2,376,381; May 22.
Rosin, Modification of. L. Auer. 2,384,061; Sept. 4.
Rosin, Modifying. L. Auer. 2,384,062; Sept. 4.
Rosin, Packaging. C. C. Gillican. 2,378,920; June 26.
Rosin, Polymerizing. E. A. Bried. 2,375,618; May 8.
Rosin reaction product and preparation. L. F. Audrieth. 2,374,969; May 1.
Rosin, Refining of. G. B. Arnold. 2,382,196; Aug. 14.
Rosin size dispersions, High free. F. L. Chappell, Jr. 2,385,794; Oct. 2.
Rosin, Stabilizing. W. P. Campbell. 2,373,290; Apr. 10.
Rosin with amines, Treatment of. L. Auer. 2,384,064; Sept. 4.
Roster chart, Mechanical. T. A. Rylander and E. N. Alley, Jr. 2,376,386; May 22.
Rotameter. N. Brewer. 2,370,634; Mar. 6.
Rotary assemblage. J. F. Standish. 2,374,244; Apr. 24.
Rotary assembly of interfitting counterparts. F. W. Tellkamp. 2,374,845; May 1.
Rotary buffing tool. E. W. Hall and A. S. Rock. 2,376,053; May 15.
Rotary burnishing tool. J. W. Iseman. 2,390,651; Dec. 11.
Rotary combustion engine. F. H. Rohr. 2,382,259; Aug. 14.
Rotary cutting tool. H. F. Bakewell. 2,369,273; Feb. 13.
Rotary cutting tool. F. Hofbauer. 2,389,909; Nov. 27.
Rotary disk valve. R. H. Hill. 2,387,397; Oct. 23.
Rotary drier. F. A. Helin. 2,367,578; Jan. 16.
Rotary ejector electrode holder. H. Kruitbosch. 2,368,550; Jan. 30.
Rotary electric switch. F. P. Gates. 2,386,047; Oct. 2.
Rotary electric switch. H. Smith. 2,384,652; Sept. 11.
Rotary engine. M. T. Armstrong. 2,371,942; Mar. 20.
Rotary engine. R. H. Gold and S. Wasserman. 2,371,514; Mar. 13.

Rotary engine. L. D. McCleary. 2,369,306; Feb. 13.
Rotary engine. J. B. Stewart. 2,373,791; Apr. 17.
Rotary engine. H. F. Wolstenholme. 2,387,964; Oct. 30.
Rotary engine or blower device. B. C. Grieb. 2,380,752; July 31.
Rotary file. R. W. Melbourne. 2,367,597; Jan. 16.
Rotary filling housing protector. R. R. Riddle. 2,366,571; Jan. 2.
Rotary friction assembly. J. Geczy. 2,375,098; May 1.
Rotary grader and separator. B. R. Bryan. 2,378,896; June 26.
Rotary heating furnace. A. F. Kritscher. 2,371,335; Mar. 13.
Rotary hydraulic pump or motor. H. L. Chisholm, Jr. 2,369,019; Feb. 6.
Rotary internal-combustion engine. L. W. Beaven. 2,366,478; Jan. 2.
Rotary internal-combustion engine. G. Garbeth. 2,373,304; Apr. 10.
Rotary internal-combustion engine. J. E. Griffith. 2,367,676; Jan. 23.
Rotary metering valve for Diesel engines. S. Lerner. 2,385,089; Sept. 18.
Rotary milling tool. W. C. Harrison. 2,389,235; Nov. 20.
Rotary motor. W. M. Allison. 2,369,002; Feb. 6.
Rotary motor. A. G. Brown. 2,386,539; Oct. 9.
Rotary operating machine. C. B. Brull. 2,373,656; Apr. 17.
Rotary power tool. C. F. Overly. 2,375,490; May 8.
Rotary pressure joint. R. O. Monroe. 2,385,421; Sept. 25.
Rotary printing machine. E. G. Overly. 2,369,404; Feb. 13.
Rotary printing press. C. A. Harless. 2,366,331; Jan. 2.
Rotary printing press. W. A. Whitehead. 2,375,397; May 8.
Rotary printing press. E. W. Worthington. 2,369,814; Feb. 20.
Rotary pump. D. R. Dowling. 2,384,286; Sept. 4.
Rotary pump. E. Fowler. 2,372,076; Mar. 20.
Rotary pump. J. Fuchs. 2,372,480; Mar. 27.
Rotary pump. A. W. Say. 2,368,572; Jan. 30.
Rotary pump. L. S. Smith. 2,381,700; Aug. 7.
Rotary pump. R. Stevenson. 2,367,068; Jan. 9.
Rotary pump. C. W. Van Ranst. 2,380,283; July 10.
Rotary pump. A. von Wangenheim. 2,377,299; May 29.
Rotary pump shaft seal. S. E. Larson. 2,391,577; Dec. 25.
Rotary recess milling device. A. C. Goddard. 2,372,374; Mar. 27.
Rotary reversing engine. H. H. Harrold. 2,390,880; Dec. 11.
Rotary shaft coupling. C. F. Overly. 2,381,770; Aug. 7.
Rotary shaft coupling. C. Shoreys. 2,366,461; Jan. 2.
Rotary steam engine. O. F. Jensen. 2,386,318; Oct. 9.
Rotary steam engine. V. C. Lynch. 2,376,792; May 22.
Rotary tool booster. A. E. Johnson. 2,390,714; Dec. 11.
Rotary transfer assembly. K. Hansen. 2,366,615; Jan. 2.
Rotary valve. E. G. Baker. 2,370,283; Feb. 27.
Rotary valve. T. Gerdes. 2,384,548; Sept. 11.
Rotary valve. C. W. Hall. 2,369,566; Feb. 13.
Rotary valve. E. W. Klas. 2,369,147; Feb. 13.
Rotary valve. R. Wehr. 2,368,956; Feb. 6.
Rotary vane pump. C. R. Waseige. 2,387,629; Oct. 23.
Rotary web printing press. H. J. Luehrs. 2,377,165; May 29.
Rotary wing aircraft. R. R. Hays. 2,369,049; Feb. 6.
Rotary wing aircraft. E. A. Stalker. 2,372,030; Mar. 20.
Rotatable broach holder. O. W. Bonnafe. 2,381,998; Aug. 14.
Rotatable sanding or buffing tool. H. J. Berry. 2,371,021; Mar. 6.
Rotatable structure. H. Michaels. 2,380,862; July 31.
Rotenone preparations, Stabilization of. J. C. de Jonge. 2,375,774; May 15.
Rotisserie, Portable. C. C. Krebs. 2,379,239; June 26.
Rotor. W. L. Hansen and I. N. Hurst. 2,374,347; Apr. 24.
Rotor. C. E. Tack and L. G. Vree. 2,380,085; July 10.
Rotor and making the same, Motor. H. E. Pancher. 2,386,138; Oct. 2.
Rotor and mounting structure. Gyro. L. E. Beach, O. E. Esval, and A. W. Lane. 2,382,967; Aug. 21.
Rotor, Bladed. F. A. M. Heppner. 2,391,623; Dec. 25.
Rotor brake. C. E. Tack. 2,377,190; May 29.
Rotor, Brake. R. Watts. 2,369,328; Feb. 13.
Rotor construction. S. J. Goran. 2,368,296; Jan. 30.
Rotor, Demountable. R. W. Ferris. 2,383,119; Aug. 21.
Rotor for electric motors. A. F. Horlacher. 2,387,073; Oct. 16.
Rotor, High speed induction motor. T. H. Ljunggren and W. F. Moore. 2,372,590; Mar. 27.
Rotor mounting means for variable tuning devices. J. H. Teaf. 2,373,859; Apr. 17.
Rotor, Turbine. O. A. Wiberg. 2,386,527; Oct. 9.
Rotors, Casting. C. E. Sorensen. 2,391,523; Dec. 25.
Rotors, Making cast squirrel cage. S. J. Goran. 2,368,295; Jan. 30.
Roto-thrust converter. E. F. Sarver. 2,382,105; Aug. 14.
Roughing machine, Sole. W. C. Card. 2,388,384; Nov. 6.
Roughing wheel. J. F. Smith. 2,368,577; Jan. 30.
Round work holding fixture. W. T. Brown. 2,373,379; Apr. 10.
Rounding machine. C. G. Brostrom and W. E. Naugler. 2,384,530; Sept. 11.
Routing apparatus. O. N. Gove and L. L. Miller. 2,380,750; July 31.
Roving frame. G. E. Repass. 2,374,832; May 1.
Rubber, Abrasion-resistant synthetic. R. R. Driesbach. 2,374,589; Apr. 24.
Rubber adhesive. K. L. Keene and E. G. Bargmeyer. 2,370,044; Feb. 20.
Rubber, Amelioration of. P. H. M. Compagnon and J. N. L. Le Bras. 2,388,905; Nov. 13.
Rubber and fibrous material and making same, Composite. C. D. Mason. 2,382,248; Aug. 14.
Rubber and making, Plasticized. E. S. Blake. 2,373,375; Apr. 10.
Rubber and product thereof, Treatment of. A. F. Hardman. 2,375,168; May 1.
Rubber articulated joint. H. T. Kraft. 2,366,860; Jan. 9.
Rubber bonding medium. C. M. Grafton. 2,373,308; Apr. 10
Rubber, Chlorinated. W. H. Stevenson. 2,375,958; May 15.
Rubber, Chlorinating. H. L. Tomkinson. 2,382,353; Aug. 14.
Rubber, Chlorination of. E. B. Spaulding. 2,382,342; Aug. 14.
Rubber composition. R. E. Wood. 2,368,190; Jan. 30.
Rubber composition and making same. S. L. Brams. 2,388,037; Oct. 30.
Rubber composition and method for retarding the deterioration of rubber. J. R. Vinograd. 2,379,769; July 3.
Rubber composition, Synthetic. P. C. Jones. 2,381,059; Aug. 7.
Rubber composition, Synthetic. R. C. Morris and E. C. Shokal. 2,391,330; Dec. 18.
Rubber composition, Synthetic. R. D. Snow. 2,372,299; Mar. 27.
Rubber compositions. P. K. Frolich. 2,379,482; July 3.
Rubber compositions containing hydrocarbon resins. F. J. Soday. 2,388,346; Nov. 6.
Rubber compositions, Lubricated. M. Cornell and G. H. Meinzer. 2,368,522; Jan. 30.
Rubber compositions, Stabilized. H. C. Evans and D. W. Young. 2,380,299; July 10.
Rubber compositions, Synthetic. K. E. Marple. 2,380,184; July 10.
Rubber compositions, Synthetic. H. R. Thies. 2,379,464; July 3.
Rubber compounding. A. B. Cowdery. 2,368,807; Feb. 6.
Rubber compounding, Synthetic. A. A. Somerville. 2,374,843; May 1.
Rubber cushioning unit and making same. K. B. Kilborn. 2,382,569; Aug. 14.
Rubber cutting machine. J. H. Sweeney. 2,367,243; Jan. 16.
Rubber derivative composition. P. H. Scrutchfield. 2,381,694; Aug. 7.
Rubber derivatives. F. Hilton. 2,379,354; June 26.
Rubber derivatives, Preparation of. F. J. Bouchard. 2,376,027; May 15.
Rubber dusting apparatus. A. J. Guthrie. 2,370,955; Mar. 6.
Rubber emulsion, Chlorinated. J. G. Little. 2,371,899; Mar. 20.
Rubber, Extension of. F. E. Cislak. 2,378,881; June 19.
Rubber fabric material. E. S. Ebers. 2,375,089; May 1.
Rubber, Gas expanding closed cellular. H. Pfleumer. 2,372,793; Apr. 3.
Rubber hydrochloride. La V. E. Cheyney. 2,388,651; Nov. 6.
Rubber hydrochloride sheet, Plasticized. T. R. Latour. 2,374,759; May 1.
Rubber latices from plants, Recovery of. T. F. Ford. 2,378,990; June 26.
Rubber latex, Improving the properties of. J. H. E. Hessels. 2,367,120; Jan. 9.
Rubber latex, Synthetic. B. M. G. Zwicker. 2,386,764; Oct. 16.
Rubberlike compositions. C. F. Brown. 2,381,720; Aug. 7.
Rubberlike compositions. L. B. Kilgore. 2,376,782; May 22.
Rubberlike copolymers and making the same. R. R. Dreisbach. 2,386,447; Oct. 9.
Rubber-like materials by polymerizing elastogenic polymerizable materials, Continuous process for making. W. S. Calcott and H. W. Starkweather. 2,384,277; Sept. 4.
Rubberlike materials comprising butadiene-1,3-interpolymers, Synthetic. H. Gudgeon, E. Isaacs, and W. M. Morgan. 2,378,140; June 12.
Rubber-like materials from di-hydroxyalkyl sulphides. T. Okita. 2,378,576; June 19.
Rubber-like materials, Manufacture and application of synthetic. J. G. Anderson, R. Hill, and L. B. Morgan. 2,385,182; Sept. 18.
Rubberlike materials, Synthetic. C. F. Fryling. 2,384,543; Sept. 11.
Rubberlike products from emulsions, Recovery of. R. R. Dreisbach. 2,386,449; Oct. 9.
Rubberlike substances, Softening of. A. R. Davis. 2,371,098; Mar. 6.
Rubber lubricant. H. G. Johnson. 2,389,855; Nov. 27.

Rubber mask, Flexible. D. A. Wallace. 2,371,859; Mar. 20.
Rubber or rubberlike composition and method. N. E. Tillotson. 2,379,389; June 26.
Rubber or rubberlike materials, Apparatus and method for the treatment of. J. W. Bowman. 2,368,102; Jan. 30.
Rubber plasticizers. R. T. Dean. 2,373,173; Apr. 10.
Rubber, Preparation of synthetic. C. F. Fryling. 2,384,546; Sept. 11.
Rubber, Preparing aqueous dispersions of reclaimed. A. M. Stover. 2,377,052; May 29.
Rubber, Preparing synthetic. C. F. Fryling. 2,384,544; Sept. 11.
Rubber, Preservation of. J. R. Ingram. 2,374,098; Apr. 17.
Rubber, Preserving. A. M. Neal and J. R. Vincent. 2,370,987; Mar. 6.
Rubber, Preserving. J. R. Vincent. 2,372,235; Mar. 27.
Rubber, Producing and utilizing guayule. P. Kenda. 2,373,689; Apr. 17.
Rubber, Production of synthetic. F. T. Carpenter. 2,386,931; Oct. 16.
Rubber, Production of synthetic. W. L. Semon and C. F. Fryling. 2,378,732; June 19.
Rubber products. W. S. Gocher, A. Jennings, and C. M. Langkammerer. 2,370,457; Feb. 27.
Rubber products, Making. C. L. Beal. 2,373,529; Apr. 10.
Rubber protector. R. J. Turner. 2,388,097; Oct. 30.
Rubber, Reclaiming scrap vulcanizing. W. G. Kirby and L. E. Steinle. 2,372,584; Mar. 27.
Rubber, Reuse of vulcanized scrap synthetic. J. H. Macey. 2,378,717; June 19.
Rubber, Softening. A. R. Davis. 2,366,316; Jan. 2.
Rubber substitute. J. H. Elder. 2,390,829; Dec. 11.
Rubber substitute and making the same. E. D. Hallett. 2,366,396; Jan. 2.
Rubber-to-metal adhesions. G. F. Roquemore. 2,381,186; Aug. 7.
Rubber to other surfaces, Bonding. H. H. Harkins. 2,386,112; Oct. 2.
Rubber treads to decks, Vulcanizing. R. E. Morris. 2,366,209; Jan. 2.
Rubber treated fiber, Manufacture of. C. C. Heritage. 2,375,414; May 8.
Rubber, Treating. W. A. Gordon. 2,370,952; Mar. 6.
Rubber, Treatment of. W. Scott. 2,379,460; July 3.
Rubber, Vulcanizable isobutylene-mono-vinylacetylene synthetic. C. E. Denoon, Jr. 2,384,731; Sept. 11.
Rubber, Vulcanization of. A. R. Davis. 2,366,317; Jan. 2.
Rubber, Vulcanization of. A. F. Hardman. 2,391,234; Dec. 18.
Rubber, Vulcanization of. M. W. Harman. 2,372,895; Apr. 3.
Rubber, Vulcanization of. P. C. Jones. 2,377,787; June 5.
Rubber, Vulcanization of. P. T. Paul. 2,382,813; Aug. 14.
Rubber, Vulcanization of. G. E. P. Smith, Jr. 2,381,397; Aug. 7.
Rubber, Vulcanizing. G. W. Watt. 2,378,269; June 12.
Rubbers, Cyclized. C. M. Carson. 2,371,736; Mar. 20.
Rubbers, Oil resisting. G. Gee and S. C. Stokes. 2,383,540; Aug. 28.
Rubbers, Preparation of oil resisting. E. H. Farmer. 2,379,345; June 26.
Rubbers, Production of synthetic. R. R. Dreisbach. 2,386,448; Oct. 9.
Rubbing machine. R. J. Champayne. 2,367,668; Jan. 23.
Ruby glass, Selenium. C. R. Austin and J. D. Sullivan. 2,382,282; Aug. 14.
Rudder and ground wheel control mechanism for aircraft. R. B. C. Noorduyn and D. G. Whittle. 2,367,649; Jan. 16.
Rudder, Balanced. E. D. and F. Carnaghan. 2,369,279; Feb. 13.
Rudder for boats. A. J. Dawson. 2,383,714; Aug. 28.
Rudder tiller lock. V. Colica. 2,367,186; Jan. 16.
Ruffler operating mechanism. V. J. Sigoda. 2,370,693; Mar. 6.
Ruffling and stitching machine. A. N. Hale. 2,377,777; June 5.
Rug. R. E. Walliser. 2,371,199; Mar. 13.
Rug, covering, or the like. B. Kahn. 2,379,085; June 26.
Rug filler holder. R. Paulus. 2,377,101; May 29.
Rule, Four-place slide. H. W. Moyer. 2,387,404; Oct. 23.
Rule setting gauge. C. F. Kirby. 2,389,316; Nov. 20.
Rule, Slide. T. J. Setera. 2,385,948; Oct. 2.
Ruler, Parallel. C. W. Kuhne. 2,384,555; Sept. 11.
Rums, Production of heavy. R. Arroyo. 2,386,924; Oct. 16.
Run and tear formation, Testing resistance to. C. Dangelmajer. 2,369,661; Feb. 20.
Runner for baby carriages, Snow. C. E. Germain. 2,380,162; July 10.
Runway, Channel. S. H. Clark. 2,378,888; June 19.
Runway marker lighting means. S. Samuel. 2,370,424; Feb. 27.
Rust preventive compositions. H. Roden. 2,374,565; Apr. 24.
S-substituted mercaptomethyl ethers of hydroxylated polymers. W. J. Burke. 2,378,898; June 26.
Saccharine liquids, Raising the pH of. W. A. La Lande, Jr. 2,371,527; Mar. 13.
Safeguarding operators on power presses. A. W. J. Wells. 2,381,237; Aug. 7.
Safe, Portable. R. M. Ferguson. 2,384,826; Sept. 18.
Safe protection. C. R. Davis. 2,376,420; May 22.
Safety ball trap. F. C. Sams. 2,390,224; Dec. 4.
Safety clip. J. L. Mancini. 2,386,967; Oct. 16.
Safety control and ignition system. C. K. Strobel. 2,391,753; Dec. 25.
Safety control apparatus for fuel burners. S. G. Eskin and C. K. Strobe. 2,366,774; Jan. 9.
Safety control apparatus for fuel burners. C. K. Strobel. 2,379,114; June 26.
Safety clasp pin. E. G. Marinetti. 2,373,586; Apr. 10.
Safety control apparatus for gaseous fuel burners. S. G. Eskin. 2,380,640; July 31.
Safety control for fuel burners. S. G. Eskin and C. K. Strobel. 2,388,130; Oct. 30.
Safety control for fuel burners. C. K. Strobel. 2,30,125; July 10.
Safety cutoff switch. A. C. Murphy. 2,384,562; Sept. 11.
Safety device. R. Campos. 2,377,070; May 29.
Safety device. R. R. Cramer. 2,391,682; Dec. 25.
Safety device. E. E. Grover. 2,380,964; Aug. 7.
Safety device. L. A. Ladner. 2,381,671; Aug. 7.
Safety device. J. J. McKeauge. 2,370,870; Mar. 6.
Safety device. A. P. O'Neill. 2,373,332; Apr. 10.
Safety device. J. J. Porter. 2,391,593; Dec. 25.
Safety device applying to doors and windows, Automatic. J. B. A. E. and A. L. V. De Ruschi. 2,375,901; May 15.
Safety device, Central. A. Moessinger. 2,386,706; Oct. 9.
Safety device for automatic screw machines. A. Vajda. 2,373,619; Apr. 10.
Safety device for catalytic converters. D. B. Banks. 2,380,495; July 31.
Safety device for combustion chambers. A. H. Maude. 2,366,669; Jan. 2.
Safety device for drill press tables or the like. E. B. Guze. 2,368,982; Feb. 6.
Safety device for firearms. R. H. Baker. 2,379,946; July 10.
Safety device for seaplanes. J. P. Reynolds. 2,379,186; June 26.
Safety device for ships' propeller shafts. H. E. C. Walpole. 2,372,036; Mar. 20.
Safety device for trailers. C. F. Mooney. 2,381,305; Aug. 7.
Safety device for valves. J. G. Reid, Jr., and L. McNeely. 2,374,564; Apr. 24.
Safety device, Thermoelectric. H. A. Mantz. 2,372,506; Mar. 27.
Safety devices and the like, Thermoelectric. C. V. Hildebrecht. 2,379,712; July 3.
Safety for disk plow hangers. G. R. Ego. 2,381,973; Aug. 14.
Safety glass, Manufacture of. J. H. Boicey and I. A. Willey. 2,382,956; Aug. 21.
Safety lamp guard. W. Schmieder. 2,385,655; Sept. 25.
Safety liquid dispenser. A. T. Harris. 2,385,509; Sept. 25.
Safety lock. A. A. J. Cohan. 2,378,837; June 19.
Safety means for power-operated tools. F. E. Tiffany. 2,387,478; Oct. 23.
Safety mine car coupling pin. J. W. Shealy. 2,389,821; Nov. 27.
Safetypin. H. Van Campen. 2,373,069; Apr. 3.
Safety pin. S. E. Munyer, Jr. 2,375,239; May 8.
Safety razor case. P. A. Derham. 2,378,622; June 19.
Safety razor with a comb member co-operating with one or more cutters. P. H. Pedersen and H. Nielsen. 2,380,461; July 31.
Safety rivet set. W. R. Lawler. 2,379,809; July 3.
Safety stand. W. C. Troendle. 2,378,339; June 12.
Safety system for tractors. R. D. Acton. 2,377,303; June 5.
Safety valve. M. Cavicchioli. 2,369,018; Feb. 6.
Safety window seat. W. Meyer. 2,387,085; Oct. 16.
Safety wrench. A. L. Parker. 2,381,226; Aug. 7.
Salt bath furnace. R. A. Smith. 2,367,897; Jan. 23.
Salt bath furnace. W. Wilson and J. J. Brutyan. 2,386,529; Oct. 9.
Salt conversion, Glauber's. D. M. Ebert. 2,374,004; Apr. 17.
Salt preparation, Stable diazo. W. H. von Glahn, W. L. Walsh, and C. Streck. 2,381,145; Aug. 7.
Salt water intrusion, Detecting. C. S. Sanders. 2,379,106; June 26.
Salts from aqueous solutions, Crystallization of. R. Bloch and I. Schnerb. 2,383,763; Aug. 28.
Salts, Mono-alkenyl-succinic acid mono-ester. L. P. Kyrides. 2,380,699; July 31.
Salts of acid esters as inhibitors in lubricating oils, Vanadium. F. C. Frank, D. E. Badertscher, and H. G. Berger. 2,388,400; Nov. 6.
Salts of β-erythroidine. K. Folkers and R. T. Major. 2,373,953; Apr. 17.
Salts of certain substituted aldimines, etc. M. De Groote. 2,375,899; May 15.
Salts of monoquinonyl-acid-amides, Color compositions containing. R. H. Kienle and C. A. Amick. 2,391,836; Dec. 25.
Salts of polyhydroxyalkyldithiocarbamic acids and their preparation, Metal. M. Hunt. 2,379,965; July 10.

Salts, Recovering magnesium. H. R. Brandenburg. 2,384,009; Sept. 4.
Salts, Sulphonium. E. C. Britton and J. N. Hansen. 2,366,176; Jan. 2.
Salts, Treatment of alkali metal. J. R. Bates. 2,375,761; May 15.
Salvaging device. J. Wertheimer. 2,384,580; Sept. 11.
Sample device. H. E. Riggs and P. H. Griswold. 2,376,087; May 15.
Sample taking apparatus, Side wall. W. P. Orr. 2,389,208; Nov. 20.
Sample washer. A. G. Lewis. 2,369,582; Feb. 13.
Sampler, Dust. J. E. Watson and C. B. McBride. 2,386,282; Oct. 9.
Sampler of granular material. D. A. Pizzirani, F. M. Gould and S. Z. Avedikian. 2,379,921; July 10.
Samples from flowing streams, Removing. G. O. Kimmell. 2,376,542; May 22.
Samples, Method and apparatus for obtaining. J. O. Lewis. 2,380,977; Aug. 7.
Sampling device. S. J. Robison. 2,370,260; Feb. 27.
Sampling device. E. T. Roetman. 2,388,801; Nov. 13.
Sampling device. T. O. Stapleton. 2,387,306; Oct. 23.
Sampling device, Liquid. A. E. Jurs, Jr. 2,388,548; Nov. 6.
Sampling method. J. P. Vollrath. 2,374,847; May 1.
Sand and controlling flowability of same, Molding. R. T. Wood. 2,381,242; Aug. 7.
Sand and other materials from iron, Purification of. A. Sherlock. 2,381,843; Aug. 7.
Sand blasting. A. H. Eppler. 2,380,738; July 31.
Sand from phosphate rock, Separating quartz. E. J. Ellis. 2,384,825; Sept. 18.
Sand reclamation, Method and apparatus. A. Den Breejen, J. J. Amari, R. Luce, D. H. Petty, R. Webster, and T. K. Webster, Jr. 2,383,045; Aug. 21.
Sand trap. L. H. Stoye. 2,384,207; Sept. 4.
Sand trap, Locomotive. E. W. Hoffman. 2,377,938; June 12.
Sandal. P. S. Amenta. 2,377,119; May 29.
Sandal. J. Baehr. 2,368,514; Jan. 30.
Sandal. F. J. Benson. 2,390,685; Dec. 11.
Sandal. J. B. Wingfield. 2,387,819; Oct. 30.
Sandblast mixer valve. A. H. Eppler. 2,371,434; Mar. 13.
Sandblasting and apparatus therefor. G. Franklin. 2,389,616; Nov. 27.
Sandblasting apparatus. S. J. Oechsle and J. N. Childs. 2,376,616; May 22.
Sandblasting of ships' hulls, Method of and apparatus for. W. H. Swenarton. 2,387,193; Oct. 16.
Sander. L. A. Safford. 2,386,006; Oct. 2.
Sander. S. R. Teager. 2,379,503; July 3.
Sander. E. C. Vroman. 2,376,463; May 22.
Sander, Belt. H. T. Lundquist. 2,391,322; Dec. 18.
Sander, Track. V. L. Frantz. 2,380,745; July 31.
Sanding device. G. W. Thomas. 2,384,656; Sept. 11.
Sanding device for automobiles. W. G. Weigold. 2,371,274; Mar. 13.
Sanding machine. J. P. Elliott. 2,391,448; Dec. 25.
Sanding machine. L. S. Farner. 2,370,723; Mar. 6.
Sanding machine. J. Zuk. 2,379,054; June 26.
Sanitary apparatus for toilet doors. L. J. Menges. 2,384,949; Sept. 18.
Sanitary dental floss holder. J. E. Dembenski. 2,381,530; Aug. 7.
Sanitary medium. A. Graue. 2,371,390; Mar. 13.
Sanitary waste receptacle. N. T. Thoren. 2,384,709; Sept. 11.
Sapogenin derivatives and preparation of the same. R. E. Marker. 2,373,133; Apr. 10.
Sapogenin oxidation products and preparing the same. R. E. Marker. 2,377,507; June 5.
Saponification process. S. Hirsch. 2,391,019; Dec. 18.
Saponification process, Continuous. J. J. Jacobs. 2,380,650; July 31.
Saponification products of polyvinyl esters. J. E. Smith. 2,368,949; Feb. 6.
Sap-stain control. R. S. Shumard. 2,385,764; Sept. 25.
Sash and screen, Storm. R. W. Gill. 2,388,404; Nov. 6.
Sash attachment, Window. A. Cipressi. 2,382,294; Aug. 14.
Sash balance. R. G. Luce. 2,370,867; Mar. 6.
Sash balance. A. Viehweger. 2,371,366; Mar. 13.
Sash balance. A. Viehweger. 2,384,980; Sept. 18.
Sash construction. W. P. Kessler. 2,377,427; June 5.
Sash construction, Storm. E. Spickelmier, J. Long, O. O. McKinley, and L. Day. 2,379,111; June 26.
Sash hinging hardware. P. H. Kuyper. 2,383,395; Aug. 21.
Sash-holding device. R. H. Breitenbach and L. E. Willett. 2,372,634; Mar. 27.
Sash opening and closing mechanism. R. T. Axe. 2,385,676; Sept. 25.
Sash, Storm. O. H. Lind. 2,381,129; Aug. 7.
Sash structure, Window. B. Neely. 2,369,402; Feb. 13.
Sash, Ventilating window. E. J. Dumaw. 2,384,240; Sept. 4.
Saturate ketones, Production of. C. Weizmann. 2,367,078; Jan. 9.
Saturated hydrocarbons, Production of. J. J. de Jong. 2,381,041; Aug. 7.
Saturation scheme for direct current generators. W. H. Formhals. 2,372,075; Mar. 20.
Sausage skinning machine. P. Martin. 2,369,360; Feb. 13.
Saw. G. D. Henry. 2,375,651; May 8.
Saw, Band. W. B. and J. E. Boice. 2,384,364; Sept. 4.
Saw, Carcass. D. Dietz. 2,381,489; Aug. 7.
Saw, Chain. M. L. Forrest. 2,387,064; Oct. 16.
Saw Chain. R. L. Victor. 2,372,534; Mar. 27.
Saw cradle, Meat. J. C. Gonser. 2,375,644; May 8.
Saw, Falling. C. Wolf. 2,391,286; Dec. 18.
Saw filing device. A. C. Schoen. 2,376,941; May 29.
Saw for felling and cutting pulpwood, Power. J. Irwin, Jr. 2,378,554; June 19.
Saw frame. K. H. Lenk. 2,388,655; Nov. 6.
Saw grinding device. P. Kiechle. 2,379,642; July 3.
Saw guard. G. W. Smith. 2,372,687; Apr. 3.
Sawhorse. G. A. Karow. 2,376,153; May 15.
Sawhorse. C. O. Larson. 2,376,787; May 22.
Sawhorse. J. R. Long. 2,373,485; Apr. 10.
Saw mechanism for sheet feeding machines, Cutoff. O. S. Bolling. 2,370,932; Mar. 6.
Saw, Metal band. C. A. Furtwangler. 2,369,451; Feb. 13.
Sawmill gauge. J. S. Love. 2,373,486; Apr. 10.
Sawmill, Portable. C. D. Jackson. 2,377,236; May 29.
Saw, Power. F. G. Carnes and W. D. Carnes. 2,383,447; Aug. 28.
Saw sharpening machine. J. T. Lindsey. 2,371,572; Mar. 13.
Saw, Stone. W. Milne. 2,379,243; June 26.
Saw, Surgical. F. Reprogle. 2,367,432; Jan. 16.
Saw, Thumb controlled coping. D. B. McNeely. 2,383,871; Aug. 28.
Scaffold. H. G. Roten. 2,383,163; Aug. 21.
Scaffold clamp. M. Artique. 2,389,751; Nov. 27.
Scaffold, Elevating. H. Soskin. 2,370,887; Mar. 6.
Scaffold-ladder. G. G. Williams. 2,371,092; Mar. 6.
Scaffold ledger bracket. F. O. Ingerman. 2,376,966; May 29.
Scaffold, Portable. C. E. Langdon. 2,369,743; Feb. 20.
Scaffold system. H. H. Clark. 2,383,449; Aug. 28.
Scaffolding. W. H. Krueger. 2,379,446; July 3.
Scale. R. C. Haferl and A. F. Hohne. 2,388,912; Nov. 13.
Scale. D. A. Meeker and K. C. Allen. 2,383,404; Aug. 21.
Scale. M. Thorsson. 2,389,108; Nov. 13.
Scale and clamp, Drilling jig. J. Honyoust. 2,367,582; Jan. 16.
Scale, Assayer's. D. M. Steele. 2,381,086; Aug. 7.
Scale, Automatic. H. G. Allen. 2,384,228; Sept. 4.
Scale compensator. F. S. Eastman. 2,381,268; Aug. 7.
Scale, Computer. H. B. Kittleson. 2,389,369; Nov. 20.
Scale, Elastic measuring. H. M. Wise. 2,388,303; Nov. 6.
Scale, Engineer architect. W. D. Weeks and L. Kube. 2,382,758; Aug. 14.
Scale, Measuring. S. P. Townsend. 2,375,150; May 1.
Scale mechanism. H. G. Reichel. 2,389,113; Nov. 13.
Scale, Multiple capacity weighing. O. S. Carliss. 2,387,242; Oct. 23.
Scale, Postal. P. S. Morgan. 2,383,408; Aug. 21.
Scale, Printing. L. S. Williams. 2,390,482; Dec. 4.
Scale, Recording. S. Töth. 2,382,752; Aug. 14.
Scale, Springless counter. R. J. Sharp. 2,388,091; Oct. 30.
Scale, Squaring. E. R. Nachel. 2,388,174; Oct. 30.
Scale, Weighing. J. R. Eash. 2,368,010; Jan. 23.
Scale, Weighing. R. M. Fraps. 2,368,655; Feb. 6.
Scale, Weighing. C. O. Marshall and L. S. Williams. 2,370,982; Mar. 6.
Scale, Weighing. L. S. Williams. 2,366,947; Jan. 9.
Scale, Weighing. L. S. Williams. 2,368,626; Feb. 6.
Scale, Weighing. L. S. Williams. 2,373,366; Apr. 10.
Scale, Weighing. L. S. Williams. 2,379,207; June 26.
Scanning apparatus for moving strip. C. W. La Pierre. 2,371,963; Mar. 20.
Scarfing device, A. H. Stuart. 2,375,447; May 8.
Scarifying tool. O. P. Arnette. 2,377,918; June 12.
Scavenger roll mechanism. W. Milnarik and J. Bradshaw. 2,366,348; Jan. 2.
Scavenging air valve engine. R. H. Engelhardt. 2,372,477; Mar. 27.
Scent fixative, Producing a. M. Sandoz. 2,383,517; Aug. 28.
Scissors. F. A. Snell. 2,373,607; Apr. 10.
Scissors. F. A. Snell. 2,382,341; Aug. 14.
Scissors and shears sharpener. O. L. Catt. 2,388,039; Oct. 30.
Scissors or shears. A. R. Elia. 2,370,026; Feb. 20.
Scissors, Power. J. T. Stone. 2,384,205; Sept. 4.
Scissors, Ripping. L. A. Amis. 2,382,281; Aug. 14.
Scoop for locomotive tender, Water. J. P. Goebel. 2,370,347; Feb. 27.
Scoop, Weighing. R. F. Shipman. 2,386,637; Oct. 9.
Scoops, Casting a series and a portion of a series of. L. H. Morin. 2,368,260; Jan. 30.
Scooter, Sea. F. J. Horton. 2,379,526; July 3.
Score indicator. H. E. Hoffman. 2,387,847; Oct. 30.
Scourer for kitchen utensils. R. B. Kingman. 2,386,900; Oct. 16.
Scouring and polishing machine, Needle. W. McLucas. 2,380,058; July 10.
Scraper. A. J. Brown and J. B. Silva. 2,380,021; July 10.
Scraper. R. F. Henneuse. 2,374,016; Apr. 17.

Scraper. M. S. Lower. 2,380,855; July 31.
Scraper, Draft operated. W. F. McCarthy. 2,391,584; Dec. 25.
Scraper for electrolytic tinning lines and the like, Edge. R. S. Deans. 2,386,663; Oct. 9.
Scraper for pots, pans, and the like. B. S. Mayer. 2,380,186; July 10.
Scraper head for wire. C. B. Leape. 2,370,051; Feb. 20.
Scraper, Hauling. M. M. Brodersen. 2,368,196; Jan. 30.
Scraper tail-gate mount and control. R. G. Le Tourneau. 2,383,978; Sept. 4.
Scraper, Wheeled. R. S. Hoar. 2,387,263; Oct. 23.
Screed, Adjustable. C. M. Autrey. 2,373,284; Apr. 10.
Screen: *See*—

Automobile window screen.
Combination sliding and rolling light screen.
Detachable frameless screen.
Electric lamp screen.
Fluid pressure screen.
Folding gate screen.
Frameless window screen.
Jarring screen.
Oil screen.
Oil well screen.
Picture transmitter tube mosaic screen.
Portable picture screen.
Projecting screen.
Projection screen.
Translucent screen.
Well screen.

Screen. K. R. Bixby. 2,390,983; Dec. 18.
Screen. A. L. Munro. 2,372,791; Apr. 3.
Screen. W. J. Parks. 2,374,775; May 1.
Screen. E. Schweizer. 2,370,263; Feb. 27.
Screen. H. E. Smith. 2,379,499; July 3.
Screen. E. D. Todd. 2,372,915; Apr. 3.
Screen and door lock, Safety window. J. H. Koebel. 2,379,970; July 10.
Screen and making the same, Light deflector. H. Warp. 2,366,224; Jan. 2.
Screen and manufacture, Luminescent. H. W. Leverenz. 2,376,437; May 22.
Screen cloth, Supporting. F. F. Beil. 2,381,029; Aug. 7.
Screen, Combination sliding and rolling light. F. W. Holstein. 2,384,377; Sept. 4.
Screen construction, Portable reversible. J. T. Heck and L. J. Du Mais. 2,377,553; June 5.
Screen door latch. S. Oxhandler. 2,391,736; Dec. 25.
Screen door latch. H. G. Voight. 2,369,874; Feb. 20.
Screen for aircraft windows and making the same, Frost-preventing. W. C. Geer. 2,385,411; Sept. 25.
Screen for baby pens. M. Berman. 2,382,851; Aug. 14.
Screen for hammer type feed grinders. E. M. Wetmore. 2,386,021; Oct. 2.
Screen for oil burners, Moving. M. Gaertner, 2,372,194; Mar. 27.
Screen for refrigerator cars. C. S. Johnston. 2,385,760; Sept. 25.
Screen for the reception of projected images. R. O. Walker. 2,366,761; Jan. 9.
Screen for wells. C. J. Haynes. 2,371,391; Mar. 13.
Screen inspection and method and article related to the same, Shadow. O. C. Hedin. 2,381,164; Aug. 7.
Screen material, Making. H. W. Thomas. 2,375,597; May 8.
Screen of composite material. H. W. Thomas. 2,368,689; Feb. 6.
Screen printing. A. Eddy. 2,387,984; Oct. 30.
Screen printing apparatus. W. Petty and C. H. Wiley. 2,369,602; Feb. 13.
Screen printing machine. W. A. Maher. 2,379,020; June 26.
Screen printing on cloth. R. F. Foard. 2,369,290; Feb. 13.
Screen with plastic frame. H. E. Van Voorhees. 2,368,053; Jan. 23.
Screening and feeding mechanism, Material. E. A. Glynn and S. Marvin. 2,372,776; Apr. 3.
Screening, Black-out. H. N. Renton. 2,373,416; Apr. 10.
Screw and lock device, Cap. J. R. Emerson. 2,370,944; Mar. 6.
Screw and making, Locking. J. J. Tomalis and H. G. Muenchinger. 2,371,365; Mar. 13.
Screw and nut gear, Ball bearing. R. P. Means, Jr. 2,380,662; July 31.
Screw and nut, Self-locking. H. J. Kent. 2,384,177; Sept. 4.
Screw, Balance. W. O. Bennett, Jr. 2,385,252; Sept. 18.
Screw blanks for double headed screws and header dies for use therewith, Making diamond headed. W. A. De Vellier. 2,373,948; Apr. 17.
Screw, Cap. J. R. Richer. 2,375,249; May 8.
Screw, Compound. E. A. Miller. 2,382,019; Aug. 14.
Screw die-head. A. E. Heckman. 2,390,647; Dec. 11.
Screw driver. A. T. Johnson. 2,378,775; June 19.
Screw driver. H. R. McCartney. 2,370,407; Feb. 27.
Screw driver. W. A. Purtell. 2,369,853; Feb. 20.
Screw driver bit. M. A. and G. E. West. 2,366,682; Jan. 2.
Screw driver or like tool, Self-feeding power-driven. W. A. Billingburst. 2,373,992; Apr. 17.
Screw driver, Portable power-driven. E. S. Moore. 2,374,558; Apr. 24.
Screw driver, Universal. J. H. Bishop. 2,389,129; Nov. 20.
Screw-driving tool. J. R. Hawkins. 2,371,622; Mar. 20.
Screw, Elevating. C. W. Clark. 2,368,345; Jan. 30.
Screw machine. W. E. Joyce, W. H. Himes, and D. I. Wilson. 2,388,612; Nov. 6.
Screw machine. R. Kingsinger, G. Pinkham, and W. Friegel. 2,372,004; Mar. 20.
Screw Mechanism, Feed. B. R. Granberg and G. H. Ekstrom. 2,371,045; Mar. 6.
Screw-racking mechanism, Knitting machine. G. Wilders. 2,371,091; Mar. 6.
Screw, Self-threading. F. L. Davis. 2,387,720; Oct. 30.
Screw, Slotted. E. Schlueter. 2,384,264; Sept. 4.
Screw, Surgical. H. H. Haynes. 2,388,482; Nov. 6.
Screw-thread generating methods. L. C. Steinle and C. H. Hanwell. 2,367,973; Jan. 23.
Screw thread repairing device. W. A. Sturm. 2,374,393; Apr. 24.
Screw-top jar wrench. C. Escher. 2,389,301; Nov. 20.
Screw, Wood. E. G. Crooks. 2,380,724; July 31.
Scribing tool. A. J. Lynex. 2,388,361; Nov. 6.
Scrubber, Flue gas. M. I. Dorfan. 2,380,826; July 31.
Scrubber, Gas. O. W. Hupp. 2,373,565; Apr. 10.
Scrubber, Mattress. F. E. Hays and L. O. Scott. 2,385,511; Sept. 25.
Scrubbing and cleaning machine, Automatic sheep pelt. R. A. Nott and L. S. Ellis. 2,384,691; Sept. 11.
Seal. H. S. Eberhard. 2,376,864; May 29.
Seal. J. M. Gerrard. 2,377,224; May 29.
Seal. J. H. Kohler. 2,366,629; Jan. 2.
Seal. W. W. Meyer. 2,385,420; Sept. 25.
Seal. H. L. Northup. 2,386,496; Oct. 9.
Seal. N. S. Reynolds. 2,385,941; Oct. 2.
Seal. W. Stelzer. 2,371,414; Mar. 13.
Seal and drive construction, Pump. R. R. Curtis and R. L. Gates. 2,380,222; July 10.
Seal and insulator, Transmission line. H. O. Peterson. 2,368,566; Jan. 30.
Seal assembly. B. C. Bredenbeck. 2,390,201; Dec. 4.
Seal, Axle box. G. Stromeier. 2,377,387; June 5.
Seal bearing. S. M. Cooper. 2,375,166; May 1.
Seal, Bearing. E. Thoresen. 2,385,388; Sept. 25.
Seal, Comminutor base. J. J. Wirts. 2,375,455; May 8.
Seal construction. C. A. Ohl. 2,374,887; May 1.
Seal construction. N. S. Reynolds. 2,377,452; June 5.
Seal construction, Bearing. J. E. Shafer. 2,385,306; Sept. 18.
Seal construction, Booster pump. R. R. Curtis. 2,375,085; May 1.
Seal construction, Coupling. A. Townhill. 2,373,925; Apr. 17.
Seal, Decalcomania. E. F. Hall. 2,378,078; June 12.
Seal, Double port rotary. R. E. Carter. 2,384,281; Sept. 4.
Seal, Fluid. A. J. Matter. 2,383,667; Aug. 28.
Seal, Fluid. R. D. Snyder. Re. 22,666; Aug. 14.
Seal, Fluidtight. A. C. Hastings, Jr. 2,379,635; July 3.
Seal, Fluid type. E. L. Dayton. 2,385,406; Sept. 25.
Seal for bags. V. A. Nelson. 2,385,023; Sept. 18.
Seal for battery containers, Post. H. L. Koenig, W. C. Billheimer, and H. T. Havlick. 2,387,590; Oct. 23.
Seal for caskets, Inner. F. W. Hayes. 2,386,549; Oct. 9.
Seal for differential pressure gauges. J. W. Beecher. 2,367,087; Jan. 9.
Seal for gas pickling furnace muffles. R. F. Renkin. 2,367,174; Jan. 9.
Seal for pressure vessels. H. D. Baker. 2,385,754; Sept. 25.
Seal for spaced goggle lenses. C. Fischer. 2,373,388; Apr. 10.
Seal for transmission lines, End. L. W. Richardson and M. W. Scheldorf. 2,376,725; May 22.
Seal for vacuum type coffee makers. F. E. Wolcott. 2,384,359; Sept. 4.
Seal for well drilling rotaries, Blow out. A. R. Maier. 2,390,601; Dec. 11.
Seal for window sash. H. T. Peirson. 2,383,155; Aug. 21.
Seal, Glass-to-metal. M. Nazzewski. 2,386,628; Oct. 9.
Seal, Liquid-tight. O. Jacobsen. 2,374,353; Apr. 24.
Seal members, Making. C. V. Litton. 2,379,584; July 3.
Seal, Oil. A. Procter. 2,370,913; Mar. 6.
Seal, Pump. R. R. Curtis. 2,373,463; Apr. 10.
Seal, Pump diaphragm. J. A. Compton and A. Paul. 2,382,960; Aug. 21.
Seal, Resilient lubricant. L. R. Buckendale. 2,391,007; Dec. 18.
Seal. Shaft. W. R. Freeman. 2,375,985; May 15.
Seal, Shaft. J. T. Janette. 2,370,964; Mar. 6.
Seal, Shaft. A. E. Karlberg. 2,370,471; Feb. 27.
Seal, Shaft. A. E. Karlberg. 2,376,600; May 22.
Seal, Shaft. A. W. Morton. 2,372,103; Mar. 20.
Seal, Shaft. J. W. Ruzicka. 2,368,380; Jan. 30.
Seal structure. H. E. Jacobus. 2,367,781; Jan. 23.
Seal, X-ray tube anode. N. H. Stewart. 2,381,625; Aug. 7.
Sealed-in regulator. W. J. Rady. 2,377,265; May 29.
Sealed submersible structure. T. G. Myers. 2,379,648; July 3.
Sealed switch. F. W. Schwinn. 2,367,441; Jan. 16.
Sealer, Tape. J. Oftedahl and E. J. Oftedahl. 2,368,262; Jan. 30.
Sealing and crimping rollers for packaging machines. L. L. Salfisberg. 2,374,504; Apr. 24.
Sealing arrangement for centrifugal machines. E. Gente. 2,382,706; Aug. 14.
Sealing composition. N. J. Penning. 2,388,568; Nov. 6.
Sealing composition. L. L. Rector and C. L. Cron. 2,367,375; Jan. 16.

Sealing compound, Leak. A. C. Pabst. 2,391,737; Dec. 25.
Sealing container. J. P. Staples. 2,390,561; Dec. 11.
Sealing deposit in a well bore, Producing a. L. C. Chamberlain. 2,378,687; June 19.
Sealing device. J. W. Hobbs. 2,372,781; Apr. 3.
Sealing device. H. Hornschuch. 2,383,862; Aug. 28.
Sealing device. J. W. McConaghy. 2,389,528; Nov. 20.
Sealing device. W. Messinger. 2,388,925; Nov. 13.
Sealing device for internal gear pumps. J. B. Parsons. 2,383,153; Aug. 21.
Sealing device for pivotal joints. A. Searles and C. A. Swartz. 2,389,874; Nov. 27.
Sealing gland. B. E. Del Mar and E. E. Van Dyke. 2,390,928; Dec. 11.
Sealing machine. J. M. Humphrey. 2,376,253; May 15.
Sealing machine. J. M. Humphrey. 2,379,357; June 26.
Sealing machine. W. Stelzer. 2,385,951; Oct. 2.
Sealing machine. J. E. Underwood. 2,372,138; Mar. 20.
Sealing machine. J. E. Underwood. 2,385,429; Sept. 25.
Sealing machine and the like. L. E. La Bombard. 2,379,361; June 26.
Sealing machine, Tube. F. J. Cozzoli. 2,379,343; June 26.
Sealing means. R. Q. Armington. 2,373,443; Apr. 10.
Sealing means. G. N. Harcourt. 2,371,166; Mar. 13.
Sealing means. S. Vernet. 2,368,181; Jan. 30.
Sealing means for the piston of a gas holder. H. H. Liese and H C. Brinkman. 2,371,966; Mar. 20.
Sealing means, Gun. D. R. Berlin and C. G. Trimbach. 2,385,051; Sept. 18.
Sealing mechanism. W. Diezel. 2,391,684; Dec. 25.
Sealing method. E. L. Stein. 2,388,770; Nov. 13.
Sealing unit. L. J. Carey. 2,368,744; Feb. 6.
Seals, Forming. P. L. Spencer. 2,386,820; Oct. 16.
Seals, Making. R. L. Breadner, J. W. Harris, and C. H. Simms. 2,374,269; Apr. 24.
Seals, Making a lead-in. L. C. Goodale. 2,384,833; Sept. 18.
Seam. N. E. Weeks and R. B. Le Roy. 2,378,054; June 12.
Seam for metal containers, End. F. J. O'Brien. 2,384,042; Sept. 4.
Seam or joint, Sheet metal. H. E. Blackburn. 2,381,030; Aug. 7.
Seam or suture for wounds, Indirect. P. E. G. Fernandez. 2,387,131; Oct. 16.
Seam protecting device for cloth shears. W. N. Hadley. 2,375,732; May 8.
Seam system for ventilating garments. A. Barone. 2,385,124; Sept. 18.
Seaming mechanism. W. Diezel. 2,382,469; Aug. 14.
Seaplane docking. W. J. Turnbull. 2,381,789; Aug. 7.
Sear control mechanism for automatic firearms. H. Lippert. 2,381,916; Aug. 14.
Sear for firearms. F. L. Humeston. 2,388,149; Oct. 30.
Searchlight. L. H. Snyder. 2,383,223; Aug. 21.
Seat: *See*—

Adjustable seat.	Floating chair type seat.
Agricultural vehicle seat.	Infant's folding toilet seat.
Airplane pilot's seat.	Infant's toilet seat.
Airplane seat.	Railroad seat.
Bicycle seat.	Reel seat.
Cantilever seat.	Safety window seat.
Cushion seat.	Valve insert seat.

Seat. K. Horner, and L. Hiltman. 2,372,496; Mar. 27.
Seat. S. J. Meiselman. 2,370,061; Feb. 20.
Seat attachment for crutches. W. F. Homrighausen. 2,380,437; July 31.
Seat base or the like and making same. M. M. Cunningham. 2,371,954; Mar. 20.
Seat construction. H. C. Flint. 2,373,751; Apr. 17.
Seat, especially for tractors and agricultural machines, Driver's. A. Lentz. 2,373,694; Apr. 17.
Seat for farm implements and the like. M. M. Cunningham. 2,370,014; Feb. 20.
Seat for invalid transfer devices. M. M. Farmer. 2,380,102; July 10.
Seat locator. H. L. Putt. 2,390,665; Dec. 11.
Seat securing means. R. S. Turner. 2,372,802; Apr. 3.
Seat structure for cabin cruisers, Convertible. C. L. Edwards. 2,383,178; Aug. 21.
Seat, table, and play yard, Combined baby's. M. Sedita. 2,386,721; Oct. 9.
Sectional boiler. A. J. Gallaher. 2,386,945; Oct. 16.
Sectional ladder. R. A. Kennedy. 2,372,003; Mar. 20.
Sectional sliding door. E. W. Goodwin. 2,373,023; Apr. 3.
Securing device. F. A. Ballou, Jr. 2,380,359; July 10.
Securing means. L. Brozek. 2,382,947; Aug. 14.
Sedimentation apparatus. S. I. Bousman. 2,368,703; Feb. 6.
Sedimentation apparatus. S. I. Bousman. 2,370,120; Feb. 27.
Sedimentation apparatus. W. C. Weber. 2,369,194; Feb. 13.
Seed dispensing mechanism. H. H. Radde and W. A. Radde. 2,374,132; Apr. 17.
Seed harvester. B. E. Holbrook. 2,366,622; Jan. 2.
Seed planting machine. J. M. Dodwell. 2,384,820; Sept. 18.
Seeder, Garden. W. Schrader. 2,388,501; Nov. 6.
Seeding attachment. W. A. Hyland. 2,378,635; June 19.
Seeds and plants from pests, Protecting. J. P. Remensnyder. 2,381,411; Aug. 7.
Segmental packing ring. J. W. Price, Jr. 2,375,869; May 15.
Segregated adhesive tape calendar. E. P. Wenzelberger. 2,386,731; Oct. 9.
Seismic prospecting system. E. E. Hoskins and R. M Moore. 2,378,925; June 26.
Seismic surveying. J. O. Parr, Jr. 2,390,322; Dec. 4.
Seismic surveying. C. Reichert. 2,384,851; Sept. 18.
Seismic surveying. J. A. Sharpe. 2,390,187; Dec. 4.
Seismic waves, Method and apparatus for recording. R. A. Broding. 2,372,056; Mar. 20.
Seismograph. J. P. Minton. 2,375,433; May 8.
Seismograph pickup, Directional. R. J. Roberts. 2,390,328; Dec. 4.
Selecting apparatus for use with paper machines, Stock. E. A. Poirier. 2,386,632; Oct. 9.
Selecting device for telephone signal systems. S. D. Vigren, W. O. W. Broberg, and O. K. J. Olsson. 2,367,101; Jan. 9.
Selecting mechanism for calculating machines. K. B. W. Kiel. 2,378,560; June 19.
Selecting system. A. M. Skellett. 2,375,044; May 1.
Selective absorption. K. H. Hachmuth. 2,372,668; Apr. 3.
Selective calling system. A. Weaver. 2,374,908; May 1.
Selective control circuit. E. S. Purington. 2,382,097; Aug. 14.
Selective device. C. Kittel. 2,371,761; Mar. 20.
Selective fading, Reduction of. H. E. Goldstine. 2,389,356; Nov. 20.
Selective null transmission circuit. J. R. Ford and J. M. Brumbaugh. 2,374,419; Mar. 27.
Selective stacking machine. H. G. Bleistein. 2,373,532; Apr. 10.
Selector and exhibiting machines, Bingo counter. C. J. Neitzel. 2,379,030; June 26.
Selector, Automatic program. E. S. Purington. 2,368,778; Feb. 6.
Selector, Coin. W. Patzer. 2,371,310; Mar. 13.
Selector, Faulted phase. E. L. Harder. 2,381,283; Aug. 7.
Selector for automatic phonographs. M. W. Kenney and H. G. Jensen. 2,382,487–8; Aug. 14.
Selector mechanism for automatic phonographs. T. M. Wright. 2,371,491; Mar. 13.
Selector mechanism for multistack weft replenishing looms. W. C. Howe. 2,379,487; July 3.
Selector mechanism for radio receivers, Time controlled. H. C. Goodwin. 2,366,726; Jan. 9.
Selector switch. W. S. Gorton. 2,374,992; May 1.
Selector switch. W. H. T. Holden. 2,372,782; Apr. 3.
Selector switch. V. G. Sprague. 2,391,276; Dec. 18.
Selector switch. H. T. Stenhammer. 2,372,801; Apr. 3.
Selector valve. B. G. Benaway. 2,366,693; Jan. 9.
Selector valve. B. G. Benaway. 2,376,322; May 22.
Selector valve. L. S. Sanderson. 2,391,196; Dec. 18.
Selenium cell. O. Saslaw. 2,386,750; Oct. 16.
Selenium coated plates, Forming blocking layers on. L. R. Jackson and W. F. Stewart. 2,391,706; Dec. 25.
Selenium element, Manufacture of. O. Saslaw. 2,370,493; Feb. 27.
Selenium elements, Making. O. Saslaw and H. Carlson. 2,378,438; June 19.
Selenium elements, Manufacture of. A. J. Miller and E. P. Sauerborn. 2,379,919; July 10.
Selenium, Recovering. J. O. Betterton and Y. E. Lebedeff. 2,378,824; June 19.
Selenium rectifier. T. D. L. Ekenas and G. E. Fåhråeus. 2,375,353; May 8.
Selenium rectifier. G. E. Fahraeus, A. R. Lindblad, and S. J. Wallden. 2,375,355; May 8.
Selenium rectifier temperature indicator. G. H. Shoemaker. 2,384,200; Sept. 4.
Selenium toner and making, Concentrated. W. V. Wadman and L. D. Butcher. 2,382,683; Aug. 14.
Self-adjusting thread holder. W. H. Wakefield. 2,370,826; Mar. 6.
Self-aligning antivibration coupling. H. W. Ibbott. 2,378,851; June 19.
Self-attaching wire holder. W. H. Maack. 2,386,129; Oct. 2.
Self-balancing inverter circuit. J. B. Crawley. 2,383,846; Aug. 28.
Self-cleaning filter. N. Obenshain and M. A. Sively. 2,382,656; Aug. 14.
Self-closing and slow-closing valve. H. C. Krone and W. Meyer. 2,384,627; Sept. 11.
Self-compensating amplifier tube circuit. P. Glass. 2,374,480; Apr. 24.
Self-heating container. N. T. Naranick. 2,374,696; May 1.
Self-igniting attachment and making the same. B. D. Haber. 2,370,306; Feb. 27.
Self-interrupter. G. Schmidt. 2,387,616; Oct. 23.
Self-locking container. M. I. Williamson and V. R. Pantalone. 2,373,730; Apr. 17.
Self-lubricating bearing. B. Schroeter. 2,368,886; Feb. 6.
Self-oiling burnishing tool. W. E. MacGuire and K. J. Dodge. 2,387,453; Oct. 23.
Self-priming centrifugal pump. C. I. Longenecker. 2,386,485; Oct. 9.
Self-priming pump. R. D. Campbell. 2,391,769; Dec. 25.

Self-pulsing circuit. M. Chodorow. 2,391,545; Dec. 25.
Self-quiz testing device. C. Lorber. 2,380,657; July 31.
Self-releasing die holder. W. M. Berg. 2,391,671; Dec. 25.
Self-releasing hoisting hook. J. Herman. 2,370,312; Feb. 27.
Self-sealing coupling. D. W. Main. 2,391,022; Dec. 18.
Self-sealing fuel tank. R. A. Crawford. 2,374,332; Apr. 24.
Self-sealing fuel tank. E. C. Phillips. 2,391,477; Dec. 25.
Self-sealing stuffing box. E. G. Zimmermann. 2,366,824; Jan. 9.
Self-starting constant pressure internal-combustion engine. G. A. Stanzel. 2,379,838; July 3.
Self-wiping electric plug connector. H. Korn. 2,391,425; Dec. 25.
Semiconducting composition. H. H. Barker and L. R. Hill. 2,377,600; June 5.
Sensing means. B. F. Terry. 2,374,790; May 1.
Sensing mechanism. W. L. Drown. 2,367,568; Jan. 16.
Sensing mechanism. H. K. Leonard. 2,370,805; Mar. 6.
Sensing mechanism. L. S. Williams. 2,385,323; Sept. 18.
Sensitization of hydrogen bromide catalyzed oxidation reactions. J. H. Raley. 2,391,740; Dec. 25.
Sensitometry. L. A. Jones, C. N. Nelson and L. D. Clark. 2,380,244; July 10.
Sensitometry. O. E. Miller. 2,376,166; May 15.
Separable fastener. O. J. Huelster. 2,367,217; Jan. 16.
Separable fastener. G. H. Hufferd. 2,380,240; July 10.
Separable fastener. L. H. Morin. 2,385,020; Sept. 18.
Separable fastener. M. Winterhalter. 2,380,623; July 31.
Separable handle and band clamp. J. H. Reichart. 2,378,867; June 19.
Separating and sizing device, Mineral. P. J. Minichello. 2,391,029; Dec. 18.
Separating apparatus. A. A. Clark and H. W. Hooper. 2,389,611; Nov. 27.
Separating apparatus. C. B. Schneible. 2,378,798; June 19.
Separating apparatus. C. B. Schneible and C. C. Hermann. 2,374,238; Apr. 24.
Separating device, Continuous pressure. R. M. Thompson. 2,382,453; Aug. 14.
Separating hydrocarbons and making mercaptans. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,386,769; Oct. 16.
Separating hydrocarbons and making mercaptans. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,386,771–2; Oct. 16.
Separating hydrocarbons and making mercaptans. D. E. Badertscher, H. L. Coonradt, and D. J. Crowley. 2,386,774; Oct. 16.
Separating machine. J. Q. Sherman. 2,368,683; Feb. 6.
Separating means, Component. M. L. Sappenfield. 2,369,255; Feb. 13.
Separating 3-picoline, 4-picoline, and 2,6-lutidine. F. E. Cislak and O. D. Cunningham. 2,374,418; Apr. 24.
Separating 2,3,6-trimethyl phenol and 2-methyl-4-ethyl phenol. A. De Benedictis and D. B. Luten, Jr. 2,370,719; Mar. 6.
Separation. E. L. Wiegand. 2,369,878; Feb. 20.
Separation of diolefins. R. C. Morris and H. de V. Finch. Re. 22,671; Aug. 28.
Separation of methylacetylene from C_4 hydrocarbons. W. S. Walls and M. R. Dean. 2,371,860; Mar. 20.
Separation of mineral values from ores. F. J. Cahn. 2,389,763; Nov. 27.
Separation of organic compounds. B. S. Friedman. 2,385,981; Oct. 2.
Separation of protein from animal matter containing protein of water-soluble form. W. G. Gordon. 2,377,624; June 5.
Separation of tertiary base olefins from hydrocarbon mixtures. D. E. Badertscher, D. J. Crowley, and C. F. Feasley. 2,386,773; Oct. 16.
Separation of trimethyl amine and ammonia from amination reaction mixtures. J. F. Olin. 2,388,217; Oct. 30.
Separation process. A. S. Carter and A. V. Willett, Jr. 2,381,038; Aug. 7.
Separation process. J. D. Fitzpatrick and L. D. Myers. 2,389,191; Nov. 20.
Separation process. G. Riethof. 2,383,016; Aug. 21.
Separation process. H. M. Weir. 2,366,900; Jan. 9.
Separation process, Heavy media. G. B. Walker. 2,387,866; Oct. 30.
Separator: *See*—
- Battery separator.
- Carbon separator.
- Centrifugal dust separator.
- Centrifugal separator.
- Coin separator.
- Continuous centrifugal separator.
- Cyclone separator.
- Dust separator.
- Egg separator.
- Equilibrium grain separator.
- Gasoline and water separator.
- Gravity separator.
- Liquid and gas separator.
- Magnetic separator.
- Mist separator.
- Mixed material separator.
- Oil and gas separator.
- Oil separator.
- Resilient ball separator.
- Rotary grader and separator.
- Silencer and solid particle separator.
- Sludge separator.
- Surgical separator.
- Vapor separator.
- Vibratory separator.
- Wood pulp separator.

Separator. J. Blizard. 2,389,130; Nov. 20.
Separator. E. S. Gorton. 2,391,412; Dec. 25.
Separator. W. D. Yerrick and A. Jensen. 2,391,534; Dec. 25.
Separator for automobile ventilating devices, Rain. E. E. Hans. 2,372,377; Mar. 27.
Separator for cooling systems, Oil saving. A. G. Wood. 2,387,208; Oct. 16.
Separator for printing presses, Sheet. B. W. Dalton. 2,390,827; Dec. 11.
Separator of the vortex type for paper pulp. H. E. B. Scott. 2,377,721; June 5.
Separator or clarifier, Centrifugal. A. F. Howe. 2,370,353; Feb. 27.
Separators, Baffle for steam and water. J. E. Biery. 2,368,443; Jan. 30.
Separators, Pilot valve for oil and gas. F. T. Haddock. 2,382,710; Aug. 14.
Septic tank. N. J. Burgett. 2,378,616; June 19.
Septic tank. G. E. Evans and I. Gutman. 2,367,270; Jan. 16.
Serial punching and card counting apparatus for use with perforating machines. C. D. Lake. 2,377,791; June 5.
Serrations in flat surfaces, Machining curved. J. Dusevoir. 2,367,850; Jan. 23.
Service equipment, Automatic. E. J. De Costa and J. S. Glickauf, Jr. 2,377,133; May 29.
Serving device, Food. H. G. Zoia. 2,380,629; July 31.
Serving tool. W. E. White. 2,390,674; Dec. 11.
Servomotor. F. C. Biggert, Jr. 2,370,137; Feb. 27.
Servomotor. E. Dodson. 2,376,671; May 22.
Servo motor. R. H. Hill. 2,391,702; Dec. 25.
Servomotor. G. A. Waldie. 2,368,791; Feb. 6.
Servo power application to dies of die-casting machines. L. H. Morin. 2,379,738; July 3.
Servo unit. C. E. Fitch. 2,380,510; July 31.
Settee, Convertible. O. W. Mann. 2,377,958; June 12.
Setter and puller, Post. P. A. Bezzerides. 2,374,406; Apr. 24.
Setting mechanism, Single knob price. C. S. Hazard and H. F. Soper. 2,375,787; May 15.
Setting up device, Egg carton. K. T. Buttery. 2,385,401; Sept. 25.
Settler. J. R. Schonberg and R. A. Given. 2,375,590; May 8.
Setup and adjustment means. D. Kasen. 2,377,239; May 29.
17-hydroxyandrostanes, their derivatives and substitution products and making same, Saturated and unsaturated. K. Miescher and A. W. Basel. 2,374,369–70; Apr. 24.
Severing apparatus. F. Lombardo. 2,372,788; Apr. 3.
Sewage and other waste material, Treating. L. E. Langdon. 2,370,974; Mar. 6.
Sewage clarification and sludge removal, System of. L. B. Griffith. 2,389,357; Nov. 20.
Sewage comminuting apparatus. W. J. Hughes. 2,391,704; Dec. 25.
Sewage, Method and apparatus for treating. J. D. Walker. 2,391,494; Dec. 25.
Sewage disposal. J. A. Montgomery and L. E. Livingston. 2,388,795; Nov. 13.
Sewage ejecting apparatus, Pneumatic. W. G. Winter. 2,373,935; Apr. 17.
Sewage ejector. C. Yeomans. 2,383,834; Aug. 28.
Sewage or other waste material, System for and method of treating. M. Levine. 2,366,917; Jan. 9.
Sewage screening apparatus. J. D. Walker. 2,379,615; July 3.
Sewage treating apparatus. A. C. Durdin, III. 2,381,579; Aug. 7.
Sewage treatment. A. C. Durdin, III. 2,378,756; June 19.
Sewage treatment system. C. W. Chase. 2,380,025; July 10.
Sewed double side seam bag. H. A. Rohdin. 2,378,503; June 19.
Sewer sludge, screenings, and garbage combustion apparatus. A. C. Peterson and C. R. Raiter. 2,389,077; Nov. 13.
Sewing and binding machine. O. R. Haas. 2,388,739; Nov. 13.
Sewing apparatus. P. Gardner and R. Kagan. 2,381,817; Aug. 7.
Sewing apparatus. R., V., and H. Naftali. 2,383,613; Aug. 28.
Sewing machine. H. E. Althens. 2,385,768; Oct. 2.
Sewing machine. T. A. Anderson. 2,376,648; May 22.
Sewing machine. H. L. Bagwell. 2,391,379; Dec. 25.
Sewing machine. W. K. R. Beyer. 2,378,534; June 19.
Sewing machine. N. V. Christensen. 2,372,175; Mar. 27.
Sewing machine. D. A. Cumfer. 2,369,118; Feb. 13.
Sewing machine. K. P. Hollander. 2,367,865; Jan. 23.
Sewing machine. C. W. Johnson. 2,368,066; Jan. 23.
Sewing machine. C. W. Johnson. 2,386,800; Oct. 16.
Sewing machine. F. A. Kucera. 2,370,738; Mar. 6.
Sewing machine. J. Mann. 2,381,977; Aug. 14.
Sewing machine. W. H. May. 2,377,951; June 12.
Sewing machine. R. Naftali, V. Naftali and H. Naftali. 2,372,105; Mar. 20.
Sewing machine. L. R. Newton, H. E. Haase, and C. T. Walter. 2,389,112; Nov. 13.
Sewing machine. M. Pedersen. 2,383,677; Aug. 28.
Sewing machine. F. A. Reece. 2,377,037; May 29.
Sewing machine. C. F. Rubel. 2,373,418; Apr. 10.

Sewing machine. G. Sauer. 2,386,349; Oct. 9.
Sewing machine. J. Schifter. 2,390,126; Dec. 4.
Sewing machine. A. M. Sheldon. 2,367,145; Jan. 9.
Sewing machine. E. N. Simmons and D. F. Dwyer. 2,374,043; Apr. 17.
Sewing machine. C. C. Smith. 2,391,519; Dec. 25.
Sewing machine. N. F. Townsend and F. P. Tamburro. 2,384,509; Sept. 11.
Sewing machine. C. T. Walter and L. R. Newton. 2,375,155; May 1.
Sewing machine. C. T. Walter. 2,380,912; July 31.
Sewing machine and operating the same. J. E. Wertz. 2,376,216; May 15.
Sewing machine and thread controlling device, Shoe. T. F. Orr and L. S. Curtin. 2,384,488; Sept. 11.
Sewing machine arm. C. E. Colegrove. 2,390,571; Dec. 11.
Sewing machine attachment. D. L. Bacon, S. P. Caldwell, and W. L. Barmmer. 2,374,721; May 1.
Sewing machine attachment. H. H. Pelzer. 2,378,096; June 12.
Sewing machine attachment. C. Seaman. 2,378,730; June 19.
Sewing machine attachment. H. H. Russell. 2,389,745; Nov. 27.
Sewing machine, Button. F. A. Reece. 2,378,656; June 19.
Sewing machine drive. H. J. Le Vesconte and A. M. Schweda. 2,390,220; Dec. 4.
Sewing machine, Lock stitch. H. J. Le Vesconte and A. M. Schweda. 2,385,288; Sept. 18.
Sewing machine motor controller. C. R. Schenk. 2,384,772; Sept. 11.
Sewing machine, Portable. C. A. Martin. 2,371,401; Mar. 13.
Sewing machine, Shoe. L. L. Barner. 2,383,530; Aug. 28.
Sewing machine, Tie. J. A. Neumair and C. W. Johnson. 2,387,282; Oct. 23.
Sewing machine unit. N. V. Christensen. 2,374,731; May 1.
Sewing machines, Darning attachments for. W. O. Runcie and G. M. Keczeli. 2,390,329; Dec. 4.
Sewing machines, Needlebar mechanism for. L. M. Ballamy and R. H. Sheepshanks. 2,390,288; Dec. 4.
Sewing machines, Thread take-up for. C. F. Rubel. 2,391,517; Dec. 25.
Sextant. O. E. Esval and W. Wrigley. 2,389,143; Nov. 20.
Sextant. J. V. Horr. 2,378,770; June 19.
Sextant, Gyro-stabilized. O. E. Esval and W. Wrigley. 2,389,142; Nov. 20.
Shackle. O. A. Wirkkala. 2,375,719; May 8.
Shackle, Guy line. J. G. Slavens. 2,373,980; Apr. 17.
Shade and curtain bracket. I. Ilieff. 2,386,861; Oct. 16.
Shade attachment, Window. A. H. Cadieux. 2,389,593; Nov. 27.
Shade, Coated glass fiber window. C. S. Hyatt and T. J. Kerr. 2,381,542; Aug. 7.
Shade mounting for outswinging windows. C. H. Shirley. 2,386,986; Oct. 16.
Shaded-pole synchronous electric motor. A. B. Poole. 2,382,333; Aug. 14.
Shaft and air-cooled handpiece, Flexible. R. Schumann. 2,377,271; May 29.
Shaft aligning apparatus. O. W. Packer. 2,380,867; July 31.
Shaft and motor carrier, Flexible. W. D. Snyder and W. J. Emmer. 2,368,731; Feb. 6.
Shaft articles, Coating. W. D. Kmentt. 2,388,159; Oct. 30.
Shaft bearing. G. B. Philips and J. R. Tuuri. 2,388,570; Nov. 6.
Shaft bearing. L. C. Steinle and C. H. Hanwell. 2,388,503; Nov. 6.
Shaft coupling. R. A. Niekamp. 2,385,369; Sept. 25.
Shaft, Flexible. J. L. Smith. 2,370,884; Mar. 6.
Shaft, Propeller. C. L. Dewey. 2,380,952; Aug. 7.
Shaft protector. R. K. Hoke. 2,385,000; Sept. 18.
Shaft seal assemblies, Manufacturing. A. A. McCormack. 2,382,245; Aug. 14.
Shafting, Flexible. G. G. Eisenbeis. 2,366,688; Jan. 2.
Shaker, Cocktail. C. T. Jacobs. 2,387,151; Oct. 16.
Shaker, Combination separable salt and pepper. E. C. Hanley. 2,376,855; May 29.
Shaker, Condiment. L. R. De Lauder. 2,373,551; Apr. 10.
Shaking and conveying machine. L. R. Newton. 2,380,910; July 31.
Shampoo device, Vibrating. D. S. Berns and C. J. Cardona. 2,369,881; Feb. 20.
Shank and patching cement press for footwear. C. G. Hilton. 2,385,273; Sept. 18.
Shank construction. W. B. Pohle. 2,383,212; Aug. 21.
Shank reducing machine. C. E. Hood. 2,373,758; Apr. 17.
Shank stiffener and making the same. F. E. Toothaker. 2,371,322; Mar. 13.
Shape burner. C. G. Hubkey. 2,378,017; June 12.
Shaped bodies capable of being sintered, Making. W. Dawihl. 2,378,539; June 19.
Shaped parts made out of a supple, elastic, nonmetallic matter, Manufacture of. L. Bolle. 2,375,518; May 8.
Shaper. H. C. Langhorst. 2,366,200; Jan. 2.
Shaper attachment, Hydraulic duplicating. M. Turchan and C. Walker. 2,376,405; May 22.
Shaping machine. E. D. Boyce. 2,368,965; Feb. 6.
Shaping machine. R. B. Mentzer. 2,385,015; Sept. 18.
Shaping press. W. K. Beinhoff. 2,386,535; Oct. 9.
Sharpener, Drill. W. O. Benning. 2,369,642; Feb. 20.
Sharpener, Drill. E. F. Wickens. 2,369,627; Feb. 13.
Sharpener, including equalizing means, Lawn mower. F. D. Wulff. 2,371,492; Mar. 13.
Sharpener, Knife. F. R. Chester. 2,386,194; Oct. 9.
Sharpener, Knife. F. O. De Millar. 2,378,754; June 19.
Sharpener, Lawn mower. W. F. H. Braun. 2,367,562; Jan. 16.
Sharpener, Lawn mower. O. Brooks. 2,378,179; June 12.
Sharpener, Lawn mower. F. E. Gilbreath. 2,373,022; Apr. 3.
Sharpener, Lawn mower. J. L. Ward. 2,377,984; June 12.
Sharpener, Pencil. J. J. Lucas. 2,382,017; Aug. 14.
Sharpener, Pencil. A. H. Paschell. 2,366,928; Jan. 9.
Sharpener, Razor. J. L. S. Rosenberg. 2,372,121; Mar. 20.
Sharpener, Razor blade. W. T. Clarke. 2,374,419; Apr. 24.
Sharpener, Razor blade. D. Heller. 2,391,701; Dec. 25.
Sharpener, Razor blade. E. T. Knitter. 2,381,669; Aug. 7.
Sharpener, Razor blade. J. P. Ross. 2,373,853; Apr. 17.
Sharpening and gauging mechanism, Correlating drill bit. J. F. McCarthy, Jr. 2,367,229; Jan. 16.
Sharpening device. F. E. Broberg. 2,387,877; Oct. 30.
Sharpening device. Le R. Craven. 2,376,477; May 22.
Sharpening device, Drill. J. Michelson. 2,389,679; Nov. 27.
Sharpening implement. E. Probst. 2,367,737; Jan. 23.
Sharpening instrument. B. M. Miller. 2,380,539; July 31.
Sharpening machine, Universal precision. G. Grobet. 2,391,153; Dec. 18.
Sharpening means for safety razors. F. Evans. 2,385,436; Sept. 25.
Sharpening or like device, Scissors. D. L. Iafrate. 2,384,922; Sept. 18.
Shaver. H. Schlotthauer. 2,376,197; May 15.
Shaver motor. E. S. Tolmie. 2,368,951; Feb. 6.
Shaver, Motor-operated. C. W. Holcomb. 2,388,324; Nov. 6.
Shaving apparatus, Electrical or mechanical, Dry. S. L. Susunaga. 2,370,331; Feb. 27.
Shaving brush holder. M. K. Katz. 2,385,003; Sept. 18.
Shaving machine. G. F. Bahr. 2,373,370; Apr. 10.
Shaving machine. J. C. Garand. 2,367,208; Jan. 16.
Shaving machine. A. E. Jensen. 2,371,242; Mar. 13.
Shaving mechanism. A. Belz. 2,374,724; May 1.
Shaving mechanism. W. J. Neidig. 2,367,686; Jan. 23.
Shaving preparation, Brushless. R. Thomas and H. Whitham. 2,366,759; Jan. 9.
Shear. W. Hartkopf. 2,369,673; Feb. 20.
Shear. F. T. Neale. 2,389,531; Nov. 20.
Shear. T. Serdich. 2,391,598; Dec. 25.
Shear, Alligator. L. L. Hercik. 2,370,311; Feb. 27.
Shear for flanged metal shapes. J. Soutar. 2,366,987; Jan. 9.
Shear pin drive, rotary. R. A. Rowsey. 2,388,186; Oct. 30.
Shear pin mechanism. S. M. Mercier. 2,384,188; Sept. 4.
Shear, Pneumatic pruning. L. Browning. 2,391,676; Dec. 25.
Shear, Rotary. E. A. Rathgen. 2,370,993; Mar. 6.
Shear, Scrap. J. W. McWilliams and P. R. Moss. 2,368,152; Jan. 30.
Shearing and punching machine for sheet metal. E. L. S. Borg. 2,386,652; Oct. 9.
Shearing machine. R. L. Griffin and N. Y. Moore. 2,387,579; Oct. 23.
Shears. G. Wilson. 2,372,242; Mar. 27.
Shears, Nonmetallic molded replaceable blade. L. W. Schaaff. 2,377,906; June 12.
Shears or scissors. G. V. Arnold. 2,369,271; Feb. 13.
Shears, Pinking. C. E. Brown. 2,387,053; Oct. 16.
Shears, Power actuated pruning. C. J. Johnson. 2,366,909; Jan. 9.
Shears, Sheep. E. P. Turner. 2,375,262; May 8.
Sheathing unit. C. J. Fink. 2,390,087; Dec. 4.
Sheave mechanism for looms, Harness cord. O. V. Payne. 2,379,743; July 3.
Sheet: *See*—
Paint and drawing sheet.
Sheet and making same, Soap. J. H. Muise. 2,389,736; Nov. 27.
Sheet binding means. F. J. Perry, Sr. 2,372,115; Mar. 20.
Sheet control delivery mechanism for lithograph, varnishing machines, and the like. H. W. Brintnall. 2,381,719; Aug. 7.
Sheet cutter. R. U. Strandberg. 2,376,460; May 22.
Sheet cutter. C. E. Youngchild. 2,376,470; May 22.
Sheet cutting machine. R. E. J. Nordquist. 2,387,767; Oct. 30.
Sheet delivery control arrangement in printing presses. M. R. Bellamy. 2,384,523; Sept. 11.
Sheet feeder. H. J. Luehrs and P. W. Cottrell. 2,383,807; Aug. 28.
Sheet feeder. H. E. Peyrebrune and B. B. Pasquinelli. 2,377,447; June 5.

Sheet feeding and stacking apparatus. J. C. Strickler. 2,373,149; Apr. 10.
Sheet feeding apparatus. L. Baker. 2,389,480; Nov. 20.
Sheet feeding device. A. W. Metzner. 2,366,206; Jan. 2.
Sheet-feeding mechanism. L. E. La Bombard. 2,369,914; Feb. 20.
Sheet feeding mechanism. J. T. Hale. 2,375,989; May 15.
Sheet feeding mechanism. W. F. Leonhart. 2,378,306; June 12.
Sheet feeding mechanism. W. Pechy. 2,374,698; May 1.
Sheet feeding mechanism. F. W. Seybold. 2,384,046; Sept. 4.
Sheet feeding mechanism, Automatic. L. E. La Bombard. 2,381,853; Aug. 7.
Sheet-feeding method and machine. L. L. Matthews. 2,367,416; Jan. 16.
Sheet folding. J. W. Cordell. 2,386,933; Oct. 16.
Sheet for loose leaf-book pages. W. P. Pitt. 2,375,582; May 8.
Sheet for railway cars, Floor protecting. C. D. Bonsall. 2,387,226; Oct. 23.
Sheet handling apparatus. A. Neuhart. 2,369,686; Feb. 20.
Sheet handling apparatus. A. A. Saul. 2,371,190; Mar. 13.
Sheet handling apparatus. J. Sinkovitz. 2,372,229; Mar. 27.
Sheet holder. A. J. Lev. 2,373,482; Apr. 10.
Sheet holder. S. M. McCarthy. 2,372,904; Apr. 3.
Sheet material. H. N. Atwood. 2,373,738; Apr. 17.
Sheet material. W. A. Hoffman and R. S. Schreiber. 2,378,479; June 19.
Sheet material, Flexible coated. R. Stone. 2,371,001; Mar. 6.
Sheet material, Heat-seal. E. L. Kallander. 2,376,778; May 22.
Sheet material joint. J. D. Granville. 2,374,743; May 1.
Sheet material, Making. H. Himmell. 2,368,024; Jan. 23.
Sheet material, Adhesive. E. S. Hole. 2,379,964; July 10.
Sheet material by electrical discharges, Perforation of. I. H. Wilsey and J. W. Meaker. 2,379,846; July 3.
Sheet material, Manufacture of. R. G. Jackson. 2,380,762; July 31.
Sheet material, Method and apparatus for bending. W. H. Nobles. 2,382,807; Aug. 14.
Sheet material, Method and apparatus for coating. L. O. Goff and F. H. Frost. Re. 22,605; Feb. 20.
Sheet material, Method and apparatus for making. C. J. Davies. 2,383,849; Aug. 28.
Sheet material, Method of and apparatus for crimping the marginal portion of. J. S. Kamborian. 2,378,639; June 19.
Sheet material, Peelable heat-seal. E. L. Kallander. 2,376,777; May 22.
Sheet materials, Treating. G. B. Brown. 2,375,276; May 8.
Sheet metal, Forming. H. M. Jager. 2,378,482; June 19.
Sheet metal lagging tool. A. Osborne. 2,380,781; July 31.
Sheet metal, Process of and apparatus for operating on. C. M. Yoder. 2,391,499; Dec. 25.
Sheet metal, Rolling. C. G. Jones. 2,385,627; Sept. 25.
Sheet metal shaping and shearing. J. L. Berger. 2,377,664; June 5.
Sheet metal structure. G. Elwert. 2,371,036; Mar. 6.
Sheet metal structure and making the same. A. G. Dean. 2,383,370; Aug. 21.
Sheet, moistureproof. W. L. Hyden and J. A. Mitchell. 2,388,326; Nov. 6.
Sheet mount. W. C. Montignani. 2,378,151; June 12.
Sheet or strip, Insulating. C. E. Binns and S. Palmer. 2,372,877–8; Apr. 3.
Sheet, Powder fiber. E. J. Merrell. 2,389,678; Nov. 27.
Sheet-retaining attachment for platen presses. H. L. Thompson. 2,370,591; Feb. 27.
Sheet stacking machine. H. W. Lindgren and F. H. Nemitz. 2,375,241; May 8.
Sheet transfer mechanism. C. F. Root. 2,367,529; Jan. 16.
Sheet treating machine. J. Felber. 2,371,161; Mar. 13.
Sheet, Water-proof felted. P. W. Pretzel. 2,375,244; May 8.
Sheeting, Treating plastic. G. B. Watkins. 2,375,396; May 8.
Sheets and machine therefor, Simultaneously mounting and tour-cutting printed or lithographed. H. O. Sperry. 2,375,330; May 8.
Sheets, Cast methyl methacrylate. B. M. Marks. 2,373,488; Apr. 10.
Sheets, Coating. F. E. Fairley, L. T. Lindquist, C. D. Michaels, and H. C. Rodgers. 2,388,131; Oct. 30.
Sheets, Forming glass. M. L. Devol. 2,387,886; Oct. 30.
Sheets, Method of and apparatus for shaping thermoplastic. R. E. Leary. 2,377,946; June 12.
Sheets of hard polymer, Preparing shaped. I. E. Muskat. 2,379,247; June 26.
Sheets of polymeric material, Preparing curved. I. E. Muskat. 2,379,248; June 26.
Sheets or plates, et cetera. J. H. Roney, R. S. Locke, and P. R. Hawtin. 2,374,308; Apr. 24.
Sheets, Pressure sensitive adhesive. W. Eustis and G. R. Orrill. 2,385,319; Sept. 18.

Shelf construction. J. E. Bales. 2,374,658; May 1.
Shelf for coin-controlled vending refrigerators. M. L. Smith. 2,376,561; May 22.
Shelf structure. C. Rosenthal. 2,366,677; Jan. 2.
Shell and tracer unit, Shotgun. N. D. Knight. 2,368,029; Jan. 23.
Shell, Antiaircraft. E. B. Wise. 2,368,587; Jan. 30.
Shell body and making same. D. M. Weigel. 2,366,663; Jan. 2.
Shell carrier liner. E. F. Hulbert. 2,375,993; May 15.
Shell, Explosive dump. O. E. Chenoweth and P. F. Lewis. 2,384,534; Sept. 11.
Shell structure. C. B. Ferrel. 2,373,883; Apr. 17.
Shellac modified with primary aliphatic polyamines. H. H. Bassford, Jr., and W. H. Gardner. 2,371,212; Mar. 13.
Shellac-polyglycol reaction products and making same. W. H. Gardner and H. H. Bassford, Jr. 2,387,388; Oct. 23.
Shellac product and making same, Modified. H. H. Bassford, Jr. 2,387,049; Oct. 16.
Shellac salts, Preparing neutral. H. H. Bassford, Jr. 2,386,421; Oct. 9.
Sheller, Corn. C. F. Crumb and E. R. Gerber. 2,380,295; July 10.
Shelling and shredding machine, Corn. J. A. Erickson. 2,382,040; Aug. 14.
Shelves for deep refrigerators, Gliding. H. Kuckel. 2,382,160; Aug. 14.
Shelving for refrigerators and the like, Revolving. W. E. Wilson. 2,380,005; July 10.
Shelving structure, Knock-down. C. Rosenthal. 2,366,676; Jan. 2.
Shelving, Wooden. J. E. Bales. 2,375,726; May 8.
Shield and accessories accommodation bib, Combination protective. G. D. Brown. 2,378,380; June 19.
Shield, Antisplash. C. F. Norlin. 2,368,375; Jan. 30.
Shield, Armored ventilating. V. R. Abrams. 2,376,331; May 22.
Shield assembly for air scoops or the like. W. H. Hunter. 2,389,313; Nov. 20.
Shield, Battery and magneto switch. A. Hallett. 2,377,628; June 5.
Shield, Collet. J. L. Hite. 2,376,594; May 22.
Shield, Corn protector. F. P. Donnelly. 2,389,032; Nov. 13.
Shield, Dress. F. Chernoff. 2,373,947; Apr. 17.
Shield, Eye. J. R. Wylde and R. G. Perry. 2,389,707; Nov. 27.
Shield for cameras, Light. W. L. Wright. 2,373,936; Apr. 17.
Shield for foundation garments, Detachable. E. R. Sutter. 2,377,050; May 29.
Shield for foundation garments, Detachable. E. R. Sutter. 2,379,762; July 3.
Shield for grinders, Curved eye. S. A. Brown. 2,368,109; Jan. 30.
Shield for incandescent lamps, Heat. L. A. McNabb. 2,385,526; Sept. 25.
Shield for mercury vapor lamps. J. E. Roberts. 2,366,216; Jan. 2.
Shield for threshing machines, Feed-back. J. S. Bellig. 2,366,828; Jan. 9.
Shield, Glare. T. N. Bourke and G. Stroh, Jr. 2,370,521; Feb. 27.
Shield, Safety nonglow cigarette or cigar. T. F. Halloran. 2,366,686; Jan. 2.
Shield, Spark plug. J. W. Fitz Gerald. 2,382,984; Aug. 21.
Shield, Toe protecting. A. W. Whiteford. 2,367,814; Jan. 23.
Shield, Torpedo deflecting. E. Hegewald. 2,376,055; May 15.
Shielded spark plug. E. O. Setterblade. 2,368,889; Feb. 6.
Shielding device. G. Wolkenhauer. 2,373,214; Apr. 10.
Shielding, Inductive heating coil. L. W. Gregory and S. S. Schneider. 2,381,278; Aug. 7.
Shielding wire in unlimited lengths, Continuously. N. H. Jack. 2,386,119; Oct. 2.
Shields, Making flexible protective. L. J. Strobino. 2,367,446; Jan. 16.
Shiftable cowl fastener. F. E. Johnson. 2,380,895; July 31.
Shingle. S. S. Staley, Jr. 2,373,718; Apr. 17.
Shingle, Composition. J. T. Barrett. 2,376,024; May 15.
Shingle construction, Strip. R. G. Badeau. 2,390,682; Dec. 11.
Shingle cutter. L. W. Norton. 2,372,512; Mar. 27.
Shingle or tile, Roofing. G. B. Booth. 2,380,398; July 31.
Shingle, Strip. J. A. Murray. 2,378,027; June 12.
Ship. G. R. Harrison. 2,385,985; Oct. 2.
Ship. J. E. Sykes. 2,374,467; Apr. 24.
Ship builder's work assembling and aligning jack. W. G. Bryant. 2,372,547; Mar. 27.
Shipbuilding. C. P. Bedford. 2,368,442; Jan. 30.
Shipbuilding. R. F. Smith. 2,379,259; June 26.
Ship construction. M. F. Gunning. 2,379,295; June 26.
Ship construction. J. Loewenstein. 2,378,566; June 19.
Ship construction, Composite. C. P. Cueni. 2,370,940; Mar. 6.
Ship drive and maneuvering control system. C. H. Fike and H. R. Heinzen. 2,386,391; Oct. 9.
Ship, Fish and fish processing. W. S. Johnston. 2,377,693; June 5.

Ship for watercrafts, Mother. W. W. Reedy. 2,370,916; Mar. 6.
Ship launching means. C. M. Hines. 2,367,580; Jan. 16.
Ship locator and raising device. J. F. Prows. 2,373,502; Apr. 10.
Ship, Mother. L. V. Bell. 2,386,650; Oct. 9.
Ship propulsion system, Stability controlled. W. Schaelchlin and E. H. Hornbarger. 2,381,313; Aug. 7.
Ship protection. L. E. Whiton. 2,379,266; June 26.
Ship, Sectional. P. Thiel, Jr. 2,369,265; Feb. 13.
Ship structure. E. F. Moroney. 2,382,499; Aug. 14.
Ship to pier gangway. C. A. Haynes. 2,372,574; Mar. 27.
Shipper mechanism for excavating shovels. R. A. Beckwith. 2,388,305; Nov. 6.
Shipping and display, high pack container. J. A. McCormick. 2,382,891; Aug. 14.
Shipping box. J. E. and J. M. Borah. 2,377,125; May 29.
Shipping container. B. J. Davidson. 2,367,008; Jan. 9.
Shipping container. G. A. Moore. 2,381,508; Aug. 7.
Shipping container. F. O. Wright. 2,369,099; Feb. 6.
Shipping container and making same, Reinforced. C. G. Jones and W. F. Van de Venter. 2,366,532; Jan. 2.
Shipping cradle and assembly support. B. Kreuter and D. G. Duryea. 2,366,337; Jan. 12.
Shipping structure. P. W. Milburn and W. D. Adamson. 2,368,862; Feb. 6.
Shipping structure. P. W. Milburn and W. D. Adamson. 2,377,023; May 29.
Ships, Construction of. L. Newham. 2,374,229; Apr. 24.
Ships, Prefabricating. C. P. Bedford. 2,368,441; Jan. 30.
Shirt. J. L. Corbi. 2,387,060; Oct. 16.
Shirt. I. L. Freedman. 2,375,779; May 15.
Shirt. A. Powell. 2,385,729; Sept. 25.
Shirt. W. Solomon. 2,369,416; Feb. 13.
Shirt case. N. I. Paulsen. 2,371,841; Mar. 20.
Shirt folder table. R. J. Rieck. 2,369,607; Feb. 13.
Shirt protecting device. R. Guyer and R. J. Hennessey. 2,377,776; June 5.
Shock absorber. E. L. Beecher. 2,369,007; Feb. 6.
Shock absorber. E. L. Beecher. 2,369,008; Feb. 6.
Shock absorber. G. E. Dath. 2,373,813; Apr. 17.
Shock absorber. G. E. Dath. 2,375,897; May 15.
Shock absorber. G. E. Dath. 2,390,205; Dec. 4.
Shock absorber. N. S. Focht. 2,366,248; Jan. 2.
Shock absorber. N. S. Focht. 2,381,532; Aug. 7.
Shock absorber. W. A. Geiger. 2,389,304; Nov. 20.
Shock absorber. D. F. Linsley. 2,378,417; June 19.
Shock absorber. S. D. Mitereff. 2,375,377; May 8.
Shock absorber. E. F. Rossman. 2,379,750; July 3.
Shock absorber. C. Sauzedde. 2,380,191; July 10.
Shock absorber. J. R. Snyder. 2,373,508; Apr. 10.
Shock absorber. P. W. Thornhill. 2,367,977; Jan. 23.
Shock absorber. P. W. Thornhill. 2,372,137; Mar. 20.
Shock absorber and hydraulic brake fluid, Making. G. G. Lamb. 2,366,794; Jan. 9.
Shock absorber bearing. E. Morf. 2,372,972; Apr. 3.
Shock absorber, Combined spring and friction. S. B. Haseltine. 2,386,895; Oct. 16.
Shock absorber for loading devices, Bucket. A. R. Henry. 2,385,987; Oct. 2.
Shock absorber for parachutes. R. Hart. 2,386,395; Oct. 9.
Shock absorber, Friction. G. E. Dath. 2,391,618; Dec. 25.
Shock absorber, Friction. W. A. Geiger. 2,386,107; Oct. 2.
Shock absorber, Friction. S. B. Haseltine. 2,379,078; June 26.
Shock absorber, Friction. S. B. Haseltine. 2,382,563; Aug. 14.
Shock absorber, Friction. S. B. Haseltine and G. E. Dath. 2,384,091; Sept. 4.
Shock absorber, Oleo-pneumatic. C. J. Underwood. 2,388,885; Nov. 13.
Shock absorber sealing means, Hydraulic. H. L. Chisholm, Jr. 2,377,674; June 5.
Shock absorbing device. C. F. Sponsler. 2,387,689; Oct. 23.
Shock absorbing mechanism. E. H. Lehman. 2,366,201; Jan. 2.
Shock absorbing mechanism, Friction. G. E. Dath. 2,370,291; Feb. 27.
Shock absorbing mechanism, Friction. G. E. Dath. 2,390,207; Dec. 4.
Shock absorbing mechanism, Friction. E. H. Lehman. 2,389,262; Nov. 20.
Shock absorbing mechanism, Friction. R. J. Olander. 2,369,793; Feb. 20.
Shock-absorbing means especially suitable for use with typewheels in printing apparatus. R. D. Salmon. 2,382,668; Aug. 14.
Shock absorbing means for aircraft landing gear. R. Laraque. 2,378,712; June 19.
Shock mounting instrument. R. L. Triplett. 2,367,449; Jan. 16.
Shockproof switch. W. H. Schymik. 2,385,304; Sept. 18.
Shock responsive latching device. R. B. Immel and F. Slamar. 2,382,995; Aug. 21.
Shoe. G. Anson. 2,368,960; Feb. 6.
Shoe. D. J. Calderazzo. 2,380,577; July 31.
Shoe. D. J. Calderazzo. 2,391,083; Dec. 18.
Shoe. J. H. Everston. 2,383,052; Aug. 21.
Shoe. J. P. Famolare. 2,386,786; Oct. 16.
Shoe. R. E. Freeman. 2,371,751; Mar. 20.
Shoe. F. N. La Chapelle. 2,388,333; Nov. 6.
Shoe. A. Levin. 2,385,289; Sept. 18.
Shoe. A. Moskowitz and W. S. Milius. 2,391,437; Dec. 25.
Shoe. C. Strasnick. 2,379,384; June 26.
Shoe. E. Tambini. 2,382,272; Aug. 14.
Shoe. S. B. Vaisey. 2,385,743; Sept. 25.
Shoe, Airplane propeller deicer. R. W. Brown. 2,381,381; Aug. 7.
Shoe and making same. J. W. Barna. 2,390,042; Dec. 4.
Shoe and outsole therefor, and making the same. J. Gregg. 2,391,564; Dec. 25.
Shoe and making same. O. Fern. Re. 22,695; Nov. 27.
Shoe and making. C. Laganas. 2,368,308; Jan. 30.
Shoe and making same. A. Moskowitz. 2,377,570; June 5.
Shoe and making same. J. F. Smith. 2,375,390; May 8.
Shoe and making the same, Ornamental. L. Sabo. 2,383,514; Aug. 28.
Shoe and manufacturing the same. A. Moskowitz. 2,371,703; Mar. 20.
Shoe and outsole therefor. R. Caltabiano. 2,369,531; Feb. 13.
Shoe and producing same. A. Sanchioni. 2,386,911; Oct. 16.
Shoe and producing the same. H. Gordon. 2,369,226; Feb. 13.
Shoe and welt therefor. W. C. Wright. 2,390,485; Dec. 4.
Shoe, Arch supporter. W. Grebow. 2,389,148; Nov. 20.
Shoe assembly, Trail. A. P. Buquor. 2,379,621; July 3.
Shoe binding. M. E. Duckoff. 2,377,216; May 29.
Shoe bottom finishing machine. E. I. La Chapelle. 2,371,301; Mar. 13.
Shoe cap of plastic material, Attachable. J. Karp. 2,380,050; July 10.
Shoe construction. O. G. Beestrum. 2,384,431; Sept. 11.
Shoe construction. J. Binder. 2,383,585; Aug. 28.
Shoe construction. W. Braun. 2,380,146; July 10.
Shoe construction. W. Hoy. 2,388,744; Nov. 13.
Shoe construction. C. A. Julianelli. 2,384,927; Sept. 18.
Shoe construction. S. P. Lovell and F. H. Russell. 2,373,404; Apr. 10.
Shoe construction. A. Sterzik. 2,367,537; Jan. 16.
Shoe construction. J. Q. Strong. 2,377,460; June 5.
Shoe construction, Flexible welt. W. C. Wright. 2,371,204; Mar. 13.
Shoe for cutter bars. H. D. Hume. 2,375,849; May 15.
Shoe, Friction. R. B. Cottrell. 2,366,957; Jan. 9.
Shoe-heel construction. E. Pipitone. 2,374,954; May 1.
Shoe heel, Cushioned. W. E. Stout. 2,370,889; Mar. 6.
Shoe holder. J. R. Persinger. 2,383,678; Aug. 28.
Shoe, Horse. R. C. Mitchell. 2,381,177; Aug. 7.
Shoe, Ironing. A. H. Happe. 2,372,270; Mar. 27.
Shoe last. M. G. Stratton. 2,370,502; Feb. 27.
Shoe machine. F. Ashworth. 2,388,244–5; Nov. 6.
Shoe machine. B. Jorgensen. 2,391,461; Dec. 25.
Shoe machine, Automatic. E. J. Ray. 2,368,878; Feb. 6.
Shoe machinery. C. L. Logemann. Re. 22,676; Sept. 25.
Shoemaking. A. Cocozella. 2,370,937; Mar. 6.
Shoemaking. B. F. Lee. 2,381,356; Aug. 7.
Shoemaking. H. G. Lumbard. 2,391,789; Dec. 25.
Shoemaking. R. M. Sichère. 2,385,307; Sept. 18.
Shoe or similar footwear. W. L. Gould. 2,379,000; June 26.
Shoe, Plastic. M. P. Riesing. 2,381,389; Aug. 7.
Shoe sole and heel, Threaded. A. C. Fellman. 2,383,117; Aug. 21.
Shoe sole construction. S. L. Kleven. 2,368,845; Feb. 6.
Shoe sole construction. S. L. Kleven. 2,370,905; Mar. 6.
Shoe stiffener and making the same. E. L. Beckwith and A. P. Swett. 2,390,347; Dec. 4.
Shoe structure. H. Marx. 2,367,232; Jan. 16.
Shoe structure. H. Marx. 2,368,314; Jan. 30.
Shoe toe lifter. B. J. Clausen. 2,378,899; June 26.
Shoe toe, Safety. B. Handelsman. 2,381,280; Aug. 7.
Shoe, Track. H. A. Knox. 2,389,156; Nov. 20.
Shoe, Track. H. A. Knox. 2,389,438; Nov. 20.
Shoe, Track. H. A. Knox. 2,390,542; Dec. 11.
Shoe tree. A. Atlass. 2,381,419; Aug. 7.
Shoe tree. G. Clausing. 2,372,551; Mar. 27.
Shoe tree. G. R. Harrison. 2,371,690; Mar. 20.
Shoe tree. H. F. Loewer. 2,376,926; May 29.
Shoe tree. A. Suszholz. 2,378,337; June 12.
Shoe tree, Full-form. H. F. Loewer and L. W. Brown. 2,375,931; May 15.
Shoes, Decorating. H. H. Hoffman. 2,369,899; Feb. 20.
Shoes, Lasting. J. S. Kamborian. 2,387,028; Oct. 16.
Shoes, Lasting. A. L. Russell. 2,373,264; Apr. 10.
Shoes, Making. W. C. Card, Jr. 2,377,208; May 29.
Shoes, Making. S. Gallo. Re. 22,667; Aug. 21.
Shoes, Making. J. T. Hindes. 2,377,421; June 5.
Shoes, Making platform. W. P. LeRette. 2,381,503; Aug. 7.
Shoes, Manufacture of. V. F. Harrington. 2,378,010; June 12.
Shoes, Method of and machine for assembling and sewing moccasin type. F. Ashworth. 2,366,703; Jan. 9.
Shoes, Method of and means for lasting. M. F. Ashley and T. J. Ryan. 2,379,059; June 26.
Shore. A. H. Symons. 2,368,385; Jan. 30.
Short time interval meter. H. L. Clark. 2,377,757; June 5.

Shorts. J. A. Goldfarb and E. J. Moore. 2,384,165; Sept. 4.
Shoulder pad. A. A. Vanasse. 2,385,315; Sept. 18.
Shoulder pad blanks, Method of and apparatus for fabricating. I. Rothenberg, S. Kagen, and S. J. Gurewitz. 2,389,934; Nov. 27.
Shouldered transfer chain. J. W. Bigelow. 2,366,380; Jan. 2.
Shoulders on conducting members, Forming. J. A. Spencer. 2,366,756; Jan. 9.
Shovel and conveyer, Power. G. O. Fitch. 2,384,242; Sept. 4.
Shovel and loading device, Power. R. Heath. 2,385,512; Sept. 25.
Shovel, crane, and the like, Mobile power. R. H. Zeilman and A. Smythe. 2,380,626; July 31.
Shovel, crane, and the like, Power. R. H. Zeilman and A. Smythe. 2,380,625; July 31.
Shovel loader, Dipper. R. A. Beckwith. 2,366,480; Jan. 2.
Shovel, Power. J. C. Johnson and W. R. Milner. 2,377,786; June 5.
Shower enclosure. L. H. Lehman. 2,374,490; Apr. 24.
Shredding materials, Method and device for. J. L. Hutchings. 2,378,481; June 19.
Shuttlecock machine. W. E. Humphrey. Re. 22,691; Nov. 13.
Shutter, Aerial camera. W. A. Riddell. 2,367,526; Jan. 16.
Shutter, Automatic. C. C. Fuerst. 2,382,623; Aug. 14.
Shutter, Automatic welding visor. W. B. Zimmerman, W. A. Martin, and J. Chisik. 2,384,517; Sept. 11.
Shutter, Camera. T. McG. Aiken. 2,391,377; Dec. 25.
Shutter, Camera. C. C. Fuerst. Re. 22,608; Feb. 27.
Shutter, Camera. C. C. Fuerst. 2,382,624; Aug. 14.
Shutter, Camera. C. C. Fuerst. 2,384,615; Sept. 11.
Shutter, Camera. L. Hammond. 2,383,381; Aug. 21.
Shutter controlling device. S. Vernet. 2,368,182; Jan. 30.
Shutter for motion picture projectors, Safety. H. N. Fairbanks and V. H. Jungjohann. 2,369,448; Feb. 13.
Shutter, High-speed. W. A. Riddell. 2,384,639; Sept. 11.
Shutter, Light. E. C. Guedon. 2,390,216; Dec. 4.
Shutter, Photographic. A. Simmon and L. L. Weisglass. 2,371,072; Mar. 6.
Shutter release. D. C. Harvey. 2,391,157; Dec. 18.
Shuttering for use in building structures of concrete or like material. P. N. Oldreive. 2,374,300; Apr. 24.
Shuttle. J. G. Allen and A. Villani. 2,385,048; Sept. 18.
Shuttle. C. D. Brown. 2,385,756; Sept. 25.
Shuttle. J. K. Dudley. 2,381,042; Aug. 7.
Shuttle. W. J. Gosselin. 2,387,438; Oct. 23.
Shuttle. H. Menking. 2,385,718; Sept. 25.
Shuttle, Automatic threading. E. C. Nichols. 2,379,650; July 3.
Shuttle brush. J. A. Matson. 2,371,701; Mar. 20.
Shuttle car. C. E. Andershock. 2,375,063; May 1.
Shuttle car. W. R. Beck. 2,370,441; Feb. 27.
Shuttle car. E. J. Doberstein. 2,372,475; Mar. 27.
Shuttle car. A. L. Lee. 2,381,672; Aug. 7.
Shuttle feeler tip. E. P. Sheetz and A. J. Chagnon. 2,385,034; Sept. 18.
Shuttle, Loom. C. D. Brown. 2,381,333; Aug. 7.
Shuttle, Loom. J. B. Daudelin and R. J. Messier. 2,377,925; June 12.
Shuttle, Loom. H. E. Goff and W. F. Daboll. 2,377,079; May 29.
Shuttle, Tatting. L. A. Silliman. 2,366,568; Jan. 2.
Sickle, Sweep. B. G. Reinke. 2,378,657; June 19.
Side drive for rear wheels. A. Boynton. 2,372,657; Apr. 3.
Side milling cutter. B. D. Horth. 2,381,540; Aug. 7.
Siding cutter. F. A. Odian. 2,378,428; June 19.
Siding material. W. H. Davis. 2,376,907; May 29.
Sifter closure. R. Nyden. 2,366,644; Jan. 2.
Sifting apparatus. R. V. Ward. 2,384,715; Sept. 11.
Sight. H. M. Brading. 2,378,391; June 19.
Sight for firearms, Front. E. M. Harvey. 2,380,965; Aug. 7.
Sight for firearms, Rear. J. C. Garand. 2,370,654; Mar. 6.
Sight for gliding torpedoes, Computing. M. F. Bates. 2,383,952; Sept. 4.
Sight for guns. C. D. Macgill. 2,377,797; June 5.
Sight glass assembly. G. Steven. 2,374,142; Apr. 17.
Sight, Lead compensated. J. E. Reierson. 2,386,262; Oct. 9.
Sight, Muzzle mounted bore. L. H. Brown. 2,383,466; Aug. 28.
Sighting and control apparatus for military devices. J. C. Slonneger. 2,369,806; Feb. 20.
Sighting device. J. R. Aufiero. 2,377,064; May 29.
Sighting device. J. H. Eagle, H. W. Dirksen, and W. D. Orser. 2,374,475; Apr. 24.
Sighting instrument. B. L. Leeds. 2,378,937; June 26.
Sign: *See*—

Changeable price sign.	Display sign.

Sign. M. C. G. Moller. 2,376,932; May 29.
Sign. G. P. Murphy. 2,383,881; Aug. 28.
Sign and making it, Light reflecting. F. L. Michaels. 2,377,508; June 5.
Sign construction. E. S. Schenkel. 2,372,124; Mar. 20.
Sign device. L. A. Tarbox. 2,383,024; Aug. 21.
Sign display frame. W. R. Morin, Jr., and O. R. Jorden. 2,372,387; Mar. 27.
Signal: *See*—

Audible signal.	Road sign or signal.
Chime signal.	Stoker signal.
Code calling signal.	Theft signal.
Daylight floating smoke signal.	Thief signal.
	Traffic signal.
Indicating signal.	Vehicle direction indicating signal.
Light signal.	
Magnetic signal.	Vehicle signal.

Signal apparatus, Airport landing. A. G. Liebmann. 2,390,109; Dec. 4.
Signal controlled printing apparatus. H. L. Tholstrup. 2,388,351; Nov. 6.
Signal device. W. F. Scheld and R. I. Weidaw. 2,376,278; May 15.
Signal device, Engine room. P. A. Heist. 2,368,300; Jan. 30.
Signal device for aircraft, etc., Distress. E. I. Fenton. 2,380,587; July 31.
Signal for electric bridge measurements. J. E. Nielsen. 2,369,070; Feb. 6.
Signal device for lifesaving equipment, Illuminated. H. A. S. van Daalen. 2,377,194; May 29.
Signal device, Motor traffic control. G. H. McClellan. 2,375,121; May 1.
Signal discharger, Multiple. C. McInnes, Jr. 2,389,162; Nov. 20.
Signal for railroads, Light. O. S. Field. 2,376,534; May 22.
Signal interrupter. D. H. Nelson and W. D. Buckingham. 2,375,811; May 15.
Signal light. O. Stam. 2,367,444; Jan. 16.
Signal modulation means. M. Morrison. 2,380,667; July 31.
Signal or alarm device for projecting machines. C. C. Clark. 2,375,197; May 8.
Signal receiver, Alternating current. A. A. Lundstrom. 2,387,671; Oct. 23.
Signal receiving and reproducing system. R. M. Sprague. 2,378,373; June 12.
Signal recording and reproducing method. G. C. Sziklai. 2,373,273; Apr. 10.
Signal recording-reproducing device, Transient. J. P. Arndt, Jr. 2,378,383; June 19.
Signal reproducing apparatus. H. W. Becker. 2,389,949; Nov. 27.
Signal reproducing apparatus. C. R. Miner. 2,370,564; Feb. 27.
Signal translating apparatus. H. F. Olson. 2,390,847; Dec. 11.
Signal translating device. H. H. Bruderlin. 2,388,116; Oct. 30.
Signal transmission system. A. C. Dickieson. 2,387,652; Oct. 23.
Signal switch. T. E. Story. 2,375,393; May 8.
Signal system. C. Smith. 2,384,352; Sept. 4.
Signal system, Highway crossing. W. C. Alexander. 2,366,690; Jan. 9.
Signal system, Supervisory. A. L. Brown. 2,370,445; Feb. 27.
Signal system, Watchman's. E. A. Schachinger. 2,376,389; May 22.
Signal translating apparatus. C. M. Sinnett. 2,376,456; May 22.
Signal transmission system. D. G. C. Hare. 2,379,800; July 3.
Signal transmission system. E. W. Kenefake and F. M. Rives. 2,367,947; Jan. 23.
Signal transmission system. R. M. Sprague. 2,372,344; Mar. 27.
Signaling. C. W. Hansell. 2,388,052; Oct. 30.
Signaling apparatus. J. T. Neiswinter. 2,367,042; Jan. 9.
Signaling apparatus, Railway. H. A. Talbert and C. E. Staples. 2,390,010; Nov. 27.
Signaling apparatus, Variable intensity light. R. E. and D. E. Stark. 2,389,649; Nov. 27.
Signaling carrier system with relaying protection, Multiple. H. W. Haberl. 2,387,146; Oct. 16.
Signaling device. G. E. Atkins. 2,385,339; Sept. 25.
Signaling device. A. D. Baker. 2,391,669; Dec. 25.
Signaling device. J. P. Knipp. 2,371,526; Mar. 13.
Signaling device, Blinker. B. A. Diller. 2,376,586; May 22.
Signaling device, Blinker. S. Gold. 2,377,414; June 5.
Signaling device, Blinker. J. V. Horr. 2,377,345–6; June 5.
Signaling device, Electric. A. Edelman. 2,386,942; Oct. 16.
Signaling, Low frequency. H. B. Deal. 2,388,531; Nov. 6.
Signaling, Method of and apparatus for. K. Kohn. 2,389,786; Nov. 27.
Signaling or advertising device. A. Zuckermann. 2,384,869; Sept. 18.
Signaling plant for vehicle traffic, Electric. B. Jobin. 2,386,866; Oct. 16.
Signaling Railway. G. R. Pflasterer. 2,366,802–3; Jan. 9.
Signaling system. J. H. Cook. 2,390,992; Dec. 18.
Signaling system. A. P. Cotton. 2,371,506; Mar. 13.
Signaling system. "R." L. Hollingsworth. 2,382,567; Aug. 14.
Signaling system. L. H. Johnson. 2,373,188; Apr. 10.

Signaling system. C. E. Lomax. 2,384,938; Sept. 18.
Signaling system. A. S. Martins. 2,371,972; Mar. 20.
Signaling system. R. F. Massonneau. 2,373,134; Apr. 10.
Signaling system. R. F. Massonneau. 2,379,093; June 26.
Signaling system. O. J. Murphy and N. D. Newby. 2,367,885; Jan. 23.
Signaling system. N. D. Newby. 2,367,518; Jan. 16.
Signaling system. N. D. Newby and H. E. Vaughan. 2,374,884; May 1.
Signaling system. K. W. Pfleger. 2,367,522; Jan. 16.
Signaling system. K. W. Pfleger. 2,384,336; Sept. 4.
Signaling system. H. M. Pruden. 2,367,792; Jan. 23.
Signaling system. C. S. Rhoads. 2,367,054; Jan. 9.
Signaling system. C. S. Rhoads. 2,376,275; May 15.
Signaling system. H. H. Schneckloth. 2,372,022; Mar. 20.
Signaling system. E. M. Staples, E. R. Taylor, and H. J. Michael. 2,388,347; Nov. 6.
Signaling system. H. E. Vaughan. 2,375,053; May 1.
Signaling system. J. G. Walsh. 2,368,056; Jan. 23.
Signaling system, Coded railway. A. L. Jerome. 2,389,982; Nov. 27.
Signaling system, Coded track circuit. F. X. Rees. 2,378,325; June 12.
Signalling system, Electrical carrier wave. F. Fairley. 2,370,853; Mar. 6.
Signaling system, Facsimile. F. P. Mason. 2,368,369; Jan. 30.
Signaling system, Facsimile. C. J. Young. 2,386,997; Oct. 16.
Signaling system, Power line. H. B. Deal. 2,388,530; Nov. 6.
Signaling system, Remote. L. D. White. 2,380,282; July 10.
Signaling system, Secret. M. Morrison. 2,374,495; Apr. 24.
Signaling system, Selective. L. M. Potts. 2,375,383; May 8.
Signaling system, Selective. J. F. Torpie. 2,375,048; May 1.
Signals on a loop antenna, Reception of. C. G. Sontheimer and R. S. Doak. 2,375,593; May 8.
Signals to start stop signals, Conversion of synchronous type. R. E. Mathes. 2,389,675; Nov. 27.
Signals to synchronous type signals and vice versa, Conversion of start stop. R. E. Mathes. 2,373,970; Apr. 17.
Silencer and solid particle separator. R. L. Leadbetter. 2,389,988; Nov. 27.
Silencer, Valve stem. A. Pastore. 2,380,673; July 31.
Silent type chain. D. B. Perry. 2,379,825; July 3.
Silica chromium oxide catalytic materials. R. F. Ruthruff. 2,382,581; Aug. 14.
Silica from nonmetallic ores by froth flotation, Removal of. L. J. Christmann. 2,368,968; Feb. 6.
Silica, Making finely divided. P. S. Moyer. 2,386,337; Oct. 9.
Silicane and preparing the same, Tetra-allyl. E. L. Kropa. 2,388,161; Oct. 30.
Silicate coated article and making same. H. M. Marc and H. Greider. 2,372,285; Mar. 27.
Silicate manufacturing lead. R. L. Hallows and F. B. Barrett. 2,366,255; Jan. 2.
Silicates into basic products, Converting hydrous magnesian. H. R. Brandenburg. 2,384,008; Sept. 4.
Silicates, Multiple base exchange. C. C. Winding. 2,368,510; Jan. 30.
Silicic acid sols. J. S. Kirk. 2,383,653; Aug. 28.
Silicon compounds and making them, Organo. R. F. Fleming, Jr. 2,386,452; Oct. 9.
Silicon steel sheet stock having insulative surfaces, Production of. V. W. Carpenter, S. A. Bell, and J. E. Heck. 2,385,332; Sept. 25.
Silk, Method and composition for delustering artificial. J. Werner. 2,390,975; Dec. 11.
Silo and making same. C. F. Moose. 2,377,956; June 12.
Silo door. M. Goldbeck. 2,367,720; Jan. 23.
Silver-thallium bearing. F. R. Hensel. 2,375,224; May 8.
Simplified auxiliary wheel and tire carrier. K. C. Clark. 2,378,911; June 26.
Simplified brake valve. R. E. Middleton. 2,380,663; July 31.
Sine plate angle wheel dresser. A. E. Wisne. 2,378,743; June 19.
Single stringer separable fastener. L. H. Morin. 2,378,719; June 19.
Single throw hill and valley switch. R. Hetherington. 2,386,162; Oct. 2.
Sink construction. V. R. O'Brien. 2,391,034; Dec. 18.
Sinker. C. L. Page. 2,378,946; June 26.
Sinker head for knitting machines. A. L. Brumbach. 2,384,451; Sept. 11.
Sinkhead, Low volume. W. M. Charman and B. F. Anthony. 2,390,500; Dec. 11.
Sinter treating means. E. W. Shallock. 2,367,063; Jan. 9.
Sintering apparatus. L. Gelbman. 2,386,393; Oct. 9.
Sintering machine. M. L. Cover. 2,379,418; July 3.
Sintering machine. E. W. Shallock. 2,391,199; Dec. 18.
Siren. F. C. Millard. 2,367,233; Jan. 16.
6-Amino nicotinamide derivatives. W. Braker and E. Pribyl. 2,381,873; Aug. 14.
Six wheel motor vehicle. H. C. Harbers. 2,378,704; June 19.
Sizing and finishing compositions. F. G. La Piana and H. S. Bosland. 2,385,714; Sept. 25.
Sizing compositions and making them, Textile. J. B. Rust. 2,386,144; Oct. 2.
Sizing machine. W. O. Benning. 2,373,941; Apr. 17.
Sizing, Pneumatic. E. C. Truesdale. 2,389,701; Nov. 27.
Skate, Combination ice and roller. R. E. Paystrup. 2,377,366; June 5.
Skate, Roller. E. G. Blaes. 2,373,220; Apr. 10.
Skate-scooter. B. W. Moller. 2,366,866; Jan. 9.
Skelp welding unit with rolls. J. L. Anderson. 2,371,209; Mar. 13.
Sketching outfit. C. F. Glinecki. 2,372,077; Mar. 20.
Skewing arrangement for gantry frames. R. W. Crist. 2,366,598; Jan. 2.
Ski. A. D. Andreef. 2,369,004; Feb. 6.
Ski. O. A. Erickson. 2,387,061; Oct. 16.
Ski. C. P. Ruhme. 2,382,335; Aug. 14.
Ski and making same. H. E. Johnson. 2,375,994; May 15.
Ski binding, Safety. A. McIlvaine. 2,373,128; Apr. 10.
Ski-climber. A. H. Pape. 2,375,943; May 15.
Ski-fitting. J. Eigenheer. 2,382,783; Aug. 14.
Ski, Folding. B. W. Svensson. 2,375,504; May 8.
Ski, Hinged. H. Sarthou. 2,390,181; Dec. 4.
Ski, Metal. B. Lermont. 2,377,504; June 5.
Ski pole construction. R. C. Taft. 2,387,194; Oct. 16.
Ski press. W. F. Poor. 2,384,850; Sept. 18.
Ski, Water. J. M. Hartman. 2,382,150; Aug. 14.
Ski, Water. C. L. Schatz. 2,389,001; Nov. 13.
Skimming and crowding device for flotation machines, Froth. N. Morash. 2,369,401; Feb. 13.
Skin assembling method and product. M. Schneider. 2,385,884; Oct. 2.
Skin clamp. D. H. Finkle. 2,383,928; Aug. 28.
Skin clamp-applying tool. E. L. Lipp. 2,373,193; Apr. 10.
Skin-covered structure, Metallic. M. Watter. 2,382,357; Aug. 14.
Skin fastener. P. F. Rossman. 2,369,410; Feb. 13.
Skin fastener. D. A. Seaver and P. E. Fenton. 2,382,508; Aug. 14.
Skin fastener. F. C. Wallace. 2,370,337; Feb. 27.
Skin friction of water by vibration, Reduction of the. A. Vang. 2,366,162; Jan. 2.
Skinner, Rotary fish. J. D. Hendrickson. 2,380,755; July 31.
Skins and hides, Bating. J. Pfannmuller, A. L. Schade, and H. Schleich. 2,373,410; Apr. 10.
Skins, Processing. E. F. Christopher. 2,371,875; Mar. 20.
Skins to metallic structures, Applying metallic. M. Watter. 2,382,356; Aug. 14.
Skip hoist control. G. Fox. 2,379,958; July 10.
Skirt and culotte, Convertible. L. Wolman and H. Deutsch. 2,368,189; Jan. 30.
Skirt construction. J. H. Rudolph. 2,388,341; Nov. 6.
Skis, Making. I. Marks. 2,371,305; Mar. 13.
Skiving machine. L. H. Bennion and W. A. Smart. 2,373,159; Apr. 10.
Slab, Floor. J. Roe. 2,379,595; July 3.
Slab, Mixing. S. C. Hoel. 2,369,898; Feb. 20.
Slack adjuster. C. C. Farmer. 2,381,212; Aug. 7.
Slack adjuster. C. S. Kelley. 2,376,489; May 22.
Slack adjusting device. E. A. Jenkins. 2,383,196; Aug. 21.
Slacks. M. E. Novak. 2,389,273; Nov. 20.
Slag removal. M. and M. Tama. 2,375,049; May 1.
Slag removing device for furnaces. W. G. Noack. 2,375,436; May 8.
Slashing platforms and insoles. L. G. Freeman, Jr. 2,380,227; July 10.
Sled. V. H. Czegka. 2,369,283; Feb. 13.
Sled. A. Habostad. 2,367,271; Jan. 16.
Sled, Coasting. M. A. Holbrook. 2,390,256; Dec. 4.
Sled, Power snow. E. M., E. M., Jr., and J. M. Tucker. 2,378,111; June 12.
Sleep cap. B. L. Corley. 2,367,459; Jan. 16.
Sleeping bag. J. L. Clark. 2,379,416; July 3.
Sleeping bag. S. R. Hinds. 2,368,220; Jan. 30.
Sleeping bag. B. Robinson. 2,378,434; June 19.
Sleeve construction. M. C. Schrank. 2,368,573; Jan. 30.
Sleeve ironer. R. A. Robbel. 2,375,947; May 15.
Sleeve packer, Open hole. M. O. Johnston, T. A. Andrew, A. M. Graham, and W. G. L. Smith. 2,390,372; Dec. 4.
Sleeve puller. E. H. Appel. 2,377,304; June 5.
Sleeve to a wire, Connecting a. B. Dibner. 2,375,741; May 8.
Sleeves, Facing. S. Touloumis. 2,384,216; Sept. 4.
Slicer, Apple. De S. E. Richardson. 2,383,814; Aug. 28.
Slicer, Fruit and vegetable. De S. E. Richardson. 2,378,502; June 19.
Slicing machine. T. A. Anderson. 2,370,705; Mar. 6.
Slicing machine. H. J. Criner. 2,388,725; Nov. 13.
Slicing machine. A. A. Kottman. 2,375,231; May 8.
Slicing machine. H. Thomas. 2,378,664; June 19.
Slide clip fastener. A. Boenecke. 2,370,613; Mar. 6.
Slide equipment, Projector. C. W. Zwirn. 2,371,666; Mar. 20.
Slide fastener. V. Cizek. 2,371,591; Mar. 13.
Slide fastener. S. H. Norton. 2,371,309; Mar. 13.
Slide fastener elements, Producing. M. Winterhalter. 2,366,948; Jan. 9.

Slide holder. L. Griswold. 2,373,392; Apr. 10.
Slide-lock device. E. C. Deal. 2,380,030; July 10.
Slide loop. G. H. Elwell. 2,388,316–17; Nov. 6.
Slide member for measuring and marking devices. C. J. Crane. 2,388,252; Nov. 6.
Slide operated fastener. G. Scher. 2,382,261; Aug. 14.
Slide projector apparatus. B. Stechbart and E. E. Strauss. 2,375,706; May 8.
Slide rule. J. E. Dietzgen. 2,369,819; Feb. 20.
Slide structure for drawers, shelves, and the like. G. V. Jakeway. 2,370,861; Mar. 6.
Sliders for slide fasteners, Making. M. Voity and G. A. Griffiths. 2,383,999; Sept. 4.
Sliders for slide fasteners, Making. M. Voity and G. A. Griffiths. 2,384,144; Sept. 4.
Sliders for slide fasteners, Manufacture of. R. Low. 2,372,837; Apr. 3.
Sliders for slide fasteners, Method, blank, and means for making. M. Voity and G. A. Griffiths. 2,384,145; Sept. 4.
Sliding door construction. B. J. Triller. 2,378,666; June 19.
Sling fitting. R. W. Siler. 2,384,497; Sept. 11.
Slings to handle materials, Forming. H. D. Allerton. 2,385,338; Sept. 25.
Slip. M. M. Messing. 2,369,594; Feb. 13.
Slip clutch. M. J. Mitchell. 2,375,020; May 1.
Slip clutch. A. E. Young. 2,390,908; Dec. 11.
Slip conformator, Brassière. E. J. Espinosa. 2,370,852; Mar. 6.
Slip cover. T. Waranch. 2,373,071; Apr. 3.
Slip cover for furniture. W. D. Clark. 2,366,833; Jan. 9.
Slip indicator. S. A. Haverstick. 2,387,901; Oct. 30.
Slipper. E. Schwartz. 2,389,554; Nov. 20.
Slipper. I. B. Witlin. 2,383,100; Aug. 21.
Slipper, Snowshoe. E. C. Ruecker. 2,385,944; Oct. 2.
Slitter, Cable. W. A. Wilson. 2,373,868; Apr. 17.
Slitter, Weld rod. N. Hubbard. 2,379,907; July 10.
Slitting and scoring machine. H. L. Cohen. 2,377,130; May 29.
Slitting machine. W. M. Stocker. 2,367,974; Jan. 23.
Slitting machine, Meat. J. P. Spang. 2,380,371; July 10.
Slow break electric switch. R. H. Bentley. 2,366,474; Jan. 2.
Slow feed indicator. F. B. Harvuot. 2,388,843; Nov. 13.
Slow starting high speed wire drawing block. F. G. Mog, G. F. Wald, and S. C. Whiting. 2,368,153; Jan. 30.
Sludge, Removing dispersed Friedel-Crafts. F. L. Johnston and N. B. Wilson. 2,368,596; Jan. 30.
Sludge separator. H. A. Doerner. 2,380,097; July 10.
Slugger, Type slug low. C. W. and T. C. Curle, and R. F. Newton. 2,374,656; May 1.
Slur-preventing mechanism for printing presses. G. N. Krouse. 2,367,290; Jan. 16.
Slushing compositions. T. E. Sharp. 2,373,787; Apr. 1?
Small electric machine tool. R. Schumann. 2,368,888; Feb. 6.
Smelter. F. G. Shaub and A. E. Jennens. 2,388,092; Oct. 30.
Smelter. K. L. Storrs. 2,374,713; May 1.
Smelting copper-lead drosses and the like. A. A. Collins. 2,381,970; Aug. 14.
Smoke box structure. Le R. Thompson. 2,384,407; Sept. 4.
Smoke purifier. F. H. Cullen. 2,366,700; Jan. 9.
Smokestack and flue-pipe adapter. F. F. Lalande. 2,374,489; Apr. 24.
Smokestack for movable power plants. V. G. Frisk. 2,366,511; Jan. 2.
Smoker's pipe. M. R. Wallace. 2,377,983; June 12.
Smoking appliance. M. B. Brand. 2,373,993; Apr. 1?
Smoking device. L. C. Benedict. 2,378,175; June 12.
Smoking device. R. C. Zuckerman. 2,387,381; Oct. 23.
Smoking pipe. N. Mikelson. 2,375,312; May 8.
Smoking pipe. A. Pasut. 2,377,445; June 5.
Smoking pipe. W. R. Richards. 2,366,215; Jan. 2.
Smoking pipe. J. Saulnier. 2,377,379; June 5.
Smoking pipe. W. G. Swift. 2,385,312; Sept. 18.
Smoking pipe. L. T. Young. 2,373,525; Apr. 10.
Smudge pot generator. J. S. Hodges. 2,368,469; Jan. 30.
Smut remover and grain cleaner. H. Schmidt. 2,388,343; Nov. 6.
Snap-acting device. G. W. Bower. 2,388,951; Nov. 13.
Snap-acting switch. C. M. Osterheld. 2,383,414; Aug. 21.
Snap action constant level device. L. V. McCarty. 2,388,793; Nov. 13.
Snap action device. C. L. Martin. 2,387,402; Oct. 23.
Snap-action mechanism. R. H. Jordan. 2,374,435; Apr. 24.
Snap-action switch. T. Obszarny. 2,378,784; June 19.
Snap action switch. W. R. Peterson and A. G. Ford. 2,387,089; Oct. 16.
Snap-down bottom, flat-folded paperboard container. H. F. Waters. 2,385,898; Oct. 2.
Snap fastener. A. Boenecke. 2,368,100; Jan. 30.
Snap fastener. R. R. Clarke. 2,385,774; Oct. 2.
Snap fastener. W. H. Fitzgerald, Jr. 2,379,896; July 10.
Snap fastener. R. L. Hopkins. 2,371,295; Mar. 13.
Snap fastener. F. H. Peterson and R. R. Clarke. 2,385,880; Oct. 2.
Snap-in electric lamp plug. L. Frank. 2,372,266; Mar. 27.
Snap ring lock coupling. E. W. Baxter. 2,369,770; Feb. 20.
Snap spring. E. S. Boynton. 2,368,193; Jan. 30.
Snap switch. J. H. Horman. 2,391,238; Dec. 18.
Snatch block. A. G. Frankhouser. 2,382,049; Aug. 14.
Snatch block. W. H. McKissick and J. E. Fate, Jr. 2,366,636; Jan. 2.
Snatch block. G. S. Moore, Jr. 2,374,118; Apr. 17.
Snood. L. D. Després. 2,368,972; Feb. 6.
Snow hurler. J. Gotzlinger. 2,369,293; Feb. 13.
Snow, Making artificial. D. H. Crosser. 2,371,678; Mar. 20.
Snow plow. H. R., H. R., Jr., and L. E. Holmes. 2,376,250; May 15.
Snowplow. W. J. Lewin. 2,373,318; Apr. 10.
Snow plow. J. Wandscheer. 2,381,017; Aug. 7.
Snow plow apparatus. D. Shean and F. F. Zendek. 2,387,686; Oct. 23.
Snow-removal apparatus. W. M. Venable. 2,387,422–3; Oct. 23.
Snubber. A. W. Bruce. 2,389,840; Nov. 27.
Snubber. R. B. Cottrell. 2,379,626; July 3.
Snubber. L. A. Lehrman. 2,383,265; Aug. 21.
Snubber. D. M. Light. 2,366,918; Jan. 9.
Snubber. D. M. Light. 2,385,009; Sept. 18.
Snubber. D. M. Light. 2,388,229–30; Oct. 30.
Snubbing device. C. L. Sharpe. 2,370,921; Mar. 6.
Snuffer and snuffing. W. M. Irvin. 2,371,445; Mar. 13.
Soap and making same. M. H. Ittner. 2,377,424; June 5.
Soap and producing. P. R. Mosher. 2,376,499; May 22.
Soap and resulting product, Preserving. L. F. Henderson. 2,371,623; Mar. 20.
Soap composition. L. H. Flett. 2,390,295; Dec. 4.
Soap composition. L. Safrin. 2,388,767; Nov. 13.
Soap compositions, Preparing hydroxy heavy metal. A. Minich. 2,368,560; Jan. 30.
Soap dispenser. H. G. Mullett and E. D. Wachter, Jr. 2,376,551; May 22.
Soap dispenser. E. J. Scarry. 2,387,359; Oct. 23.
Soap, Hand. J. D. Compain. 2,373,460; Apr. 10.
Soap holder. H. W. Wild. 2,367,161; Jan. 9.
Soap manufacture. L. Auer. 2,382,531; Aug. 14.
Soap, Manufacture of. A. T. Scott. 2,369,257; Feb. 13.
Soap, Manufacture of. L. Sender. 2,369,372; Feb. 13.
Soap, Manufacturing. W. R. Trent. 2,383,631; Aug. 28.
Soap preparation. J. Ross. 2,381,368; Aug. 7.
Soap, Preparation of powdered. A. G. Houpt. 2,366,334; Jan. 2.
Soap preserver. M. C. White. 2,380,892; July 31.
Soap, Producing a floating. C. W. Kelley. 2,371,175; Mar. 13.
Soap product, Granular. D. R. Byerly. 2,388,632; Nov. 6.
Soap, Production of. W. R. Trent. 2,383,630; Aug. 28.
Soap products, Manufacture of. F. E. Joyce and E. J. Lindhardt. 2,382,063; Aug. 14.
Soap-resin solutions, Metallic. R. E. Madison. 2,374,446; Apr. 24.
Soap solutions, Stable nonviscous metallic. R. E. Madison. 2,374,447; Apr. 24.
Soaps and preparation thereof, Tin. S. B. Elliott 2,373,387; Apr. 10.
Soaps, Making metal. P. Hodges. 2,381,822; Aug. 7.
Soaps, Manufacture of. L. Auer. 2,382,530; Aug. 14.
Soaps, Preparation of basic heavy metal. H. Schiller. 2,389,873; Nov. 27.
Sock and making, Knitted. N. J. Allen. 2,372,468; Mar. 27.
Socket. A. J. Schmitt. 2,376,625; May 22.
Socket adaptations, Radio tube. H. O. Lorenzen. 2,377,893; June 12.
Socket, Adjustable caster. C. R. Nalle. 2,385,154; Sept. 18.
Socket, Connector. D. O. Hagedorn and E. Blanco. 2,385,915; Oct. 2.
Socket, Ejector. S. Mendelsohn. 2,384,327; Sept. 4.
Socket support for fluorescent light fixtures. I. I. Kloner. 2,376,363; May 22.
Socket wrench. R. J. Johnson. 2,381,597; Aug. 7.
Socket wrenches, Making. W. W. Hartman. 2,367,942; Jan. 23.
Sodium and potassium phosphates, Producing. H. S. Colton, R. L. Knowles, and R. W. Frischmuth. 2,387,746; Oct. 30.
Sodium bicarbonate, Manufacture of. W. McGeorge and F. H. Milner. 2,369,475; Feb. 13.
Sodium bicarbonate, Production of. S. G. Osborne. 2,383,674; Aug. 28.
Sodium chromate, Recovering. M. J. Udy. 2,388,775; Nov. 13.
Sodium heparinate, Preparation of. M. H. Kuizenga. 2,377,016; May 29.
Sodium perborate of low bulk density, Preparing. H. Nees. 2,380,779; July 31.
Sodium phosphate, Production of. G. E. Taylor. 2,390,400; Dec. 4.
Sodium salt of 4,4′-diaminodiphenylsulphone-N-N′-diglucosulphonic acid, Preparation of the. A. Demolis. 2,386,037; Oct. 2
Sodium sulphate and chlorine, Making. R. K. Iler and F. J. McAdam. 2,375,002; May 1.
Sodium sulfate and chlorine, Manufacture of. R. K. Iler. 2,375,000; May 1.

Softener of rubber and of synthetic rubber-like substances. A. R. Davis. 2,386,443; Oct. 9.
Soil correctives. A. C. Mohr. 2,390,264; Dec. 4.
Soil gas samples, Obtaining. W. M. Zaikowsky and H. W. Metcalf. 2,386,832; Oct. 16.
Soil resistivity and certain electrical characteristics associated with a buried pipeline, Measuring. G. N. Scott. 2,378,440; June 19.
Soil sampling apparatus. J. S. Harris. 2,382,992; Aug. 21.
Soil stabilization. A. B. Miller. 2,377,639; June 5.
Soil treatment. J. H. Payne. 2,377,446; June 5.
Soils, Stabilization of. A. B. Miller. 2,370,983; Mar. 6.
Soils, Stabilization of. A. B. Miller. 2,375,019; May 1.
Solar heater. H. A. Kezer. 2,382,722; Aug. 14.
Solar heater. R. H. Taylor. 2,388,940; Nov. 13.
Solder, Gold base brazing. F. R. Hensel. 2,374,995; May 1.
Solder, Package of. M. S. Sparks. 2,372,859; Apr. 3.
Solder, Silver. G. Durst. 2,374,183; Apr. 24.
Soldered or lead tool. H. Abramson. 2,380,138; July 10.
Soldering. A. M. MacFarland. 2,390,890; Dec. 11.
Soldering device. E. B. Burrell. 2,377,322; June 5.
Soldering fluxes. O. Horowitz. 2,379,234; June 26.
Soldering iron. A. B. Atkinson. 2,383,699; Aug. 28.
Soldering iron. S. Bergman. 2,382,390; Aug. 14.
Soldering machine. J. J. Kirby. 2,369,240; Feb. 13.
Soldering mechanism, Can. H. G. Hill. 2,371,170; Mar. 13.
Sole attaching press. K. W. Macdonald. 2,388,426; Nov. 6.
Sole chamfering machine. W. L. MacKenzie. 2,378,940; June 26.
Sole for footwear. D. D. Goldstein. 2,377,144; May 29.
Sole for footwear and footwear embodying the same. H. Ghez and O. Ghez. 2,370,301; Feb. 27.
Sole for footwear, Platform. I. F. Starner. 2,367,808; Jan. 23.
Sole for shoes and shoe embodying said sole, Pressed metal. H. Perrot. 2,371,912; Mar. 20.
Sole for shoes, Outer. B. Jayne. 2,374,487; Apr. 24.
Sole for shoes, Plastic. J. Burger. 2,367,481; Jan. 16.
Sole for shoes, Wooden. R. M. L. Issaly. 2,370,963; Mar. 6.
Sole roughing tool. W. S. Anderson. 2,390,633; Dec. 11.
Sole, Shoe. W. H. Doherty. 2,386,667; Oct. 9.
Sole, Shoe. H. Ghez and O. Ghez. 2,370,303; Feb. 27.
Sole structure for footwear. J. H. Flink. 2,379,139; June 26.
Solenoid construction. R. S. Miller and K. Seidel. 2,383,332; Aug. 21.
Solenoid construction. T. Obszarny. 2,383,411; Aug. 21.
Solenoid firing mechanism for machine guns. J. C. Koonz and L. E. Quinnell. 2,368,307; Jan. 30.
Solenoid, Gun firing. B. E. Shaw. 2,383,088; Aug. 21.
Solenoid initiating mechanism for machine guns or other devices. LaV. E. Quinnell and J. C. Koonz. 2,380,262; July 10.
Solenoid operated valve. W. Ernst and D. Cross. 2,374,593; Apr. 24.
Solenoid operated valve. G. W. Pontius, III, and A. P. Wilson. 2,379,181; June 26.
Solenoid speaker, Combination. B. A. Schwarz. 2,389,212; Nov. 20.
Solenoid trip butterfly valve. D. W. Hopkins. 2,382,720; Aug. 14.
Soles, Method and machine for attaching. L. J. Bazzoni. 2,384,003; Sept. 4.
Soles, Method of and machine for attaching. C. D. Knowlton. 2,386,902; Oct. 16.
Soles of wood or other stiff materials, Construction of shoe. H. Ghez and O. Ghez. 2,370,302; Feb. 27.
Soles to shoes, Attaching. H. E. Marasco. 2,385,523; Sept. 25.
Soles to shoes, Attaching. M. W. Tetlow. 2,373,922; Apr. 17.
Solid bodies from polymerizable sirups, Preparation of bubble-free. D. H. Beaton. 2,373,446; Apr. 10.
Solid material, Treating and removing finely divided. J. C. Munday. 2,380,324; July 10.
Solid objects from metal powder, Method and apparatus for making. W. F. Ross. 2,372,605; Mar. 27.
Solid products, Manufacturing. H. Keller. 2,388,613; Nov. 6.
Solid tire cushion wheel. P. Murphy. 2,387,930; Oct. 30.
Solidified unstable compounds. S. B. Wiczer. 2,388,719; Nov. 13.
Solids, Drying permeable. T. S. Chapman. 2,373,100; Apr. 10.
Solids feeder. P. E. Thomas. 2,389,566; Nov. 20.
Solids in a medium, Separation of. C. B. Schneible. 2,368,263; Jan. 30.
Solids of desired configuration, Producing. V. J. Schaefer. 2,374,310; Apr. 24.
Sols, Preparation of. M. D. Marshall. 2,377,841–2; June 5.
Sols, Preparation of. M. D. Marshall. 2,386,247; Oct. 9.
Sols, Preparation of. J. F. White. 2,375,738; May 8.
Soluble benzyl ether of dextran. G. L. Stahly and W. W. Carlson. 2,380,879; July 31.
Soluble material which becomes insoluble upon separation from solvent. W. O. Kenyon and W. F. Fowler, Jr. 2,388,851; Nov. 13.
Soluble sulphur preparations. F. E. Stirn. 2,390,746; Dec. 11.
Solution-catching device. J. Monteleone. 2,381,133; Aug. 7.
Solution concentration control system. S. G. Noble and W. L. Wolgemuth. 2,377,363; June 5.
Solution containing cellulosic material, Producing. R. S. Shutt. 2,371,359; Mar. 13.
Solutions of copper mercaptides, Stabilized. E. L. Korb and J. R. Sabina. 2,380,976; Aug. 7.
Solutions of metallic salts, Stabilized. S. B. Elliott. 2,390,830; Dec. 11.
Solutions, Permanent wave. G. S. Baker. 2,389,755; Nov. 27.
Solutions, Polyamide. W. W. Watkins. 2,377,985; June 12.
Solutions to obtain solid matter therefrom, Treatment of. F. Jeremiassen. 2,375,922; May 15.
Solutizer recovery process. A. C. Nixon. 2,379,098; June 26.
Solvent composition. C. M. Loane. 2,381,506; Aug. 7.
Solvent emulsion cleaner. C. S. Lowe. 2,374,113; Apr. 17.
Solvent extraction. W. E. Booth and R. Cosway. 2,385,564; Sept. 25.
Solvent extraction, Method and apparatus for. T. M. Rector. 2,390,388; Dec. 4.
Solvent extraction of synthetic latices. A. M. Clifford and C. F. Winans. 2,391,227; Dec. 18.
Solvent extraction process. R. C. Morris and A. V. Snider. 2,368,597; Jan. 30.
Solvent extraction system. P. M. Arnold. 2,379,332; June 26.
Solvent recovery in vapor phase extraction processes. W. P. Gage. 2,370,530; Feb. 27.
Solvent, Rubber reclaiming. R. W. Jaeger. 2,374,101; Apr. 17.
Solvent separation of unsaturated hydrocarbon mixtures. C. A. Coghlan and K. J. Korpi. 2,372,176; Mar. 27.
Solvents, Apparatus for the recovery of. G. E. Desetti, W. A. Dew, B. H. Mackey, and R. G. Woodbridge, Jr. 2,367,487; Jan. 16.
Solvents, Purification of. C. O. Barbre. 2,375,460; May 8.
Solvents, Purification of extracting. C. M. Ambler. 2,380,139; July 10.
Sonant respiration indicator. M. W. Kleit. 2,376,971; May 29.
Sorbitan and making the same. S. Soltzberg. 2,390,395; Dec. 4.
Sorting device. E. W. Ekstrand. 2,385,618; Sept. 25.
Sorting device. E. E. Garlits, Jr. 2,385,700; Sept. 25.
Sorting device. H. O. and O. C. Niederer. 2,374,948; May 1.
Sorting machine. H. H. Snyder. 2,385,038; Sept. 18.
Sorting machine, Card. R. Connor. 2,389,343; Nov. 20.
Sound and picture device, Combination. R. M. Like. 2,378,416; June 19.
Sound band matrices, Method of and device for producing. A. Woitscheck. 2,385,595; Sept. 25.
Sound deadener. P. G. Peik. 2,386,502; Oct. 9.
Sound-emitting device. L. J. Cooney. 2,370,939; Mar. 6.
Sound film printing optical system. J. A. Maurer, Jr. 2,381,979; Aug. 14.
Sound film printing optical system. A. Offner. 2,381,980; Aug. 14.
Sound generator. A. G. B. Metcalf. 2,372,968; Apr. 3.
Sound insulation for fluid conduits. E. M. Krueger. 2,372,587; Mar. 27.
Sound modifier. C. Huenlich. 2,380,845; July 31.
Sound producing device. W. C. Eaves. 2,371,960; Mar. 20.
Sound recording and reproducing apparatus. A. W. De Sart. 2,367,846; Jan. 23.
Sound recording and reproducing machine. H. P. Clausen. 2,366,956; Jan. 9.
Sound recording and reproducing machine. W. E. Johnston. 2,391,784; Dec. 25.
Sound recording and reproducing machine, Remotely controlled. H. P. Clausen. 2,375,525; May 8.
Sound recording apparatus. A. E. Reeves. 2,369,916; Feb. 20.
Sound recording method and apparatus. J. M. Hanert. 2,373,560; Apr. 10.
Sound recording method and system. F. G. Albin. 2,376,567; May 22.
Sound reducing device for beds. E. S. Nostrand. 2,375,941; May 15.
Sound reproducer drive. M. Morrison. 2,369,599; Feb. 13.
Sound reproducer, Electromagnetic. W. De Verter. 2,383,594; Aug. 28.
Sound reproducer test method and system. J. W. Jones, Jr. 2,375,111; May 1.
Sound reproducing and amplifying device. C. F. Dilks. 2,384,371; Sept. 4.
Sound silencer for projectors. J. M. Kuhlik. 2,369,786; Feb. 20.
Sound transcription machine. H. P. Clausen. 2,387,010; Oct. 16.
Sound translating apparatus. A. L. W. Williams. 2,386,996; Oct. 16.
Sound transmitter. S. F. Lybarger. 2,367,726; Jan. 23
Soup, Dehydrated. L. J. Huber. 2,391,829; Dec. 25.

Sour, Laundry. A. V. and F. J. Klancnik. 2,375,664; May 8.
Space discharge device. R. E. McCoy. 2,376,707; May 22.
Spacer. C. Hollerith. 2,386,313; Oct. 9.
Spacer for electrical windings. J. J. Weldon. 2,368,505; Jan. 30.
Spacing device for typewriters, Line. G. Prezioso. 2,388,936; Nov. 13.
Spacing mechanism for typewriters, Variable. J. L. Webb. 2,372,619; Mar. 27.
Spanner ratchet wrench. G. Van Genderen. 2,373,210; Apr. 10.
Spark advance device. E. Olson. 2,384,693; Sept. 11.
Spark arrester. J. A. Cannon. 2,366,314; Jan. 2.
Spark control. A. L. Highberg. 2,390,881; Dec. 11.
Spark gap. F. W. Curtis. 2,381,648; Aug. 7.
Spark intensifier. E. M. Robinson. 2,376,981; May 29.
Spark plate and rail for pig casting machines, Water cooled. H. O. Johnson and M. O'Hare. 2,389,983; Nov. 27.
Spark plug. C. Cipriani. 2,380,579; July 31.
Spark plug. C. Cipriani and C. J. Eaton. 2,389,597; Nov. 27.
Spark plug. J. O. C. di-Tona. 2,388,472; Nov. 6.
Spark plug. L. M. Feild. 2,371,162; Mar. 13.
Spark plug. L. F. Jones. 2,372,429; Mar. 27.
Spark plug. M. F. Peters and J. E. D. McCarty. 2,367,840; Jan. 23.
Spark plug. D. H. Stoltenberg. 2,367,445; Jan. 16.
Spark plug. T. Tognola. 2,372,867; Apr. 3.
Spark plug and electrode therefor. F. R. Hensel. 2,391,455; Dec. 25.
Spark plug and electrode therefor. F. R. Hensel. 2,391,459; Dec. 25.
Spark plug cleaner. C. B. McPherson. 2,376,497; May 22.
Spark plug construction. J. J. Rose. 2,375,822; May 15.
Spark plug unit bushings, Making. T. N. Willcox. 2,390,821; Dec. 11.
Spark plugs, Reconditioning. A. S. Fry and L. L. Withrow. 2,375,218; May 8.
Spark plugs, Resistor for. L. L. Stoffel. 2,389,466; Nov. 20.
Spark, supercharger, and throttle control. C. F. Schorn. 2,389,003; Nov. 13.
Spectacle and eyeglass case. J. E. Brown. 2,367,182; Jan. 16.
Spectacle and telescope, Combined. C. J. Glasser. 2,389,428; Nov. 20.
Spectacle bow. T. H. Calkins. 2,374,649; May 1.
Spectacle case. C. R. Jerry. 2,376,487; May 22.
Spectacle case. A. J. Pratt. 2,385,842; Oct. 2.
Spectacle case. N. M. Sullivan. 2,371,557; Mar. 13.
Spectacle frame. E. Rey. 2,389,742; Nov. 27.
Spectacle hinge. M. Wiseman. 2,376,468; May 22.
Spectacles. D. Rosenheim. 2,379,928; July 10.
Spectacles. A. F. Williams. 2,384,867; Sept. 18.
Spectacles. E. A. Zadig. 2,384,149; Sept. 4.
Spectrograph. J. A. Wilson. 2,388,105; Oct. 30.
Spectrometer, Mass. E. E. Hoskins and R. V. Langmuir. 2,380,439; July 31.
Spectrometry, Mass. C. E. Berry. 2,370,631; Mar. 6.
Spectrometry, Mass. E. E. Hoskins. 2,374,205; Apr. 24.
Spectrometry, Mass. R. V. Langmuir. 2,376,877; May 29.
Spectrometry, Mass. R. V. Langmuir. 2,378,936; June 26.
Spectrometry, Mass. H. W. Washburn. 2,378,962; June 26.
Spectrophotometer. O. W. Pineo. 2,383,075; Aug. 21.
Spectrophotometer attachment for eliminating specular reflection. W. A. Shurcliff. 2,383,346; Aug. 21.
Speculum, Vaginal. E. Guttmann. 2,374,863; May 1.
Speed and power transmission for internal-combustion engines, Control of. M. E. Thompson. 2,367,976; Jan. 23.
Speed-boat and hull. H. L. Brownback. 2,366,590; Jan. 2.
Speed change device. R. W. Hautzenroeder. 2,386,459; Oct. 9.
Speed change gear. W. Lauper. 2,366,912; Jan. 9.
Speed computator. J. R. Nieman. 2,385,100; Sept. 18.
Speed control, Automatic pump. R. R. Curtis. 2,384,894; Sept. 18.
Speed control device, Automotive vehicle. A. F. Miller. 2,391,586; Dec. 25.
Speed control for the transmission of power, Variable. A. E. Johnson. 2,377,013; May 29.
Speed control governor. R. A. Wyatt. 2,379,945; July 10.
Speed control mechanism. A. L. Armentrout. 2,372,702; Apr. 3.
Speed control mechanism for cutoffs. H. C. Behrens. 2,389,341; Nov. 20.
Speed control, Multiple-unit. J. A. Spanogle. 2,381,934; Aug. 14.
Speed control system, Variable. J. J. Stamm. 2,371,555; Mar. 13.
Speed control, Tentering machine. A. W. Kuzinski. 2,387,333; Oct. 23.
Speed control, Work-producing. H. A. J. Thiesen. 2,381,321; Aug. 7.
Speed drive, Series variable. W. R. Harding and S. H. Hanville, Jr. 2,379,149; June 26.
Speed governing mechanism, Centrifugal type. H. M. Otto. 2,388,282; Nov. 6.
Speed governing mechanism for metal spray guns of the wire feed type. A. P. Shepard and H. S. Ingham. 2,381,932; Aug. 14.
Speed governor. C. F. Wallace. 2,385,432; Sept. 25.
Speed governor for motion-picture cameras, Variable. T. I. Ress. 2,389,932; Nov. 27.
Speed indicating apparatus. L. Kecskeméti. 2,371,626; Mar. 20.
Speed indicator and control. L. Faver. 2,374,985; May 1.
Speed means for variable pitch propeller systems, Variable. A. G. Forsyth and G. J. Smith-Pert. 2,372,667; Apr. 3.
Speed recording apparatus, Vehicle. F. Abell. 2,379,404; July 3.
Speed reduction gear. E. W. Henry. 2,382,482; Aug. 14.
Speed reduction gear mechanism. W. M. Case. 2,376,900; May 29.
Speed responsive device. J. W. Livingston. 2,385,213; Sept. 18.
Speed responsive switch. R. Von Reppert. 2,377,830; June 5.
Speed transmission, Automatic variable. A. Kégresse. 2,386,217; Oct. 9.
Speed transmission, Variable. S. M. Marco. 2,387,401; Oct. 23.
Speed-transmission, Variable. S. C. Watson. 2,371,371; Mar. 13.
Speedometer, Electric. H. M. Norman. 2,385,101; Sept. 18.
Spherical plug valve. M. A. Gleeson. 2,373,628; Apr. 10.
Spice, Processing. W. A. Bush and E. A. Lasher. 2,384,532; Sept. 11.
Spider, Impact. J. T. Parsons and A. V. Brogren. 2,383,885; Aug. 28.
Spike puller. G. Y. Knight. 2,378,303; June 12.
Spill for aircraft. A. A. Arnhym. 2,387,708; Oct. 30.
Spindle. R. Hargreaves and J. Youngsma. 2,387,260; Oct. 23.
Spindle center and stop, Turret lathe. S. R. Carlson. 2,376,344; May 22.
Spindle drive, Rotary. W. Coulson. 2,381,488; Aug. 7.
Spindle, High speed grinding. J. C. Stafford. 2,386,639; Oct. 9.
Spindle moistening pad. D. B. Baker, J. C. Holub, and L. E. Nickla. 2,369,708; Feb. 20.
Spindle shaft with intermediate ball bearing. J. C. Wilson. 2,391,375; Dec. 18.
Spindle structure. G. F. Yager. 2,387,105; Oct. 16.
Spinner. F. G. Marshall. 2,375,673; May 8.
Spinner frames, Pickers for. A. B. Shelton. 2,390,469; Dec. 4.
Spinneret, Large rectangular. P. J. Hayes. 2,385,856; Oct. 2.
Spinnerette. F. C. Atwood. 2,370,765; Mar. 6.
Spinning and twisting machine. F. M. Roddy. 2,368,379; Jan. 30.
Spinning apparatus, Dry. J. R. McComb. 2,366,275; Jan. 2.
Spinning artificial filaments. R. C. Houtz. 2,388,325; Nov. 6.
Spinning bucket. H. M. Richardson. 2,372,983; Apr. 3.
Spinning frame. L. M. Cotchett. 2,391,135; Dec. 18.
Spinning frame. I. R. Rowe. 2,373,263; Apr. 10.
Spinning machine control. J. J. Burke. 2,380,147; July 10.
Spinning process. A. J. Mehler, Jr. 2,366,278; Jan. 2.
Spinning process. E. W. Spanagel. 2,385,890; Oct. 2.
Spinning process, Dry. A. F. Smith and H. B. Stevenson. 2,390,132; Dec. 4.
Spinning ring. A. Lodge. 2,367,361; Jan. 16.
Spinning roll cover. H. M. Bacon. 2,386,583; Oct. 9.
Spinning solutions, Fibroin. R. S. Bley. Re. 22,650; June 12.
Spinning tool. L. W. Michael. 2,383,330; Aug. 21.
Spinning toy. W. L. Gandy. 2,375,986; May 15.
Spiral tiller. J. P. Bagan. 2,379,469; July 3.
Splash plate assembly, Wooden. K. C. Ten Brink and A. R. Salley. 2,369,264. Feb. 13.
Splice, Adjustable. N. E. Cole. 2,366,698; Jan. 9.
Splice bar with balanced ratios, Unbalanced. H. L. Lansing. Re. 22,632; Apr. 17.
Splice, Coined wire. M. Lee. 2,375,480; May 8.
Splice with worked inner serrations, Manufacturing a connector tubular. M. Lee and I. F. Matthysse. 2,375,481; May 8.
Splicer, Film. L. Frankel. 2,385,353; Sept. 25.
Splicing, Web. O. C. Roesen. 2,386,344; Oct. 9.
Splicing, Web. O. C. Roesen. 2,386,346; Oct. 9.
Splint. J. E. Trombla. 2,370,892; Mar. 6.
Splint, Fracture. H. S. Williams. 2,384,779; Sept. 11.
Splint support. F. R. Ruther. 2,376,507; May 22.
Splint, Surgical. J. J. Ettinger. 2,391,693; Dec. 25.
Split center window jack. E. Harris. 2,388,142; Oct. 30.
Split core transformer. E. G. McAllister. 2,367,591; Jan. 16.
Split flaps, Hydraulically operated. R. C. Blaylock and P. Bukoff. 2,387,492; Oct. 23.
Splitting operation. R. A. Ruedebush. 2,374,836; May 1.
Spoke connector. E. H. Piron. 2,378,098; June 12.

Sponge rubber, Manufacture of. M. Carter. 2,381,380; Aug. 7.
Sponge rubber, Manufacture of. C. W. Wilson. 2,381,706; Aug. 7.
Sponge rubber products. A. Cooper. 2,383,110; Aug. 21.
Spongy material, Synthetic. V. F. Wigal. 2,386,995; Oct. 16.
Spool. D. H. Cunningham. 2,374,736; May 1.
Spool and camera support therefor, Exposure indicating. J. Mihalyi. 2,367,514; Jan. 16.
Spool cap lock. F. Burdick. 2,375,519; May 8.
Spool, Film. J. F. Morse. 2,390,894; Dec. 11.
Spool, Film. H. D. Philips. 2,391,269; Dec. 18.
Spool for ribbons and other narrow fabrics. K. Freller. 2,380,641; July 31.
Spool for surgical stitching instruments, Suture. J. D. Karle. 2,376,151; May 15.
Spool for surgical sutures. J. D. Karle. 2,376,152; May 15.
Spool holder. J. Maldonado. 2,380,117; July 10.
Spool or bobbin. E. G. Crooks. 2,368,450; Jan. 30.
Spool or bobbin for supporting yarn, thread, cord or the like. H. L. Amrhein and H. J. Feeley. 2,381,870; Aug. 14.
Spool, Textile. R. Atwood. 2,377,919–20; June 12.
Spooling device. T. O. Davidson and R. S. Hoar. 2,387,245; Oct. 23.
Spooling device for cable tool drills. H. W. Thornburg. 2,372,232; Mar. 27.
Spooling machine. J. E. Pierce. 2,371,184; Mar. 13.
Spoon and lid for containers, Combined. R. C. Wilson. 2,375,266; May 8.
Spoon, Fishing. R. W. Docteur. 2,375,290; May 8.
Spoon holder. N. Mangini. 2,371,537; Mar. 13.
Spoon holder. R. D. Swift, Jr. 2,368,898; Feb. 6.
Spoon, Trolling. W. Schmitz. 2,379,660; July 3.
Spot-facer, Inverted. W. W. Morris. 2,376,446; May 22.
Spotlamp. G. E. Gravenstine. 2,377,493; June 5.
Spotlamp. G. E. Gravenstine. 2,380,040; July 10.
Spot-signal light. H. R. Gross. 2,374,282; Apr. 24.
Spot-welding. W. A. Weightman. 2,378,741; June 19.
Spot-welding machine. A. Pedley. 2,389,324; Nov. 20.
Spotter mechanism and utilizing same, Program. F. N. Stanton. 2,373,511; Apr. 10.
Spotting unit, Steam. A. J. Weber and E. L. Chrisman. 2,391,663; Dec. 25.
Spout. W. Stein and R. J. Wolf. 2,367,809; Jan. 23.
Spout, Container. G. W. Reese. 2,375,248; May 8.
Spout, Filling. A. O. Payne. 2,367,138; Jan. 9.
Spout, Filling. E. W. Vredenburg. 2,366,163; Jan. 2.
Spout for paper bags and the like, Pouring. C. Wren. 2,390,822; Dec. 11.
Spout, Pouring. B. Robinson. 2,380,871; July 31.
Spray booth. G. A. Harker, E. G. Gustafsson, G. Allen, and R. Nelson. 2,385,077; Sept. 18.
Spray cleaner. A. E. Miller. 2,385,150; Sept. 18.
Spray coating composition. C. H. Clinton. 2,380,219; July 10.
Spray coating machine. J. S. Petersen, J. W. Miller, H. L. Wendshuh and B. H. Moser. 2,376,980; May 29.
Spray coating machine. R. E. Sykes and B. H. Moser. 2,383,023; Aug. 21.
Spray control valve. E. E. Martin. 2,391,582; Dec. 25.
Spray equipment, Dry. C. W. Britcher. 2,375,766; May 15.
Spray gun apparatus. J. A. MacDonald. 2,370,408; Feb. 27.
Spray gun of the wire feed type, Metal. A. P. Shepard and H. S. Ingham. 2,382,111; Aug. 14.
Spray machine, Automatic. G. A. Barlow. 2,369,424; Feb. 13.
Spray method of making mirrors. C. Trevail and K. P. Gladney. 2,367,903; Jan. 23.
Sprayer. D. O. Raper. 2,374,955; May 1.
Sprayer for medicinal preparations, Atomizing. H. J. Miller. 2,389,864; Nov. 27.
Sprayhead, Nonsiphon shampoo. J. N. Mayhew. 2,389,676; Nov. 27.
Sprayer, Liquid. L. C. McKay. 2,372,678; Apr. 3.
Spraying apparatus. T. H. Daly. 2,369,950; Feb. 20.
Spraying apparatus. R. E. Madison. 2,367,594; Jan. 16.
Spraying, blending, and impregnating method. H. H. Schmidt. 2,374,462; Apr. 24.
Spraying device. P. M. Brown. 2,383,235; Aug. 21.
Spreader for water heaters. R. Hackney. 2,390,248; Dec. 4.
Spreader, Material. V. F. Baumgardner. 2,378,825; June 19.
Spring: *See*—
Bed spring.
Cantilever spring.
Friction spring.
Metal bed spring.
Orthodontic bracket spring.
Overload spring.
Snap spring.
Vehicle spring.
Spring. J. M. Bennett. 2,376,026; May 15.
Spring. A. H. Chambers. 2,372,549; Mar. 27.
Spring. D. K. Crampton and H. L. Burghoff. 2,375,285; May 8.
Spring and spring constructions for cushioned seats. W. H. Neely. 2,384,191; Sept. 4.
Spring arrangement for time fuses. G. Honger. 2,384,252; Sept. 4.
Spring assemblies, Making. E. E. Woller. 2,388,106; Oct. 30.
Spring assembly. G. E. Taylor. 2,388,882; Nov. 13.
Spring assembly for trucks or the like, Load bearing. R. A. Bradley. 2,387,874; Oct. 30.
Spring bar. D. Megar. 2,382,249; Aug. 14.
Spring bending machine. F. J. Horton. 2,389,055; Nov. 13.
Spring construction. L. C. Freeman. 2,366,607; Jan. 2.
Spring construction. A. H. Haberstump, M. K. Jessup, and N. Wolofski. 2,386,456; Oct. 9.
Spring construction. A. H. Ludwig. 2,375,667; May 8.
Spring construction for mattresses and the like. C. A. Pink. 2,383,157; Aug. 21.
Spring construction, Furniture. W. A. Kalpakoff. 2,379,086; June 26.
Spring coupling. S. V. Haas, Jr. 2,374,815; May 1.
Spring dog assembly and the like. L. C. Badgley. 2,368,737; Feb. 6.
Spring for vehicles. C. J. Holland. 2,387,265; Oct. 23.
Spring forming machine. H. W. Wilkins. 2,390,283; Dec. 4.
Spring gauging device. W. F. Aller. 2,384,520; Sept. 11.
Spring group. R. B. Cottrell. 2,366,181; Jan. 2.
Spring group. D. M. Light. 2,390,110; Dec. 4.
Spring group. D. M. Light and F. E. Bachman. 2,370,107; Feb. 20.
Spring, Making plastic. T. Friedman. 2,375,357; May 8.
Spring means. A. B. Berthelmann. 2,391,120; Dec. 18.
Spring motor driven generator. R. A. Kennedy. 2,389,514; Nov. 20.
Spring nut member. W. A. Bedford, Jr. 2,382,936; Aug. 14.
Spring structure. J. H. Burr and D. J. Driscoll. 2,369,116; Feb. 13.
Spring structure. N. C. Goldberg. 2,382,990; Aug. 21.
Spring structure for seat and back constructions, Wire. W. H. Neely and S. G. Blumensaadt. 2,373,775; Apr. 17.
Spring support. A. J. Loepsinger. 2,373,125; Apr. 10.
Spring suspension for railroad car bodies. A. F. Hickman. 2,377,883; June 12.
Spring suspension for railroad cars. A. F. Hickman. 2,371,169; Mar. 13.
Spring suspension for railroad cars. A. F. Hickman. 2,386,795; Oct. 16.
Spring suspension for vehicles. R. K. Lee. 2,379,012; June 26.
Spring suspension system for railway car trucks. H. W. Reck. 2,377,809; June 5.
Spring testing machine. G. G. Wilcox. 2,381,241; Aug. 7.
Spring unit for upholstered furniture, mattresses, and cushions. D. T. Owen. 2,375,817; May 15.
Spring unit for use in furniture, autos, etc. E. Deutsch. 2,375,289; May 8.
Spring unit, Inner. W. E. Wunderlich. 2,374,850; May 1.
Spring wheel. F. D. Goodlake. 2,380,749; July 31.
Spring wheel. H. L. Harris. 2,376,592; May 22.
Spring wheel. J. Starneno. 2,375,705; May 8.
Spring winding mechanism. F. S. Stickney. 2,373,427; Apr. 10.
Spring winding tool. L. N. Walters. 2,367,320; Jan. 16.
Spring-wound cord-controlled take-up reel. A. Meletti. 2,391,840; Dec. 25.
Springs, Making. C. A. Hallstrom and R. E. Tibbetts. 2,388,537; Nov. 6.
Springs, Manufacturing volute. C. J. Holland. 2,390,937; Dec. 11.
Springs, Method of making contact wiper. C. L. Van Inwagen, Jr. 2,373,861; Apr. 17.
Springs, Snubbing. S. B. Haseltine. 2,375,919; May 15.
Sprinkler, Constant pressure. O. H. Englehart. 2,380,101; July 10.
Sprinkler head. E. Tyden. 2,375,832; May 15.
Sprinkler head. E. Tyden. 2,389,331–4; Nov. 20.
Sprinkler head for fire extinguishers, Automatic. T. A. Henshaw. 2,370,243; Feb. 27.
Sprinkler, Lawn. P. Grelson. 2,371,740; Aug. 7.
Sprinkler, Lawn. H. Quigley. 2,376,007; May 15.
Sprinkler releasing means. I. W. Knight. 2,374,686; May 1.
Sprinkling system, Automatic. F. Hauser. 2,372,324; Mar. 27.
Sprocket gear shaping device. H. L. Denton. 2,372,815; Apr. 3.
Sprocket milling machine. O. Cullman, L. H. Hornbrook, and N. B. Wienke. 2,367,100; Jan. 9.
Sprocket wheel. J. A. Bombardier. 2,374,644; May 1.
Sprocket wheel. F. P. Noffsinger. 2,382,740; Aug. 14.
Spur, Nonskid walking. A. Hall. 2,370,240; Feb. 27.
Spur, Pole climbing. H. R. Webber. 2,391,810; Dec. 25.
Square plug flanger. E. V. Crane and F. G. Auer. 2,389,139; Nov. 20.
Squeezer and the like, Rivet. P. F. Rossmann. 2,383,082; Aug. 21.
Squeezer, Bulk material. L. Miller. 2,371,403; Mar. 13.
Squeezer, Rivet. R. M. Randall and B. C. Mandeville. 2,368,378; Jan. 30.
Stabilization. H. R. Peterson and F. H. MacLaren. 2,374,127; Apr. 17.
Stabilization. J. S. Wallace and T. E. Sharp. 2,384,146; Sept. 4.
Stabilization of halogenated compounds. L. Egerton. 2,391,685; Dec. 25.
Stabilization of halogenated compounds. L. Egerton. 2,391,689; Dec. 25.

Stabilization of organic substances. L. Gubelmann. 2,381,952; Aug. 14.
Stabilization of organo-metallic agents. H. W. Rudel. 2,378,793; June 19.
Stabilized conversion catalyst. E. C. Pitzer. 2,369,074; Feb. 6.
Stabilized cyclized rubber. H. J. Osterhof. 2,381,180; Aug. 7.
Stabilized organic substances and stabilizing same. M. H. Daskais and E. K. Fields. 2,388,255; Nov. 6.
Stabilizer. E. Bagnall. 2,366,472; Jan. 2.
Stabilizer. E. Bagnall. 2,389,017; Nov. 13.
Stabilizer. T. M. Deal and W. Baker. 2,381,425; Aug. 7.
Stabilizer for aircraft, Landing. J. Speigel. 2,385,850; Oct. 2.
Stabilizer for regulators. W. F. Pray. 2,377,300; May 29.
Stabilizer, Furfural. R. L. Comstock and H. F. Reeves, Jr. 2,382,207; Aug. 14.
Stabilizer, Steering. V. Kinser. 2,382,424; Aug. 14.
Stabilizer for automatic volume control circuit. J. O. Parr, Jr. 2,384,393; Sept. 4.
Stabilizers. C. M. Carson. 2,371,737; Mar. 20.
Stabilizers for oils. W. A. Proell. 2,369,490; Feb. 13.
Stabilizing and positioning apparatus. C. R. Hanna. 2,381,160; Aug. 7.
Stabilizing arrangement for control pendulums. E. Aulin. 2,366,995; Jan. 9.
Stabilizing means for double-wall construction. B. G. Spencer. 2,377,528; June 5.
Stabilizing soil. A. B. Miller. 2,369,682; Feb. 20.
Stable furfuraldehyde-furfuralcohol compositions. E. A. Reineck. 2,367,312; Jan. 16.
Stable products from tall oil, Obtaining. R. G. Dressler, R. E. Vivian, and T. Hasselstrom. 2,371,230; Mar. 13.
Stack hung flush tank. V. A. Hoffmann. 2,386,608; Oct. 9.
Stacker and loader, Hay. F. S. Dunn. 2,367,932; Jan. 23.
Stacker, Box. A. Neja. 2,376,176; May 15.
Stacker for slicing machines. J. J. Waage. 2,381,016; Aug. 7.
Stacker-loader. J. J. Spaeth. 2,367,150; Jan. 9.
Stacker, Package. H. M. Cross. 2,387,315; Oct. 23.
Stage structure, Foldable. A. V. Ditty and A. J. Bradford. 2,369,340; Feb. 13.
Stainless steel, Anodically polishing. C. L. Faust. 2,366,712; Jan. 9.
Stainless steel, Electrolytically polishing. C. R. Horwedel and W. J. Resch. 2,381,167; Aug. 7.
Stair structure. W. Y. Cocken, Jr. 2,377,994; June 12.
Stake, Ground. B. Brand. 2,366,997; Jan. 9.
Staking machine, Armature coil lead. E. R. Fausset and F. L. Zion. 2,385,619; Sept. 25.
Staking tool. R. C. Morgan. 2,372,973; Apr. 3.
Stalk feeding attachment. L. F. Maus. 2,370,560; Feb. 27.
Stall delaying and indicating mechanism. E. T. Allen and R. J. Minshall. 2,373,089; Apr. 10.
Stall indicator. E. T. Allen. 2,373,088; Apr. 10.
Stall, Shower. L. A. Falco. 2,389,724; Nov. 27.
Stamp decorating of articles of manufacture. J. H. Keller. 2,383,865; Aug. 28.
Stamp roller. H. S. K. Lui. 2,386,965; Oct. 16.
Stamping and embossing machine, Hot die. S. H. Polley. 2,370,416; Feb. 27.
Stamping and forming. C. E. Burgess. 2,366,487; Jan. 2.
Stamping die. R. A. L. Seligman. 2,390,183; Dec. 4.
Stamping machine. G. C. Paxton and E. A. Verrinder. 2,385,462; Sept. 25.
Stamping machines or the like for holding and feeding strips, Attachment to. W. Feller. 2,369,551; Feb. 13.
Stand: *See*—
- All-metal folding camera stand.
- Combination display and drain stand.
- Dental equipment stand.
- Folding stand.
- Merchandise display stand.
- Outboard motor stand.
- Portable, vertically adjustable and collapsible stand.
- Projection screen stand.
- Projection stand.
- Safety stand.
- Umbrella stand.
- Unitary foldable music stand.

Stand. D. M. Pennington. 2,375,685; May 8.
Stand hook. J. M. Blackmon and J. F. Le Gere. 2,382,852; Aug. 14.
Stand to support collecting covers or the like. A. E. G. Hedenström. 2,376,483; May 22.
Standing valve puller. R. R. Renouf. 2,382,173; Aug. 14
Standard for electrical measurements. H. T. Wilhelm. 2,373,156; Apr. 10.
Staple. J. C. Lang. 2,383,135; Aug. 21.
Staple. R. A. Percoco. 2,380,786; July 31.
Staple. D. R. La Place. 2,390,219; Dec. 4.
Staple and its manufacture. J. C. Lang. 2,384,477; Sept. 11.
Staple and making same. J. C. Lang. 2,384,475; Sept. 11.
Staple and method of stapling. J. C. Lang. 2,380,655; July 31.
Staple fiber cutter. D. B. Wicker and C. W. Cox. 2,381,240; Aug. 7.
Staple puller. H. W. Palmer. 2,375,942; May 15.
Staple, Wire fence. C. T. Hunt. 2,386,953; Oct. 16.
Stapling and sealing mechanism. C. Z. Monroe. 2,370,745; Mar. 6.
Stapling apparatus. D. R. La Place. 2,368,552; Jan. 30.
Stapling device. R. Vancura. 2,381,192; Aug. 7.
Stapling machine. R. A. Percoco. 2,380,785; July 31.
Stapling mechanism. A. C. Lind. 2,380,116; July 10.
Starch conversion sirups, Production of. R. N. Monte. 2,383,914; Aug. 28.
Starch derivatives, Preparing. E. Pacsu and J. W. Mullen II. 2,372,337; Mar. 27.
Starch-gluten separation. R. W. Callaghan and G. W. Elverum. 2,388,902; Nov. 13.
Starch, Modification of. T. J. Schoch. 2,386,509; Oct 9.
Starch product. G. B. Fowler and D. K. Pattilloch. 2,385,438; Sept. 25.
Starch product, Preparation of modified. R. W. Kerr. 2,380,848; July 31.
Starch, Production of wheat. C. T. Langford and R. L. Slotter. 2,368,668; Feb. 6.
Start and stop mechanism, Automatic. C. N. Bergmann. 2,368,738; Feb. 6.
Start-stop regenerative telegraph repeater. E. F. Watson. 2,367,910; Jan. 23.
Starter, Cycling automatic engine. J. H. Wallace. 2,374,251; Apr. 24.
Starter, Engine. J. A. Beard. 2,385,963; Oct. 2.
Starter, Engine. J. W. Fitz Gerald. 2,366,502; Jan. 2.
Starter, Engine. J. W. Fitz Gerald. 2,366,503–4; Jan. 2.
Starter, Engine. J. W. Fitz Gerald. 2,368,292; Jan. 30.
Starter, Engine. J. W. Fitz Gerald. 2,370,649; Mar. 6.
Starter, Engine J. W. FitzGerald. 2,379,073; June 26.
Starter, Engine. J. W. Fitz Gerald. 2,379,428; July 3.
Starter for internal-combustion engines. H. da Costa. 2,388,469; Nov. 6.
Starter for internal-combustion engines. G. K. Smith. 2,373,507; Apr. 10.
Starter, Hydraulic. H. Molly. 2,382,437; Aug. 14.
Starter for aircraft engines, Flywheel. C. R. Waseige. 2,381,018; Aug. 7.
Starting control for electric discharge devices. H. C. Atkins. 2,367,655; Jan. 23.
Starting control for electric discharge devices. M. A. Townsend. 2,372,149; Mar. 20.
Starting control for electric discharge devices. J. R. Whiteside. 2,372,148; Mar. 20.
Starting control for electric discharge devices. J. R. Whiteside. 2,374,315; Apr. 24.
Starting device. W. L. Kissel and H. D. Palmer. 2,374,685; May 1.
Starting device for fluorescent tubes. J. H. Rubenstein and L. J. De Martino. 2,372,295; Mar. 27.
Starting device for gravity arc welders. J. M. Tyrner. 2,387,864; Oct. 30.
Starting device for outboard motors. W. R. McElmurray. 2,386,703; Oct. 9.
Starting mechanism and the like. R. W. Muerle. 2,383,671; Aug. 28.
Starting system for internal-combustion engines, Two-stage. A. Miller. 2,373,256; Apr. 10.
Static charge from moving bodies, Removing. R. C. Ayres. 2,386,084; Oct. 2.
Static charges on aircraft or the like, Method and apparatus for detecting and neutralizing. G. J. C. Andresen. 2,386,647; Oct. 9.
Static eliminator. C. J. Kilduff. 2,375,304; May 8.
Station for aerial pickup systems, Ground. H. W. Ballard. 2,369,518; Feb. 13.
Station selection system. L. M. Potts. 2,371,311; Mar. 13.
Stationary broiling rack. W. H. Stangle. 2,386,070; Oct. 2.
Stationery. R. E. Lee. 2,377,348; June 5.
Stationery feeding and trimming device. C. L. Winter. 2,390,907; Dec. 11.
Stationery, Manifold. T. V. Berggren. 2,371,791; Mar. 20.
Stator, Liquid-tight. F. J. Sigmund and W. S. Hlavin. 2,385,385; Sept. 25.
Stators for electrical machines, Manufacturing. E. Prat Divf. 2,367,428; Jan. 16.
Staybolt. J. R. Flannery. 2,368,651; Feb. 6.
Stay-bolt construction for boilers, Flexible hollow. J. Kindervater. 2,383,394; Aug. 21.
Stay, Collar. B. B. Manaster. Re. 22,698; Nov. 27.
Stay, Collar. B. B. Manaster. 2,371,338; Mar. 13.
Steadier for elongated workpieces and mandrel bars. H. C. Inslee. 2,374,939; May 1.
Steadier for elongated workpieces and mandrel bars. H. C. Inslee. 2,386,864; Oct. 16.
Steady rest for lathes. W. F. Liber. 2,390,888; Dec. 11.
Steam and water mixer. H. A. Torbett. 2,372,533; Mar. 27.
Steam and water mixing device. T. N. Adlam. Re. 22,603; Feb. 20.
Steam boiler. C. Alexandrou. 2,383,034; Aug. 21.
Steam boiler. G. H. Green. 2,387,391; Oct. 23.
Steam boiler. P. L. Joslyn. 2,367,870; Jan. 23.
Steam boiler. G. C. Wicks. 2,387,103; Oct. 16.
Steam chest construction. G. M. Mierley. 2,367,134; Jan. 9.
Steam cylinder lubricants. E. W. Adams and F. H. MacLaren. 2,373,733; Apr. 17.

Steam generating apparatus. W. R. Hainsworth. 2,368,467; Jan. 30.
Steam generator. J. P. Badenhausen. 2,367,558–9; Jan. 16.
Steam generator. J. P. Badenhausen. 2,384,588; Sept. 11.
Steam generator. G. H. Daniels. 2,371,226; Mar. 13.
Steam generator. E. J. De Cota. 2,389,898; Nov. 27.
Steam generator. J. H. Jacobs. 2,374,818; May 1.
Steam generator. T. C. Johnson. 2,391,628; Dec. 25.
Steam generator. M. H. Kuhner. 2,379,009; June 26.
Steam generator. T. Nagel. 2,374,882; May 1.
Steam generator. G. Sanders. 2,382,176; Aug. 14.
Steam generator. G. A. Skaggs. 2,388,345; Nov. 6.
Steam generator. J. A. Standing. 2,384,704; Sept. 11.
Steam heating system and control valve therefor. W. T. Ferguson. 2,378,760; June 19.
Steam iron. E. O. Morton. 2,387,281; Oct. 23.
Steam jet pump. W. H. Tinker. 2,369,692; Feb. 20.
Steam joint. B. A. Malkin. 2,366,541; Jan. 2.
Steam motor. M. I. Topalov. 2,379,324; June 26.
Steam pump. P. A. McCormick. 2,381,298; Aug. 7.
Steam separator. P. B. Place. 2,378,429; June 19.
Steam separator. P. B. Place. 2,378,862; June 19.
Steam trap. W. D. Booker. 2,378,748; June 19.
Steam turbine. E. Gente. 2,382,705; Aug. 14.
Steamer, Hat. R. C. Utley and A. Feilchenfeld, Jr. 2,369,623; Feb. 13.
Steatite-type body and producing same. H. L. Crowley and A. M. Hossenlopp. 2,382,137; Aug. 14.
Steel alloys. C. B. Post and M. C. Fetzer. 2,379,988; July 10.
Steel and article thereof, Shallow hardening J. Z. Briggs. 2,369,656; Feb. 20.
Steel and improving the creep strength thereof. R. F. Miller. 2,376,073; May 15.
Steel cartridge case. S. A. Snell. 2,373,921; Apr. 17.
Steel, Copper bearing stainless. R. H. Thielemann. 2,382,273; Aug. 14.
Steel, Deep-drawing. J. E. Lose. 2,387,919; Oct. 30.
Steel for drawing, Treating. J. E. Millen. 2,369,596; Feb. 13.
Steel hardened article, Fine-grained. W. Crafts. 2,382,467; Aug. 14.
Steel, Heat-treating high-speed tool. F. A. Endress. 2,383,299; Aug. 21.
Steel in elevated temperature service under stress. M. A. Grossmann and R. F. Miller. 2,389,043; Nov. 13.
Steel, Making chromium-nickel austenitic stainless. S. F. Urban. 2,374,396; Apr. 24.
Steel, Making deep drawing. C. E. Bayer and C. E. Carr. 2,390,346; Dec. 4.
Steel or iron, Treatment of. H. T. Chandler. 2,370,289; Feb. 27.
Steel particles from particles of abrasive material, Procedure and apparatus for separating stainless. W. E. Griffiths. 2,372,321; Mar. 27.
Steel, Permanent magnet. D. R. Howerton. 2,383,969; Sept. 4.
Steel plate from corrosion and preparing elements of container bodies therefrom, Preserving. F. J. O'Brien and C. E. Maier. 2,386,813; Oct. 16.
Steel powder. J. Wulff. 2,368,282; Jan. 30.
Steel, Producing designs on stainless. C. Batcheller. 2,375,613; May 8.
Steel, Producing high-tensile strength deep-drawing. J. W. Kinnear, Jr. 2,389,516; Nov. 20.
Steel, Production of alloy. E. F. Doom. 2,375,291; May 8.
Steel, Production of electric silicon. J. D. Gat. 2,389,497; Nov. 20.
Steel, Production of soft cold reduced. F. G. Campbell and E. L. Robinson. 2,377,922; June 12.
Steel, Scaling stainless. A. W. Bromberg. 2,389,838; Nov 27.
Steel, Treating inherently aging chromium-nickel stainless. G. V. Smith. 2,374,388; Apr. 24.
Steel, Treating inherently aging chromium-nickel stainless. E. H. Wyche. 2,390,023; Nov. 27.
Steels and articles of manufacture produced therefrom, Beryllium cobalt alloy. E. G. Touceda and R. P. De Vries. 2,382,680; Aug. 14.
Steels, Carburizing. F. R. Bonte. 2,381,638; Aug. 7.
Steels, Cold rolled manganese. R. Franks. 2,378,991; June 26.
Steels, Cold rolled manganese. R. Franks. 2,378,993–4; June 26.
Steels, Hardenable. W. Crafts. 2,382,466; Aug. 14.
Steels, Hardening. R. S. Wile. 2,374,634; Apr. 24.
Steels, Passivating stainless. H. H. Uhlig. 2,390,402; Dec. 4.
Steels, Spheroidizing S. A. E. 2300 series. H. H. Schneider. 2,376,454; May 22.
Steerable road wheel mounting. W. S. Berry and R. H. Phelps and T. Ulrich. 2,369,644; Feb. 20.
Steering apparatus. H. Hamill. 2,368,135; Jan. 30.
Steering apparatus, Marine. F. C. Schoen, De W. F. Evans, and F. C. T. Schoen. 2,391,645; Dec. 25.
Steering by braking. R. C. Stolte. 2,375,959; May 15.
Steering by driving. H. S. Eberhard and G. W. Lewis. 2,379,628; July 3.
Steering control, Dual. E. J. Barth and E. W. Zingsheim. 2,369,936; Feb. 20.
Steering device, Automatic. A. Kronenberger. 2,382,727; Aug. 14.
Steering gear for ships. R. Lowy. 2,385,090; Sept. 18.
Steering indicator device for vehicles. D. M. O'Dwyer. 2,390,317; Dec. 4.
Steering mechanism. F. Gasche. 2,378,474; June 19.
Steering mechanism. G. G. McNamara, Jr. 2,371,835; Mar. 20.
Steering mechanism. C. C. Utz. 2,390,231; Dec. 4.
Steering mechanism, Differential. D. I. Hood. 2,378,082; June 12.
Steering mechanism for mechanically propelled vehicles, Reversible. J. D. Coldwell. 2,384,890; Sept. 18.
Steering mechanism for motor road vehicles. G. R. G. Gates. 2,389,498; Nov. 20.
Steering mechanism for motor vehicles. W. M. Blagden. 2,371,022; Mar. 6.
Steering mechanism for track-laying vehicles. H. E. Merritt. 2,377,354; June 5.
Steering mechanism for tractor cranes. F. E. Terrill. 2,380,619; July 31.
Steering mechanism for vehicles. J. Rodway. 2,388,185; Oct. 30.
Steering mechanism for vessels. J. H. Hammond, Jr. 2,369,456; Feb. 13.
Steering mechanism, Power. H. Baade. 2,385,485; Sept. 25.
Steering mechanism, Power. R. C. Le Tourneau. 2,386,-483; Oct. 9.
Steering mechanism, Semitrailer. D. B. Avery. 2,389,752; Nov. 27.
Steering mechanism, Vehicle. T. H. and W. H. Briggs. 2,388,038; Oct. 30.
Steering stabilizer, Motor vehicle. A. Kost. 2,373,834; Apr. 17.
Steering wheel. G. R. Micuta. 2,379,492; July 3.
Stem and guide, Lamp hanger. T. B. and R. K. Farrington and W. T. Keller. 2,377,871; June 12.
Stem assembly. C. Hollerith. 2,367,776; Jan. 23.
Stem machine chuck. C. Herzog. 2,366,786; Jan. 9.
Stem valves, Making cold worked hollow. J. M. Kerwin and S. H. Norton. 2,367,783; Jan. 23.
Stemming device for explosive charges. C. O. Tappan. 2,388,232; Oct. 30.
Stemware, Machine for making. J. P. Schellhaus, Jr. 2,385,302; Sept. 18.
Stencil. A. Baczewski. 2,385,562; Sept. 25.
Stencil and making same, Light. B. Rudnick. 2,383,568; Aug. 28.
Stencil and stenciling. R. J. Leander. 2,383,913; Aug. 28.
Stencil cards, Making. E. J. Lamb. 2,375,308; May 8.
Stencil screen and making the same. H. E. Playford. 2,370,874; Mar. 6.
Stencils, Forming transferable silk screen. E. C. Bowers. 2,374,524; Apr. 24.
Stenographic machine. W. A. Ayres and R. E. Page. 2,390,414; Dec. 4.
Step-cut drill bit. E. B. Williams, Jr. 2,371,490; Mar. 13.
Step stand, Propelled and steered. R. W. Fieroh. 2,380,160; July 10.
Step structure, Preformed. W. R. Wale. 2,374,905; May 1.
Stepladder. G. M. Fenner. 2,381,492; Aug. 7.
Stepladder, Extension. J. H. Glower. 2,383,962; Sept. 4.
Stepladder, trestle, and the like. J. Allan. 2,391,216; Dec. 18.
Stepping mechanism. H. H. Smith. 2,377,583; June 5.
Stereo trainer. S. M. MacNeille and G. J. Koch. 2,388,858; Nov. 13.
Stereoscope. L. H. Brown. 2,391,675; Dec. 25.
Stereoscope. R. E. McClure. 2,368,480; Jan. 30.
Stereoscopic acuity testing device. G. J. Koch. 2,391,248; Dec. 18.
Stereoscopic apparatus. H. J. Tickell. 2,380,088; July 10.
Stereoscopic modeling machine. L. A. Scholz. 2,386,816; Oct. 16.
Sterilization of evaporated milk in glass containers. R. Whitaker, R. P. Myers, and R. E. Homberger. 2,388,103; Oct. 30.
Sterilizer, Ultraviolet. R. A. Hrabak. 2,381,450–2; Aug. 7.
Sterilizer, Wet-pack. F. M. Miner, Jr. 2,376,611; May 22.
Sterilizing. L. H. James. 2,380,696; July 31.
Sterilizing air, Method and apparatus for. B. H. Jennings and E. Bigg. 2,369,900; Feb. 20.
Sterilizing and disinfecting products, Producing. I. and W. Kreidl. 2,374,754; May 1.
Sterilizing apparatus and process. C. A. French. 2,386,-676; Oct. 9.
Sterilizing container. C. B. Ravén. 2,384,398; Sept. 4.
Steroidal compounds and obtaining the same. R. B. Wagner. 2,380,483–4; July 31.
Steroids, Dehalogenation of. P. L. Julian, J. W. Cole, A. Magnani, and H. E. Conde. 2,374,683; May 1.
Sterol and steroid derivatives. H. R. Rosenberg and S. G. Turnbull, Jr. 2,375,874; May 15.
Sterol and steroid esters. H. R. Rosenberg and S. G. Turnbull, Jr. 2,375,873; May 15.
Sterol derivatives, New. H. R. Rosenberg and S. G. Turnbull, Jr. 2,386,636; Oct. 9.

Sterol derivatives, Production of. D. H. Terry. 2,376,563; May 22.
Sterols, Preparation of 7-dehydro. H. R. Rosenberg. 2,376,816; May 22.
Sterols, Treatment of. J. Rosin. 2,391,743; Dec. 25.
Stethoscope, Accoustic. H. F. Olson. 2,389,868; Nov. 27.
Stevedore jack. B. N. Williams and T. D. Sanford. 2,369,383; Feb. 13.
Stick holder. L. D. Overland. 2,377,364; June 5.
Stick, Hoop. E. Entringer. 2,381,581; Aug. 7.
Stick, Plastic picker. O. L. Carter and T. A. Putnam. 2,389,595; Nov. 27.
Stick-water, Treating. W. Martin. 2,367,415; Jan. 16.
Stiffener, Bladder. J. W. Overbeke. 2,380,866; July 31.
Stiffener and making the same, Shoe. E. L. Beckwith and A. P. Swett. 2,390,347; Dec. 4.
Stiffener, Shoe. W. H. Heaton. 2,381,590; Aug. 7.
Stiffening material. F. W. Chamberlain. 2,379,881; July 10.
Still. G. T. Jacocks. 2,376,146; May 15.
Still. G. T. Jacocks. 2,388,328; Nov. 6.
Still, Light weight portable. A. J. Laliberte. 2,376,876; May 29.
Still, Solar water. W. S. Barnes. 2,383,234; Aug. 21.
Stippler, Roller. A. T. Adams. 2,368,513; Jan. 30.
Stirring and mixing device. G. L. Hervert. 2,377,937; June 12.
Stirring device. E. L. Fritzberg. 2,390,579; Dec. 11.
Stirrup, Snap-on hot line. E. Gunzburger. 2,370,857; Mar. 6.
Stitch regulating mechanism. O. Fregeolle. 2,369,780; Feb. 20.
Stitch sewing machine, Special. C. W. Johnson. 2,389,151; Nov. 20.
Stitching machine. W. R. Spiller and R. J. Niederhauser. 2,391,488; Dec. 25.
Stock distributor. L. Hornbostel. 2,371,692; Mar. 20.
Stock feed mechanism. S. Sherrow. 2,368,890; Feb. 6.
Stock feeder. C. O. Halverson. 2,371,617; Mar. 20.
Stock having a square hole and making said stock, Metal. E. A. Zempel. 2,380,628; July 31.
Stock inlet. F. A. Helin. 2,384,912; Sept. 18.
Stock inlet. L. Hornbostel and E. E. Berry. 2,381,286; Aug. 7.
Stock, Making gold filled. T. C. Jarrett. 2,389,981; Nov. 27.
Stock regulator for paper machines. E. A. Poirier. 2,379,746; July 3.
Stock straightener. H. J. Shibovich. 2,389,644; Nov. 27.
Stocking and knitting the same. F. R. Page. 2,375,684; May 8.
Stocking and producing the same, Full-fashioned. P. Schmidt. 2,390,003; Nov. 27.
Stocking foot. G. Kasket. 2,391,165; Dec. 18.
Stocking foot. A. Y. Steffanson. 2,376,398; May 22.
Stocking welt construction, Producing. O. F. Smetana. 2,383,350; Aug. 21.
Stoker. R. L. Beers. 2,373,448; Apr. 10.
Stoker. R. L. Beers. 2,384,432; Sept. 11.
Stoker. J. S. Bennett. 2,387,383; Oct. 23.
Stoker. S. W. Guthrie. 2,366,783; Jan. 9.
Stoker. F. G. Julyan and W. M. Schweickart. 2,370,246; Feb. 27.
Stoker. G. Molotzak. 2,377,357; June 5.
Stoker. F. J. Palmer. 2,370,067; Feb. 20.
Stoker. J. M. Pilcher and F. F. Dennis. 2,380,260; July 10.
Stoker. H. E. Preston. 2,385,027; Sept. 18.
Stoker. B. R. Robinson. 2,367,799; Jan. 23.
Stoker. R. A. Sherman. 2,371,191; Mar. 13.
Stoker. R. W. Suman. 2,387,781; Oct. 30.
Stoker and its operation, Underfeed. T. S. Spicer and C. C. Wright. 2,378,805; June 19.
Stoker apparatus. S. H. Chapman. 2,382,293; Aug. 14.
Stoker apparatus. R. A. Foresman, D. J. Mosshart, and A. F. Schultz. 2,369,957; Feb. 20.
Stoker apparatus. W. T. Hanna. 2,380,840; July 31.
Stoker apparatus. A. F. Schultz and D. J. Mosshart. 2,391,596; Dec. 25.
Stoker apparatus. E. R. Stone. 2,391,600; Dec. 25.
Stoker apparatus, Spreader. S. H. Chapman. 2,370,936; Mar. 6.
Stoker apparatus, Spreader. W. Kessler. 2,390,154; Dec. 4.
Stoker apparatus, Spreader. A. F. Schwendner. 2,391,597; Dec. 25.
Stoker, Automatic. W. M. Fulton. 2,377,874; June 12.
Stoker, Automatic. W. M. Fulton. 2,385,782; Oct. 2.
Stoker, Automatic. I. A. Winter. Re. 22,694; Nov. 20.
Stoker control. S. G. Isserstedt. 2,373,186; Apr. 10.
Stoker control apparatus. C. Hotchkiss. 2,385,811; Oct. 2.
Stoker control system. V. R. Tate. 2,373,150; Apr. 10.
Stoker damper control. F. W. Stuart. 2,372,863; Apr. 3.
Stoker, Fuel. D. R. Stahl. 2,388,805; Nov. 13.
Stoker gas back. F. G. Julyan. 2,387,400; Oct. 23.
Stoker link and making the same. W. M. Duncan. 2,370,236; Feb. 27.
Stoker signal. G. Orphan. 2,376,079; May 15.
Stoker, Spreader. W. Kessler. 2,390.155; Dec. 4.
Stoking apparatus. C. E. Shaffer and A. B. Fisher, Jr. 2,388,294; Nov. 6.
Stone and making, Synthetic. P. W. Jones and J. W. Swezey. 2,382,154; Aug. 14.
Stone crushing apparatus. L. H. Kessler. 2,373,691; Apr. 17.
Stool. O. C. Blomgren. 2,368,740; Feb. 6.
Stool. G. Mather. 2,390,546; Dec. 11.
Stool. R. A. Wagner, Sr. 2,369,930; Feb. 20.
Stool and stepladder, Combination. C. R. Griggs. 2,368,541; Jan. 30.
Stool, Collapsible. W. Witt. 2,385,900; Oct. 2.
Stool, Combination. E. S. Reid. 2,375,819; May 15.
Stool, Drummer's. B. C. Rentie. 2,367,052; Jan. 9.
Stool, Folding. E. A. F. M. Naon. 2,385,458; Sept. 25.
Stool, Folding. P. J. Russell. 2,366,560; Jan. 2.
Stool or chair. T. A. Fallon, Sr. 2,369,289; Feb. 13.
Stop and mounting, Safety. E. Bourland. 2,374,326; Apr. 24.
Stop and pusher, Combination. J. Kerner. 2,372,499; Mar. 27.
Stop, Cushion. R. R. Hart. 2,373,757; Apr. 17.
Stop device, Check controlled. H. E. Marvel. 2,390,605; Dec. 11.
Stop for metalworking machines, Stock. A. E. Drissner and W. J. Hogg. 2,381,441; Aug. 7.
Stop for vehicle repair mechanics. W. R. Anderson. 2,378,678; June 19.
Stop leak pipe joint clamp. D. Lappin. 2,366,341; Jan. 2.
Stop means for textile machines. H. Searles, L. W. Griffis and E. Carlson. 2,371,110; Mar. 6.
Stop means, Locking bar. R. W. May. 2,378,941; June 26.
Stop mechanism, Adjustable. H. A. Strickland, Jr. 2,379,463; July 3.
Stop mechanism and warning signal for knitting machines, Tension control. R. N. Auble. 2,383,838; Aug. 28.
Stop mechanism for machine tools. G. H. Williams. 2,373,934; Apr. 17.
Stop mechanism operating means. R. A. Collins. 2,367,187; Jan. 16.
Stoker mechanism, Spreader. R. T. French. 2,390,062; Dec. 4.
Stop motion. B. C. Gibbs and R. H. Roughsedge. 2,367,768; Jan. 23.
Stop motion device for pile fabric looms. T. Van Heek. 2,384,357; Sept. 4.
Stop motion for textile machines. H. T. Overbey. 2,381,683–4; Aug. 7.
Stop motion for yarn handling machines. A. E. Winslow. 2,375.605; May 8.
Stop release for turret lathes, Adjustable dog. L. P. Takac, Jr. 2,336,014; Oct. 2.
Stopper, Bottle. A. H. Johnson. 2,370,732; Mar. 6.
Stopper, Cinder notch. A. F. Giese, Jr. 2,376,048; May 15.
Stopper, Pipe. L. Glashow. 2,373,242; Apr. 10.
Stopper, Vacuum release. A. Skar. 2,385,847; Oct. 2.
Stopping means for looms. C. D. Brown. 2,383,931; Sept. 4.
Storage and conveying apparatus, Ash. F. L. Stokoe. 2,379,998; July 10.
Storage apparatus, Liquid-sealed fluid. W. G. Laird. 2,383,555; Aug. 28.
Storage batteries, Sealing. R. A. Daily. 2,388,042; Oct. 30.
Storage battery electrode. H. D. Wilson. 2,367,453; Jan. 16.
Storage rack. E. E. Kintz. 2,380,316; July 10.
Storage system, Polar relay. J. A. Spencer. 2,389,694; Nov. 27.
Storage system, Under water fuel. W. J. Benckert. 2,383,840; Aug. 28.
Storage tank. J. T. Royer. 2,378,159; June 12.
Storage tank and method of storing liquids, Floating roof. W. G. Laird. 2,366,911; Jan. 9.
Storing, atomizing, and generating liquefied petroleum gases, Method and apparatus for. J. R. Holicer. 2,386,554; Oct. 9.
Storing device and selecting means therefor, Data. W. Leathers and J. Haddad. 2,386,482; Oct. 9.
Storm window fastener. H. J. Diederich. 2,374,426; Apr. 24.
Stove. J. Bilan. 2,388,593; Nov. 6.
Stove. J. F. Joy. 2,383,488; Aug. 28.
Stove. B. B. Kahn. 2,372,086; Mar. 20.
Stoves and furnaces, Internal construction for. P. Wingert. 2,390,483; Dec. 4.
Stove construction. A. Nelson and H. H. Niemann. 2,373,492; Apr. 10.
Stove, Heating. H. R. Blumstengel. 2,367,094; Jan. 9.
Stove, Heating. G. Klein. 2,374,438; Apr. 24.
Stove, Hot-blast. F. C. Swartz. 2,376,099; May 15.
Stove, Magazine. W. A. Burke and H. J. and W. O. Frese. 2,384,596; Sept. 11.
Stove or furnace construction. E. M. Franklin. 2,382,785; Aug. 14.
Stove, Portable. W. E. Baxter. 2,384,272; Sept. 4.
Stove, Rural. M. Carol. 2,375,466; May 8.
Straight-bar knitting machine. H. W. Start and E. Start. 2,370,501; Feb. 27.
Straight stem vent valve. J. A. Parton and J. B. Pace. 2,385,584; Sept. 25.
Straightener, Round. J. B. Sutton. 2,376,401; May 22.
Strain-relief for electric cords. W. Leathers. 2,375,373; May 8.

Strain relief, Molded. D. D. McQuiston. 2,386,000; Oct. 2.
Strainer. R. W. Johnson and L. V. McCarty. 2,369,740; Feb. 20.
Strainer. D. R. McNeal. 2,366,451; Jan. 2.
Strainer. O. Muller. 2,374,613; Apr. 24.
Strainer bags, Detachably mounting. A. M. Goodloe and L. A. Kisch. 2,381,949; Aug. 14.
Strainer body and harness therefor. L. A. Kisch and E. J. Herter, Jr. 2,374,756; May 1.
Strainer, Downspout. E. A. Robertson. 2,377,373; June 5.
Strainer for radiator circulating systems, Removable. L. C. Wetherell. 2,384,057; Sept. 4.
Strainer, Gasoline station pump nozzle. A. Klazkin and M. J. Danciger. 2,368,145; Jan. 30.
Strainer unit. R. B. Kingman. 2,371,895; Mar. 20.
Strand handling apparatus. G. C. Spillman. 2,382,922; Aug. 14.
Strand materials, Treating. C. C. Smith. 2,386,148; Oct. 2.
Strands, Handling. J. N. Selvig. 2,379,755; July 3.
Strands of material, Making and packaging. H. W. Collins. 2,386,158; Oct. 2.
Strap, All-metal adjustable jack. C. H. King. 2,370,406; Feb. 27.
Strap fastener. W. G. Vasey. 2,389,335; Nov. 20.
Strap, Cabling. S. P. Hull, J. J. Corcoran, and B. A. Lundy. 2,390,940; Dec. 11.
Strap fixture for armchairs. A. B. Muller. 2,383,918; Aug. 28.
Strap for cargo lashing equipment. G. C. Soule and W. Cote. 2,384,404; Sept. 4.
Strap handle holder. B. R. Thiele. 2,374,629; Apr. 24.
Strap stretching and sealing apparatus. W. C. Childress and J. M. Royal. 2,375,769; May 15.
Strap structure. H. L. Zimmerman. 2,377,061; May 29.
Strap, Wrist watch. J. A. Traum. 2,383,628; Aug. 28.
Strapping or banding machine. J. T. Cooper. 2,371,806; Mar. 20.
Strata in bore holes, Plugging. N. B. Dismukes. 2,371,383;
Streamcurrent apparatus for handling solutions and suspensions. G. A. Auer. 2,386,419; Oct. 9.
Streamlined models, Producing. W. H. Caraway. 2,382,974; Aug. 21.
Stress, Measurement of. H. Davis. 2,370,845; Mar. 6.
Stressed skin airfoil joint. M. Watter. 2,382,358; Aug. 14.
Stretcher. C. C. Carpenter. 2,367,167; Jan. 9.
Stretcher. D. J. Gunnell. 2,384,299; Sept. 4.
Stretcher. R. C. Hughes. 2,377,940; June 12.
Stretcher. J. H. Levison. 2,379,365; June 26.
Stretcher accommodation means for vehicles or the like. A. S. Malling. 2,387,082; Oct. 16.
Stretcher, Barbed-wire. J. H. Sayles. 2,386,751; Oct. 16.
Stretcher, Combined hoist, jack and wire. F. W. Coffing. 2,377,324; June 5.
Stretcher, Garment. A. C. Schoepfer and J. W. Parker. 2,390,004; Nov. 27.
Stretcher, Pelt. G. S. West. 2,380,135; July 10.
Stretching and spudding machine. W. Green. 2,389,620; Nov. 27.
Stretching device, Boot and shoe. C. Gregory. 2,385,270; Sept. 18.
Stretching table. C. M. Martin. 2,385,998; Oct. 2.
Striking implements, Construction of. T. L. Johnson. 2,379,006; June 26.
String with an inside cutting-off sub incorporated therein, Drilling. K. E. Waggener. 2,378,602; June 19
Stringing machine, Racquet. M. Caro and G. Lambet. 2,389,609; Nov. 27.
Stringing needles. E. E. West. 2,367,986; Jan. 23.
Strip applying machine. H. C. Paulsen. 2,383,560; Aug. 28.
Strip burster. J. T. Davidson. 2,380,949; Aug. 7.
Strip, Buttonhole. H. Pecker. 2,373,594; Apr. 10.
Strip coiling apparatus. C. M. MacChesney. 2,378,024; June 12.
Strip-controlling device for sewing machines. J. E. Ackerman. 2,370,511; Feb. 27.
Strip cutting machine. G. G. Somerville. 2,369,617; Feb. 13.
Strip feed. A. E. Borton. 2,380,918; Aug. 7.
Strip feed guide. A. S. Howell. 3,374,486; Apr. 24.
Strip feeding mechanism. W. L. Sullivan. 2,376,204; May 15.
Strip forming apparatus. C. Norton. 2,384,485–6; Sept. 11.
Strip-guiding device for sewing machines. J. E. Ackerman and F. F. Zeier. 2,376,646; May 22.
Strip handling apparatus. L. Johnson, Jr., and M. D. Stone. 2,369,830; Feb. 20.
Strip mechanism. W. A. Swertfager and C. L. Clark. 2,369,187; Feb. 13.
Strip, Method and apparatus for coating. J. D. Keller. 2,377,632; June 5.
Strip, Method and apparatus for rolling. R. J. Wean. 2,370,895; Mar. 6.
Strip pickling, Continuous. S. J. Dishauzi. 2,381,652; Aug. 7.
Strip server. T. R. Gautier and R. W. Hoitt. 2,382,787; Aug. 14.
Strip, Support for coiled. P. H. Washam, Jr. 2,369,093; Feb. 6.
Striper. J. E. Doss. 2,369,342; Feb. 13.
Stripper for punch presses, Hydraulic. C. M. Eason. 2,378,068; June 12.
Stripper, Wire-block. W. Morgan and C. D. Wesson. 2,370,482; Feb. 27.
Stripping machine. F. Hopper. 2,390,369; Dec. 4.
Stripping mechanism, Hydraulic. C. M. Eason. 2,378,069; June 12.
Stripping system, Powdered solids. J. F. Snuggs. 2,367,694; Jan. 23.
Stroboscopic device for checking electric meters, Portable. G. E. Maillat. 2,371,904; Mar. 20.
Strongback. A. D. Pertile and H. J. Barnett. 2,377,033; May 29.
Strontium oxide, Manufacture of. J. B. Pierce, Jr. 2,382,909; Aug. 14.
Strontium peroxide and manufacturing same. L. H. Dawsey and H. A. Rudolph. 2,375,772; May 15.
Strontium, Purification of. P. P. Alexander. 2,375,201; May 8.
Structural connection, Flexible welded. E. Scheyer. 2,382,584; Aug. 14.
Structural connector. H. A. Taylor. 2,385,893; Oct. 2.
Structural element. P. J. Corbin. 2,382,208; Aug. 14.
Structural element having low heat conductivity. R. S. Dean. 2,366,601; Jan. 2.
Structural frame. N. W. Dalton. 2,389,767; Nov. 27.
Structural material. J. L. M. S. B. Banks. 2,369,006; Feb. 6.
Structural material, Double-wall. R. H. Folsom. 2,389,769; Nov. 27.
Structural material. D. Finlayson and F. C. Hale. 2,377,335; June 5.
Structural material and making it, Artificial. P. W. Jones and J. W. Swezey. 2,382,155; Aug. 14.
Structural member. E. D. Pieri and J. E. Bowen. 2,384,849; Sept. 18.
Structural member. R. E. Spaulding. 2,386,724; Oct. 9.
Structural members, Producing. T. Collins. 2,376,574; May 22.
Structural section for flexible welded connections. E. Scheyer. 2,382,583; Aug. 14.
Structural toy assembly aid. E. M. Roach. 2,377,904; June 12.
Structural unit and assembly. G. W. Pancoe and A. G. Dean. 2,386,710; Oct. 9.
Structural unit for aircraft and the like. R. W. Mitchell. 2,372,510; Mar. 27.
Structural unit, Internally insulated. C. R. Weiller. 2,391,049; Dec. 18.
Structure. W. T. Van Orman. 2,371,776; Mar. 20.
Structure. W. T. Van Orman. 2,391,282; Dec. 18.
Structure and forming the same. W. E. Landow. 2,377,160; May 29.
Structure and structural element, Composite. W. A. Phillips. 2,389,238; Nov. 20.
Structure for airplanes, Wing. W. T. Reid. 2,391,514; Dec. 25.
Structure for containers or the like, Prefabricated. H. B. Lindsay. 2,377,702; June 5.
Structure for crawler tractors, Frame and drawbar. D. B. Baker and W. O. Bechman. 2,391,002; Dec. 18.
Structure, Power take-off. K. W. Couse. 2,390,513; Dec. 11.
Structure to be porcelained and producing the same. J. L. Grant. 2,370,304; Feb. 27.
Structures and related articles and making the same, Plywood. G. F. D'Alelio. 2,389,418; Nov. 20.
Structures, Differential widening means for control. K. O. Kearney. 2,389,436; Nov. 20.
Stud. R. E. Somers. 2,384,403; Sept. 4.
Stud, Adjustable rotary operative fastener. F. E. Johnson. 2,378,638; June 19.
Stud assembly. A. Venditty. 2,369,091; Feb. 6.
Stud or the like, Self-locking. F. W. Johnson. 2,386,897; Oct. 16.
Stud pad. L. A. Martine-Lally, W. A. Doney, and J. C. Ditto. 2,367,039; Jan. 9.
Stud, rafter, and joist bracket. S. E. Ralston. 2,369,687; Feb. 20.
Stud setting device. J. V. Walker. 2,390,034; Nov. 27.
Studio spot lamp. J. C. Rose. 2,368,781; Feb. 6.
Stuffing box. J. M. G. Fullman. 2,371,753; Mar. 20.
Stuffing box. J. P. Ratigan. 2,380,189; July 10.
Stuffing machine, Sausage. C. T. Walter. 2,373,865; Apr. 17.
Stump-jump mechanism for agricultural implements. R. C. Ash. 2,379,779; July 3.
Stylus. F. W. Schmidt. 2,385,945; Oct. 2.
Stylus for facsimile recorder, Adjustable. G. H. Ridings and R. J. Wise. 2,375,820; May 15.
Styrene and butadiene, Production of. J. M. Mavity. 2,376,549; May 22.
Styrene and ethylbenzene, Manufacture of. C. Weizmann. 2,384,984; Sept. 18.
Styrene and its derivatives, Polymerization of. V. H. Turkington and L. R. Whiting. 2,367,810; Jan. 23.
Styrene distillation. R. E. Schneider. 2,385,235; Sept. 18.
Styrene fractionation. T. A. Gadwa. 2,370,948; Mar. 6.
Styrene from butadiene, Production of. V. Voorhees. 2,376,985; May 29.
Styrene from monocyclic terpenes, Dimethyl. J. K. Dixon. 2,376,310; May 15.
Styrene, Manufacture of. G. Egloff. 2,376,533; May 22.

Styrene, Manufacture of. W. J. Mattox. 2,389,444; Nov. 20.
Styrene, Manufacture of. W. J. Mattox. 2,389,801; Nov. 27.
Styrene polymers, Depolymerization of. F. J. Soday. 2,372,528; Mar. 27.
Styrene, Production of. G. Egloff. 2,376,532; May 22.
Styrene, Production of. J. W. Livingston. 2,389,793; Nov. 27.
Styrene, Production of. W. J. Mattox. 2,376,709; May 22.
Styrene separation. A. W. Francis and E. E. Reid. 2,377,221; May 29.
Styrene sheets, Flattening curly polymerized. J. P. Putnam. 2,386,976; Oct. 16.
Styrenes and other products, Production of. M. G. Sturrock and T. Lawe. 2,373,982; Apr. 17.
Subharmonic generator. J. B. Daly. 2,383,777; Aug. 28.
Subirrigation device for the propagation of plants. F. N. P. Supplee. 2,379,549; July 3.
Submarine emergency saver. Y. S. Ming. 2,374,296; Apr. 24.
Submarine excavating device. J. Kalix. 2,371,174; Mar. 13.
Submarine foundation. G. L. Young. 2,382,763; Aug. 14.
Submarine net. D. A. Wallace. 2,383,095; Aug. 21.
Submarine signaling apparatus. B. M. Harrison. 2,384,465; Sept. 11.
Submerged resistor type indicator furnace. M. and M. Tama. 2,381,523; Aug. 7.
Submergible switch. M. L. Jeffrey. 2,368,926; Feb. 6.
Submersible container. I. R. J. Mumford. 2,371,404; Mar. 13.
Submersible deep well pump. H. C. French. 2,368,131; Jan. 30.
Submersible structure. T. G. Myers. 2,381,615; Aug. 7.
Subscriber's calling device in electroacoustic transmission apparatus. O. Tschumi. 2,383,355; Aug. 21.
Substances promoting the growth of yeast and other unicellular plants, Manufacture of. F. Bergel, A. L. Morrison, N. C. Hindley, and A. R. Moss. 2,372,654; Apr. 3.
Substances rich in riboflavin, Production of. D. A. Legg and S. C. Beesch. 2,370,177; Feb. 27.
Substances, Treating. H. W. Abshire. 2,369,123; Feb. 13.
Substation circuit. J. W. Foley and J. W. Emling. 2,385,265; Sept. 18.
Substitute for tin horns. J. E. Wilson. 2,385,752; Sept. 25.
Substation circuit. A. E. Woodruff. 2,391,533; Dec. 25.
Substituted 1,3,5-triazinyl-(6)-aminophenyl-arsenic compounds. E. A. H. Friedheim. 2,390,089–2; Dec. 4.
Sucker rod hanger. J. L. Haddock and S. Dixon. 2,389,045; Nov. 13.
Sucker rod wrench. F. S. Rudrow and K. N. Mills. 2,373,054; Apr. 3.
Suction cleaner. B. C. Becker. 2,366,479; Jan. 2.
Suction cleaner. Q. Berg. 2,366,481; Jan. 2.
Suction cleaner. D. C. Gerber and R. C. Osborn. 2,387,655; Oct. 23.
Suction cleaner. L. A. Griffith. 2,389,042; Nov. 13.
Suction cleaner. J. H. Nuffer and L. H. Latta. 2,388,279–80; Nov. 6.
Suction cleaner. R. C. Osborn. 2,379,316; June 26.
Suction cleaner. E. L. Snyder. 2,389,877; Nov. 27.
Suction cleaner. T. A. Stoner. 2,372,860; Apr. 3.
Suction cleaner. C. H. Taylor. Re. 22,594; Jan. 23.
Suction cleaner. H. B. White. 2,377,060; May 29.
Suction cleaner. H. B. White. 2,389,881; Nov. 27.
Suction cleaner apparatus. C. H. Taylor. 2,373,274; Apr. 10.
Suction cleaning apparatus. J. P. Jason. 2,390,101; Dec. 4.
Suction cleaning apparatus. C. H. Taylor. 2,372,033; Mar. 20.
Suction cleaning apparatus. C. H. Taylor. 2,382,348; Aug. 14.
Suction cleaning apparatus. C. H. Taylor. 2,390,196; Dec. 4.
Suction cup. P. E. Eckman. 2,382,405; Aug. 14.
Suction head. A. Lissiansky. 2,386,166; Oct. 2.
Suction relief valve. W. H. Alders. 2,367,989; Jan. 23.
Sugar beet topper. J. B. Powers. 2,369,850; Feb. 20.
Sugar bowl and extractor, Sanitary. G. Tillman. 2,387,623; Oct. 23.
Sugar-cane feeder. A. M. Hewlett. 2,367,278; Jan. 16.
Sugar melts, Decolorization of. G. E. Vincent. 2,381,090; Aug. 7.
Sugar melts, Treating. L. Wickenden. 2,372,996; Apr. 3.
Sugar product and making same. M. F. Schweiger. 2,373,919; Apr. 17.
Sugar refining. R. W. Shafor. 2,391,649; Dec. 25.
Sugar refining control. W. H. Kidd. 2,377,634; June 5.
Sugar solutions, Purification of. F. N. Rawlings. 2,391,843; Dec. 25.
Sugars, Polymerization of. G. J. Leuck. 2,387,275; Oct. 23.
Sugars, Recovery of rare. L. Laufer and J. Charney. 2,379,913–14; July 10.
Suit, Buoyant utility. H. K. Shaw. 2,379,498; July 3.
Suit, Diving. J. W. Browne. 2,388,674; Nov. 13.
Suitcase, head and back rest, Combined. A. W. Doux. 2,373,106; Apr. 10.
Suit, Flying. T. J. Sellmeyer. 2,379,497; July 3.
Suit, Life preserving. S. Kronhaus. 2,383,261; Aug. 21.
Sulphanilamide derivatives, Production of. F. B. Zienty. 2,391,853; Dec. 25.
Sulphanilamido pyridazine. P. S. Winnek and R. O. Roblin, Jr. 2,371,115; Mar. 6.
Sulphanilyl guanidine, Preparing. P. S. Winnek and H. E. Faith. 2,380,006; July 10.
Sulphanilylaminohydantoin. G. W. Raiziss, Le R. W. Clemence, and M. Freifelder. 2,384,964; Sept. 18.
Sulphapyridine composition of low toxicity. G. J. Martin and M. R. Thompson. 2,376,795; May 22.
Sulphate, Producing magnesium. H. R. Brandenburg. 2,384,010; Sept. 4.
Sulphate production, Ammonium. W. Tiddy. 2,368,901; Feb. 6.
Sulpha-thiazoles. G. Newbery. 2,385,224; Sept. 18.
Sulpha-thiazoles. W. Hiemenz and P. Setz. 2,366,189; Jan. 2.
Sulphauro compounds and their production. N. R. Trenner and F. A. Bacher. 2,370,592–3; Feb. 27.
Sulphenamides, Arylene thiazyl. W. E. Messer. 2,370,253; Feb. 27.
Sulphides of alkylated aryl, oxy-organic carboxylic acids. O. M. Reiff. 2,381,854; Aug. 7.
Sulphides of dialkyl phenols. R. L. Sibley. 2,370,756; Mar. 6.
Sulphides thiocarbamyl piperidyl. R. H. Cooper. 2,388,236; Nov. 6.
Sulphite liquor, Purifying. G. J. D. Danielsson. 2,380,504; July 31.
Sulphoaliphatic guanamines. J. T. Thurston. 2,390,476; Dec. 4.
Sulpholanes, Stabilization of. R. C. Morris and A. V. Snider. 2,390,331; Dec. 18.
Sulphonamide derivatives of 4-amino-1,2,4-triazole and processes for their production. H. W. Marson. 2,367,037; Jan. 9.
Sulphonamide deriviaties of 4-amino-3-methyl furazan and their production. R. O. Roblin, Jr. and G. W. Anderson. 2,367,057; Jan. 9.
Sulphonamide derivatives of 3-amino-5-methyl 1,2,4-oxadiazole and their production. R. O. Roblin, Jr, and H. E. Faith. 2,367,056; Jan. 9.
Sulphonamide derivatives, Preparation of. G. C. Butler, E. Lozinski, and A. D. Odell. 2,373,658; Apr. 17.
Sulphonamides and making same. M. Hartmann, F. Cueni, J. Druey, and H. von Meyenburg. 2,386,852; Oct. 16.
Sulphonamides as printing aids, Polar quinonyl. R. H. Kienle and C. A. Amick. 2,371,101; Mar. 6.
Sulphonated products, Purification of. W. A. Fessler. 2,383,120; Aug. 21.
Sulphonates, Difuryl. J. T. Thurston. 2,373,152; Apr 10.
Sulphonates, Furyl. J. T. Thurston. 2,385,314; Sept. 18.
Sulphonates, Preparation of organic. H. M. Grubb and E. B. Tucker. 2,374,193; Apr. 24.
Sulphonation process. E. Amott. 2,381,708; Aug. 7.
Sulphones and preparing same. L. L. Bambas. 2,389,127–8; Nov. 20.
Sulphones and their preparation, Therapeutically useful. L. L. Bambas. 2,389,126; Nov. 20.
Sulphones, Decomposition of diolefin. G. W. Hooker and S. C. Stowe. 2,373,563; Apr. 10.
Sulphones of the aromatic series and making the same. R. Tschesche. 2,382,924; Aug. 14.
Sulphonyl chloride derivatives and preparing the same. A. L. Fox. 2,370,786; Mar. 6.
Sulphonyl chlorides, Production of. M. S. Kharasch. 2,383,319; Aug. 21.
Sulphonyl compounds and their production. C. O. Henke. 2,390,253; Dec. 4.
Sulphonyl cyanamides. G. W. Anderson and R. O. Roblin, Jr. 2,390,411; Dec. 4.
Sulphonylguanidines, Production of. H. E. Faith. 2,377,485; June 5.
Sulphonyl guanylureas, Preparation of. D. W. Kaiser and J. T. Thurston. 2,368,841; Feb. 6.
Sulphopolycarboxylic acid monoamides and their preparation. A. O. Jaeger and K. L. Lynch. 2,383,130; Aug. 21.
Sulphoxy group from organic compounds containing this group, Removing the. R. Mozingo. 2,371,641; Mar. 20.
Sulphur compounds. M. de Simó and J. J. O'Connor. 2,374,983; May 1.
Sulphur compounds from hydrocarbon oils, Removal of. D. C. Bond. 2,369,771; Feb. 20.
Sulphur compounds, Organic. J. Compton. 2,388,468; Nov. 6.
Sulphur compounds, Preparing. C. M. Thacker. 2,369,377; Feb. 13.
Sulphur, Decolorizing. A. B. Menefee and H. H. Greger. 2,385,527; Sept. 25.
Sulphur dioxide and diolefines from sulphones, Recovery of. G. M. Hebbard. 2,384,376; Sept. 4.
Sulphur dioxide and low-boiling hydrocarbons from mixtures thereof, Separation of. G. W. Hooker and F. A. Landee. 2,384,378; Sept. 4.
Sulphur dioxide, Production of. A. C. Mohr. 2,391,328; Dec. 18.
Sulphur dioxide, Production of. H. F. Merriam. 2,389,071; Nov. 13.
Sulphur dioxide, Recovering. G. W. Hooker, S. C. Stowe, and L. R. Drake. 2,385,704; Sept. 25.

Sulphur dioxide recovery method. G. W. Hooker, L. R. Drake, and S. C. Stowe. 2,368,545; Jan. 30.
Sulphur dye composition and manufacture. E. D. Robinson and J. C. Boesch, Jr. 2,373,261; Apr. 10.
Sulphur dyestuffs and preparing the same. A. L. Fox. 2,369,666–7; Feb. 20.
Sulphur from gases, Extraction of. W. C. Fernelius and J. P. McReynolds. 2,386,202; Oct. 9.
Sulphur from sulphurous gases, Recovering elemental. W. W. Odell and W. D. Harbert. 2,389,810; Nov. 27.
Sulphur nitride, Preparation of. M. H. M. Arnold and W. E. Perry. 2,382,845; Aug. 14.
Sulphur, Producing. M. C. K. Jones. 2,384,926; Sept. 18.
Sulphur trioxide and catalyst therefor, Making. D. M. Hurt and C. A. Rohrmann. 2,381,908; Aug. 14.
Sulphuric acid from acid sludge, Recovery of. J. G. Lillard and R. F. Pfennig. 2,387,519; Oct. 23.
Sulphuric acid, Manufacture of. H. F. Merriam and A. M. Harkness. 2,389,070; Nov. 13.
Sulphuryl chloride production. M. N. Dvornikoff and G. E. Taylor. 2,377,217; May 29.
Summary attachment for typewriters. V. J. Ferguson. 2,378,841; June 19.
Sun visor attachment. W. P. Gisleson. 2,377,225; May 29.
Supercharged two-stroke internal-combustion engine, Reversible. W. Kilchenmann. 2,375,852; May 15.
Supercharger. G. E. Ehrling. 2,386,096; Oct. 2.
Supercharger. C. E. Sorensen. 2,366,365; Jan. 2.
Supercharger, Aircraft turbine. W. H. Allen. 2,375,202; May 8.
Supercharger arrangements, Cabin. D. F. Warner. 2,385,664; Sept. 25.
Supercharger for four-cycle gas fueled engines. R. L. Boyer. 2,375,071; May 1.
Supercharger, Liquid cooled. H. C. Hill. 2,384,251; Sept. 4.
Supercharger system, Engine. D. C. Prince. 2,379,455; July 3.
Superchargers for airplane cabins. H. J. D. McCollum. 2,374,607; Apr. 24.
Superheater. F. S. Beach. 2,368,629; Feb. 6.
Supersonic apparatus. H. C. Hayes. 2,374,637; Apr. 24.
Supervisory apparatus. W. J. McGoldrick. 2,373,255; Apr. 10.
Supervisory system and preceptive indicator therefor. R. H. Whempner. 2,389,476; Nov. 20.
Supply controlling means for furnaces and the like, Air and fuel. H. E. Blauvelt. 2,380,719; July 31.
Supply holder. H. Alfandre. 2,374,717; May 1.
Support; *See*—
Abrading machine work support.
Adjustable gauge wheel support.
Adjustable support.
Arch support.
Auxiliary electrode support.
Brake support.
Camera support.
Canopy support.
Cementitious anchorable hanger support.
Central electrode support.
Collar support.
Combination hanger support.
Conduit or pipe support.
Crusher plate support.
Display mount support.
Dress shield and crossed-tape support.
Drill bit support.
Electrode support.
End valve support.
Engine support.
Fire escape chute support.
Flexible support.
Folding support.
Hammock support.
Heddle bar support.
Heddle frame support.
Heel support.
Hinge support.
Meter testing instrument support.
Mount support.
Multiple work support.
Necktie support.
Nested furniture leg support.
Outboard motor support.
Outlet box support.
Overhead tool support.
Picker stick support.
Picture support.
Planishing hammer support.
Plant support.
Portable drill support.
Pressure vessel and support.
Railway truck brake beam support.
Reflector support.
Resilient support.
Retractable vehicle support.
Retracting support.
Rock drill support.
Shipping cradle and assembly support.
Splint support.
Spring support.
Tap-isolating conductor support.
Telephone support.
Tool suport.
Torque tube support.
Travelling work support.
Typewriter support.
Window sash support.
Work support.
Support. R. T. Borcherdt. 2,382,970; Aug. 21.
Support and contacting means, Electrode. H. L. Ratchford and H. Smithgall, Jr. 2,385,380; Sept. 25.
Support and grinder, Crankshaft. E. A. Fuglie. 2,390,933; Dec. 11.
Support and guiding means, Trailer wheel. F. E. Miner. 2,377,641; June 5.
Support arrangement for X-ray filming equipment. J. Jany. 2,372,425; Mar. 27.
Support for artificial legs, Flexible. S. J. Dew. 2,381,265; Aug. 7.
Support for brake rigging. C. L. Orr and H. W. Stertzbach. 2,384,129; Sept. 4.
Support for brassières, Shoulder. E. Johanson. 2,386,557; Oct. 9.
Support for concrete forms. F. D. Parmenter. 2,388,865; Nov. 13.
Support for flag staffs, Clamp. W. U. Watson. 2,390,760; Dec. 11.
Support for gas analysis apparatus, Manifold. G. W. Carlson. 2,391,390; Dec. 25.
Support for heat-treating containers. H. H. Harris. 2,384,617; Sept. 11.
Support for lathes, Work. L. M. Holtz. 2,381,956; Aug. 14.
Support for lens and lamps used in connection with compasses and the like, Adjustable. E. W. Esdaile. 2,388,476; Nov. 6.
Support for pendant ornaments. W. Gebauer. 2,380,104; July 10.
Support for trailers, Drop leg. R. M. Barnhart, J. C. Bennett, and P. M. Heinmiller. 2,374,320; Apr. 24.
Support for use in casting concrete floors and similar purposes, Temporary. A. H. Hawes. 2,386,161; Oct. 2.
Support for water skis, Heel. J. M. Hartman. 2,382,149; Aug. 14.
Support for welding machines, Adjustable. O. W. Winter and C. W. Middlestead. 2,377,289; May 29.
Support for writing receptacles. E. B. Atkinson. 2,371,210; Mar. 13.
Support or brace. H. Eastman. 2,389,349; Nov. 20.
Support stop, Bobbin. A. Shoesmith. 2,380,709; July 31.
Support structure, Folding. H. Howe. 2,373,760; Apr. 17.
Supporter, Trousers. J. R. Pennock. 2,367,238; Jan. 16.
Supporter, Wrist. H. Bloom. 2,369,115; Feb. 13.
Supporter, Wrist. J. C. Capossela. 2,369,210; Feb. 13.
Supporting and actuating means for vertically reciprocating members. C. Schleifer. 2,370,328; Feb. 27.
Supporting apparatus. M. Amidon, F. T. Lind, and O. P. Lindberg. 2,367,082; Jan. 9.
Supporting attachment for bifocal spectacles. A. G. Croninger. 2,370,843; Mar. 6.
Supporting clip. O. C. Eckel. 2,386,887; Oct. 16.
Supporting element. H. C. Lindelow. 2,370,052; Feb. 20.
Supporting element for aircraft. L. Arsandaux. 2,378,528; June 19.
Supporting means. A. J. Loepsinger. 2,391,467; Dec. 25.
Supporting means. J. Nash. 2,368,155; Jan. 30.
Supporting means for life preservers. H. B. White. 2,366,303; Jan. 2.
Supporting means, Trough. C. P. Boyd. 2,387,241; Oct. 23.
Supporting ring and safety closure device for fire extinguishers, Combined. C. Rousseau. 2,379,378; June 26.
Supporting the roofs or walls of underground workings. O. S. Batten. 2,371,789; Mar. 20.
Suppositorium containing insulin. B. B. A. Brahn. 2,373,625; Apr. 10.
Surf board. L. S. Howland. 2,389,729; Nov. 27.
Surface-active agents. J. B. Dickey and A. Loria. 2,369,443; Feb. 13.
Surface active agents. M. Senkus. 2,389,875; Nov. 27.
Surface active aldoside condensation products. P. L. Salzberg and J. H. Werntz. 2,374,236; Apr. 24.
Surface active materials. L. A. Gruenwald. 2,374,678; May 1.
Surface broaching machine. A. R. Grad. 2,372,825; Apr. 3.
Surface chilling means for castings. E. A. Walcher. 2,377,731; June 5.
Surface coverings, Making variegated hard. V. Spencer. 2,369,866; Feb. 20.
Surface grinding machine. P. V. Miller. 2,375,128; May 1.
Surface hardening and tempering of metal, Progressive. S. Smith. 2,382,515; Aug. 14.
Surface marking apparatus. G. Rodli and R. W. Wilson. 2,369,983; Feb. 20.
Surface marking device. R. B. Mentzer. 2,385,014; Sept. 18.
Surface ornamenting machine. N. G. Koppinger. 2,370,317; Feb. 27.
Surface sized paper product. M. O. Schur. 2,371,266; Mar. 13.
Surfaces of aluminum silicon alloys, Brightening. M. Tosterud. 2,375,394; May 8.
Surfacing apparatus. L. A. Patt. 2,370,323; Feb. 27.
Surfacing machine. R. B. Mentzer. 2,381,833; Aug. 7.
Surfacing machine. R. B. Mentzer. 2,382,940; Aug. 14.
Surfacing machine, Billet. J. L. Anderson. 2,380,569; July 31.
Surfacing material, Decorative. A. A. Glidden. 2,383,598; Aug. 28.
Surge brake for trailers. C. J. Wagner. 2,391,603; Dec. 25.
Surge preventer. I. M. White. 2,369,510; Feb. 13.
Surge valve. J. A. Muller. 2,368,769; Feb. 6.
Surgical appliance. F. Vistreich. 2,371,082; Mar. 6.
Surgical cast, cast material and method. R. Anderson. 2,373,802; Apr. 17.
Surgical cast cutter. A. J. Hood. 2,375,364; May 8.
Surgical cast or splint material, method of application, and product thereof. R. Anderson. 2,384,804; Sept. 18.
Surgical fixture. W. L. Mermis. 2,389,269; Nov. 20.
Surgical fracture apparatus. G. J. Baker, Jr. 2,373,371; Apr. 10.

Surgical instrument for bone cutting. S. B. Smith. 2,369,925; Feb. 20.
Surgical separator. M. C. Bortagaray. 2,383,705; Aug. 28.
Surveying instrument. L. Ranney. 2,373,976; Apr. 17.
Surveying wells. G. E. Nevill. 2,369,403; Feb. 13.
Suspend the structure of a vehicle on its wheels, Means to. V. Bogatich. 2,379,860; July 10.
Suspension, Coil spring. E. H. Piron. 2,378,097; June 12.
Suspension for crane booms. T. O. Davidson. 2,378,915; June 26.
Suspension for drawers or the like, Extensible. J. R. Clark. 2,376,121; May 15.
Suspension means for automatic washers. P. E. Geldhof and L. Ringe. 2,386,788; Oct. 16.
Suspension, Preparing a coating. E. A. Thurber and L. A. Wooten. 2,385,313; Sept. 18.
Sustaining the activity of reforming catalysts. C. H. Holder. 2,386,050; Oct. 2.
Swab construction. J. C. Trindl. 2,388,096; Oct. 30.
Swager, Drum. W. F. Spahr. 2,379,046; June 26.
Swaging, apparatus. F. De Fazi. 2,386,296; Oct. 9.
Swaging machine. J. L. Marsh. 2,372,507; Mar. 27.
Swaging machine. J. M. Root. 2,381,559; Aug. 7.
Swaging tool. W. R. Logan. 2,371,697; Mar. 20.
Swatter, Fly. V. J. Mueller. 2,377,439; June 5.
Sweater drier. D. C. Grant. 2,378,922; June 26.
Sweeper, Carpet. P. J. Daniels. 2,380,634; July 31.
Sweeper, Carpet. M. L. Rubin. 2,371,918; Mar. 20.
Sweeper, Floor. A. V. Bunnell. 2,374,977; May 1.
Sweetening medium from fruit, Preparation of a. A. M. Erickson and J. D. Ryan. 2,385,801; Oct. 2.
Swing bracket. P. De Bruin. 2,387,721; Oct. 30.
Swing, Child's. R. A. Dyer, Jr. 2,371,384; Mar. 13.
Swing, Child's. O. A. Watts. 2,377,058; May 29.
Swing joint. J. A. Jensen. 2,384,308; Sept. 4.
Swing joint. D. M. Phillips. 2,379,035; June 26.
Swing passage and swing seat. P. De Bruin. 2,375,087; May 1.
Swivel. J. Plum and H. B. Maris. 2,384,490; Sept. 11.

Switch: *See*—
- Antenna selector switch.
- Box switch.
- Condition responsive switch.
- Disconnect switch.
- Disconnecting switch.
- Door switch.
- Electric switch.
- Electric vacuum switch.
- Electrical switch.
- Electromagnetically operated switch.
- Flasher Switch.
- Flow responsive switch.
- Fluid operated switch.
- Fluid pressure electrical switch.
- Hand grip control switch.
- Handle-bar switch.
- Heavy duty snap switch.
- Humidity-responsive switch.
- Gravity actuated switch.
- Heat coil operated thermal switch.
- Ignition switch.
- Interrupter switch.
- Jack switch.
- Latched-in magnetic switch
- Light indicating switch.
- Limit switch.
- Liquid level switch.
- Mercury tube switch.
- Modulating condition responsive switch.
- Phonograph switch.
- Power line transfer and disconnect switch.
- Pressure responsive switch.
- Pressure switch.
- Resistance switch.
- Rotary electric switch.
- Safety cutoff switch.
- Sealed switch.
- Selector switch.
- Shockproof switch.
- Signal switch.
- Single throw hill and valley switch.
- Slow break electric switch.
- Snap-acting switch.
- Snap action switch.
- Snap switch.
- Speed responsive switch.
- Submergible switch.
- Thermal switch.
- Tilt-type lever-operated switch.
- Time-controlled electric switch.
- Time-delay relay switch.
- Timer switch.

Switch. G. C. Armstrong. 2,372,045; Mar. 20.
Switch. A. E. Baak. 2,371,669; Mar. 20.
Switch. J. F. Beal. 2,372,541; Mar. 27.
Switch. J. W. Lawson. 2,377,250; May 29.
Switch. J. W. Lawson. 2,385,629; Sept. 25.
Switch. J. O. Moorhead. 2,381,835; Aug. 7.
Switch. J. S. Nunes. 2,389,075; Nov. 13.
Switch. E. T. Platz. 2,374,778; May 1.
Switch. E. T. Platz. 2,385,727; Sept. 25.
Switch. H. Thorpe, Jr. 2,378,514; June 19.
Switch actuating mechanism. R. W. Goff. 2,369,964; Feb. 20.
Switch and the like, Pressure responsive cutout. L. C. Pierson. 2,371,648; Mar. 20.
Switch apparatus, Selective electric. M. H. Shoenberg. 2,372,988; Apr. 3.
Switch assemblage. W. C. Furnas, E. B. Schumacher, and R. S. Kercher. 2,388,784; Nov. 13.
Switch assemblage. W. C. Furnas and D. G. Spotts. 2,388,783; Nov. 13.
Switch assembly. J. N. Gilman and C. C. Ross. 2,385,356; Sept. 25.
Switchboard, Manual. E. I. Engquist. 2,366,604; Jan. 2.
Switchboard system. L. F. Porter. 2,379,987; July 10.
Switch circuit for automatic telephone system, Selector. H. E. Grimes. 2,391,414; Dec. 25.
Switch construction. E. A. Link. 2,376,793; May 22.
Switch control mechanism. J. H. Horman. 2,385,626; Sept. 25.
Switch control station, Push-button. C. F. Robbins. 2,370,877; Mar. 6.
Switch control mechanism. T. M. Ball. 2,380,491–4; July 31.
Switch construction. E. A. Link. 2,388,617; Nov. 6.
Switch construction. G. R. Runke. 2,388,620; Nov. 6.
Switch device, Hand grip. T. Obszarny. 2,381,077; Aug. 7.
Switch for calculating machines, Control. T. O. Mehan. 2,377,707; June 5.
Switch for discharge lamps, Electric. F. D. Bryant. 2,387,055; Oct. 16.
Switch for electric arc welding, Step-up. R. E. Smith. 2,376,827; May 22.
Switch for fluorescent lamp starters, Lock-out. L. W. Cook. 2,391,680; Dec. 25.
Switch for starting discharge devices, Glow. N. De Toro. 2,376,669; May 22.
Switchgear, Electric. F. W. Reilly. 2,374,702; May 1.
Switchgear, Electric. F. W. Reilly. 2,374,703; May 1.
Switchgear for explosive atmospheres. J. E. Bevan. 2,376,471; May 22.
Switchgear, Metal enclosed. H. H. Rugg. 2,379,188; June 26.
Switch manipulator, Decorative. H. E. Moyses. 2,382,738; Aug. 14.
Switch mechanism. O. H. Kaminky. 2,379,305; June 26.
Switch mechanism. E. P. Meyer. 2,370,479; Feb. 27.
Switch mechanism. R. Popp. 2,378,655; June 19.
Switch mechanism, Correlative thermostatic. G. W. Crise. 2,383,533; Aug. 28.
Switch mechanism, Double-throw. L. Pierce. 2,385,026; Sept. 18.
Switch mounting for electric drills. F. P. Forss. 2,383,379; Aug. 21.
Switch operating apparatus, Railway. H. L. Bone. 2,380,820; July 31.
Switch operating apparatus, Railway. H. L. Bone. 2,388,819; Nov. 13.
Switch operating device. R. S. Edwards. 2,391,231; Dec. 18.
Switch operating device. B. Schoenberg. 2,382,823; Aug. 14.
Switch operating mechanism. T. M. Cole. 2,379,130; June 26.
Switch operating mechanism. N. H. Westervelt. 2,378,270; June 12.
Switch or telephone contact, Telephone. G. H. McLoughlin. 2,384,948; Sept. 18.
Switch unit. B. E. Shaw. 2,385,887; Oct. 2.
Switches and circuit breakers, Operating mechanism for toggle type. F. B. Adam. 2,368,083; Jan. 30.
Switches, Control of electric. J. P. Fraps. 2,368,461; Jan. 30.
Switches, Control of electric. H. E. Strang. 2,380,802; July 31.
Switching and control mechanism, Impulse. P. E. Fischler and J. Nathansohn. 2,388,733; Nov. 13.
Switching apparatus. B. D. Willis. 2,389,571; Nov. 20.
Switching device, Mechanical. J. Huber. 2,375,416; May 8.
Switching mechanism. L. B. Harris. 2,371,167; Mar. 13.
Switching system, Electronic. C. C. Shumard. Re. 22,672; Aug. 28.
Switching system, Facsimile. G. H. Ridings and F. L. Currie. 2,374,704; May 1.
Swivel. C. Miller and G. W. Tippie. 2,387,599; Oct. 23.
Swivel chair. G. M. Grill. 2,390,215; Dec. 4.
Swivel, Electric. O. Gilbertson. 2,387,015; Oct. 16.
Swivel joint. L. C. Rotter and V. G. Klein. 2,378,329; June 12.
Swivel pipe coupling. F. M. Allen and C. B. Taylor. 2,384,360; Sept. 4.
Swivel wheel mounting. N. C. Koester, H. A. Benzel, and R. D. Ledwin. 2,366,268; Jan. 2.
Synchromesh transmission. C. A. Neracher and W. T. Dunn. 2,369,842–3. Feb. 20.
Synchromesh transmission. O. W. Schotz. 2,369,861; Feb. 20.
Synchronized drive. R. Blow. 2,371,023; Mar. 6.
Synchronized hydraulic control valve. J. S. Thompson. 2,369,324; Feb. 13.
Synchronizer, Blocker. J. G. Tyken. 2,380,559; July 31.
Synchronizer for oscillators. R. L. Campbell. 2,389,025; Nov. 13.
Synchronizer, Hydraulic. G. W. Butrovich and C. E. Deardorff. 2,376,320; May 22.
Synchronizing and control system, Power line. M. J. Brown. 2,367,925; Jan. 23.
Synchronizing and phrasing system. G. V. Nolde. 2,380,542; July 31.
Synchronizing arrangement. G. Wegener and W. Schepp-mann. 2,369,625; Feb. 13.
Synchronizing clutch. C. D. Peterson and R. R. Burkhalter. 2,391,268; Dec. 18.
Synchronizing device. M. Artzt. 2,383,360; Aug. 21.
Synchronizing generator. R. E. Kessler. 2,384,931; Sept. 18.
Synchronizing means for electric motors. R. J. Jasse. 2,387,588; Oct. 23.
Synchronizing system. F. R. Brick. 2,372,762; Apr. 3.
Synchronizing system. F. R. Dennis and E. P. Felch, Jr. 2,369,663; Feb. 20.

Synchronizing system, Coarse and fine frequency. A. M. Nicolson. 2,369,153; Feb. 13.
Synchronizing the pictures and the sound of independently arranged picture- and needle-sound-reproduction devices. H. Westerkamp. 2,378,611; June 19.
Synchronous motor. W. M. Jeffers. 2,378,556; June 19.
Synchronous motor time meter. A. Wiedemeier. 2,384,581; Sept. 11.
Syneresis of methyl cellulose, Reducing. P. R. Wenck. 2,377,834; June 5.
Synthesis of ethers of vitamin A. N. A. Milas. 2,382,086; Aug. 14.
Synthesis of vitamin A. N. A. Milas. 2,382,085; Aug. 14.
Synthesis of wound hormone. J. English, Jr., J. Bonner, and A. J. Haagen-Smit. 2,391,824; Dec. 25.
Synthetic camphor, Manufacture of. F. Schwartz. 2,389,389; Nov. 20.
Synthetic compositions. G. F. D'Alelio. 2,377,868; June 12.
Synthetic hydrated magnesium silicate decolorizing material, Improving the decolorizing properties of a. A. Greentree. 2,367,496; Jan. 16.
Synthetic menthol, Making. A. Ofner and E. C. Kunz. 2,366,749; Jan. 9.
Synthetic poppet valve. C. J. Shuler. 2,368,887; Feb. 6.
Synthetic process for preparing hydrocarbons, particularly gasoline. J. Elian. 2,369,548; Feb. 13.
Synthetic products having molecularly oriented structure. G. F. D'Alelio. 2,366,495; Jan. 2.
Synthetic rubber article and making, Dipped. J. R. Gammeter and M. J. Vassel. 2,371,883; Mar. 20.
Synthetic rubber compositions. A. V. Roberts. 2,391,742; Dec. 25.
Syringe. H. H. Beasley. 2,372,469; Mar. 27.
Syringe. M. L. Folkman. 2,390,246; Dec. 4.
Syringe. P. S. Madsen and A. A. Arnold. 2,378,718; June 19
Syringe. C. V. R. Mejia. 2,374,368; Apr. 24.
Syringe. F. S. Parrigin. 2,386,001; Oct. 2.
Syringe. J. Vondrak. 2,375,711; May 8.
Syringe. A. J. Williams. 2,383,280; Aug. 21.
Syringe, Dental hydrocolloid. M. J. Thompson. 2,381,785; Aug. 7.
Syringe device. A. E. Smith. 2,380,556; July 31.
Syringe for medical purposes. F. Lautenschläger. 2,375,929; May 15.
Syringe, Front loading. A. E. Smith. 2,368,432; Jan. 30.
Syringe, Hydrocolloid dispensing. M. J. Thompson. 2,370,759; Mar. 6.
Syringe, Hypodermic. E. M. Lewis. 2,369,304; Feb. 13.
Syringe, Hypodermic. L. Wallin. 2,373,520; Apr. 10.
Syringe unit, Hypodermic. E. Henderson. 2,388,323; Nov. 6.
System and apparatus for determining the distribution of the load in an aircraft. E. W. Schlieben, A. S. Ogden, and I. Berler. 2,373,504; Apr. 10.
System and apparatus for distributing liquid solutions. S. A. Hayes. 2,381,589; Aug. 7.
System and apparatus for measuring cloud height and thickness. S. A. Scherbatskoy. 2,390,739; Dec. 11.
System and device for controlling thermal gas turbine motive units. M. H. L. Sedille. 2,372,686; Apr. 3.
System for controlling charging of storage batteries. S. K. Lessey. 2,385,455; Sept. 25.
System for gas analysis. W. M. Zaikowsky. 2,370,703; Mar. 6.
System for generating steam. J. P. Badenhausen. 2,384,587; Sept. 11.
System for geological exploration by elastic waves. F. Rieber. 2,377,903; June 12.
System for plugging pipe leaks. F. Nelson. 2,377,643; June 5.
System for storage batteries, Regulating. B. S. Weaver and D. E. Garr. 2,390,818; Dec. 11.
System for the transmission of angular notions. F. V. Johnson. 2,388,977; Nov. 13.
System for vaporizing crude oil for use as a fuel for internal-combustion engines and converters functionable therein. L. Landers, Jr. 2,384,472–3; Sept. 11.
System for weather-stripping sliding sash windows. D. P. Robertson. 2,367,616; Jan. 16.
System of communication by mean of electrical waves. E. H. Ullrich. 2,381,847; Aug. 7.
System of electric distribution. A. E. Anderson. 2,385,181; Sept. 18.
T-head columns, Forming. J. J. Fox. 2,387,134; Oct. 16.
Tab and supporting strip, Index. W. E. Figuccion. 2,370,527; Feb. 27.
Table: *See*—
- Billiard table.
- Card table.
- Caster table.
- Chiropractic adjustment table.
- Cleat turner and grading table.
- Combination science table.
- Dining table.
- Editing table.
- Extension-leaf table.
- Folding table.
- Inspection table.
- Ironing table.
- Manual tilt table.
- Over-bed table.
- Shirt folder table.
- Stretching table.
- Tray supporting table.

Table. C. W. Attwood. 2,380,379; July 31.
Table. W. F. Breen and M. B. Good. 2,389,022; Nov. 13.
Table and attachment therefor, Cutting. B. Lang. 2,373,968; Apr. 17.
Table and benches, Combined. W. C. Demmien. 2,367,011; Jan. 9.
Table and chair, Combination extension. E. Walker. 2,383,831; Aug. 28.
Table and like furniture, Adjustable. R. H. James. 2,378,852; June 19.
Table attachment, Pool. R. J. Henry. 2,380,756; July 31.
Table construction. R. See. 2,368,382; Jan. 30.
Table cover panel and retaining means therefor. S. Kirsch. 2,367,948; Jan. 23.
Table for casing punch presses, Rotatable. R. Frederick. 2,374,596; Apr. 24.
Table for handling eggs, Work. W. E. Mitton. 2,389,630; Nov. 27.
Table leg, Folding. E. H. Mayer. 2,385,717; Sept. 25.
Table mounting for vegetable peelers, Rotary. M. G. McClung. 2,374,443; Apr. 24.
Table pad. J. F. Wellman. 2,374,156; Apr. 17.
Table structure. C. L. Dewey. 2,369,140; Feb. 13.
Table tennis ball manufacture. G. H. Perryman. 2,378,034; June 12.
Table top, Ventilated wooden ironing. H. B. and T. H. Fay. 2,386,045; Oct. 2.
Tablet and dissolving same. W. A. Compton and J. M. Treneer. 2,387,244; Oct. 23.
Tablet and packaging same. W. F. Wilhelm. 2,386,416; Oct. 9.
Tablet box. W. F. Punte. 2,391,347; Dec. 18.
Tablets, Fruit and vegetable. J. A. Bruce. 2,366,591; Jan. 2.
Tablets, Making coffee. W. W. Willison. 2,371,093; Mar. 6.
Tabulating and accounting machine. J. Mueller. 2,381,361; Aug. 7.
Tabulation control system. L. M. Potts. 2,390,664; Dec. 11.
Tabulator. A. F. Turner. 2,387,863; Oct. 30.
Tackle, Fishing. F. E. Kelly. 2,391,167; Dec. 18.
Tag or the like, Hotel. G. J. Evalt. 2,385,778; Oct. 2.
Tag, Seal. E. A. and J. H. Conaway. 2,372,811; Apr. 3.
Tagline device. R. W. Westfall. 2,367,912; Jan. 23.
Tail gate. V. H. Palisano and S. Mentecki. 2,374,697; May 1.
Tail section for chain conveyers. A. R. and J. B. Long. 2,386,619; Oct. 9.
Tailstock clamp. B. R. Purvin. 2,368,877; Feb. 6.
Tailstock for lathes. W. F. Groene. 2,391,154; Dec. 18.
Tailstock for milling machines. E. Moen. 2,374,448; Apr. 24.
Tailstock lock. W. M. McConnell. 2,368,032; Jan. 23.
Tail structure for aircraft. O. J. Kenyon. 2,376,780; May 22.
Take-up apparatus. A. C. Frankwich. 2,391,088; Dec. 18.
Take-up for sewing machines, Rotary. A. N. Hale. 2,371,518; Mar. 13.
Take-up for sewing machines, Rotary. F. Parry. 2,366,648; Jan. 2.
Take-up for twist lace machines. A. E. Hunter. 2,382,230; Aug. 14.
Take-up mechanism for sewing machines, Rotary. S. Zonis. 2,385,960; Oct. 2.
Tamper for cigarette machine feeders. R. Thompson. 2,388,772; Nov. 13.
Tamping apparatus. J. Kalix. 2,384,469; Sept. 11.
Tandem axle vehicle. A. L. Ayers. 2,390,912; Dec. 11.
Tank: *See*—
- Battle tank.
- Droppable fuel tank.
- Emergency gasoline tank.
- Fuel tank.
- Glass tank.
- Portable storage tank.
- Pressure storage tank.
- Reinforced concrete tank.
- Self-sealing fuel tank.
- Septic tank.
- Stack hung flush tank.
- Storage tank.
- Treating tank.
- Underground storage tank
- Pressure tank.

Tank. E. Otzmann. 2,378,945; June 26.
Tank. M. Shankman. 2,374,240; Apr. 24.
Tank. M. Skolnik. 2,373,270; Apr. 10.
Tank and fuel system for aircraft, Safety. W. W. Paget. Re. 22,668; Aug. 21.
Tank and other vehicles, Insulated military. J. L. Reynolds. 2,389,579; Nov. 20.
Tank and support means, Flexible. R. C. Blaylock and H. R. Berrisford. 2,373,221; Apr. 10.
Tank and support therefor, Horizontal. W. A. Sandberg. 2,375,442; May 8.
Tank car. W. R. Gerges. 2,367,018; Jan. 9.
Tank circuit. I. E. Mouromtseff and G. M. Dinnick. 2,389,271; Nov. 20.
Tank construction. E. J. Ballintine. 2,384,067; Sept. 4.
Tank construction. H. D. Kelley. 2,370,799; Mar. 6.
Tank construction, Armored. W. A. Cost. 2,389,028; Nov. 13.
Tank draining and transferring device, Airplane fuel. R. J. Henry. 2,376,874; May 29.
Tank for aircraft, Liquid fuel. J. E. Coxon, F. Lindsley, and G. E. Shelley. 2,383,532; Aug. 28.
Tank for roll films, Developing. E. A. Nichols. 2,367,424; Jan. 16.
Tank gauge and filling device. S. F. Czerner. 2,387,011; Oct. 16.
Tank lock. A. M. Malluk. 2,375,671; May 8.

Tank outlet fitting and elbow, Toilet. J. C. Owens. 2,372,848; Apr. 3.
Tank structures, Septic. I. Gutman and G. E. Evans. 2,384,994; Sept. 18.
Tank system, Fireproof fuel. B. Walker. 2,375,834; May 15.
Tank track and method and apparatus for making same. G. I. McNeil. 2,375,170; May 1.
Tank truck bottom loading and discharge means. H. C. Krone and W. Meyer. 2,384,628; Sept. 11.
Tank vent valve. C. A. Ellis. 2,371,961; Mar. 20.
Tanks and resonant cavities, High frequency. S. A. Schelkunoff. 2,372,228; Mar. 27.
Tanks, Making hot-water. W. G. Martin. 2,384,324; Sept. 4.
Tanks, Method and apparatus for banding. J. M. Crom. 2,370,780; Mar. 6.
Tanks, Method of and apparatus for banding. J. M. Crom. 2,372,060; Mar. 20.
Tanks, Outlet flange for. C. M. Wickstrum. 2,391,373; Dec. 18.
Tanning. E. C. Ladd. 2,367,589; Jan. 16.
Tanning material, Production of synthetic. J. Seidel and H. Weber. 2,387,619; Oct. 23.
Tanning solutions and making and using the same, Chrome. H. B. Channon. 2,382,204; Aug. 14.
Tap. F. A. Lanfranconi. 2,390,950; Dec. 11.
Tap. J. A. E. Romanoski. 2,389,548; Nov. 20.
Tap, Hollow. E. M., E. M., Jr., and J. M. Tucker. 2,388,022; Oct. 30.
Tap-isolating conductor support. P. G. Whitmore. 2,372,995; Apr. 3.
Tap, Trigger type collapsing. W. J. Hogg. 2,381,448; Aug. 7.
Tapped stator winding. J. L. Fuller. 2,377,930; June 12.
Tapping. E. M. Boehmler. 2,388,779; Nov. 13.
Tapping attachment, Automatic. H. Keeling and F. Mummert. 2,375,662; May 8.
Tapping machine. C. M. Allen. 2,380,367; July 31.
Tape and reinforcing. H. J. Stuart. 2,387,416; Oct. 23.
Tape applying machine. J. Fossa. 2,383,539; Aug. 28.
Tape attachment, Flexible measuring. H. Hambrick. 2,371,441; Mar. 13.
Tape, Calking. A. Coutlee. 2,385,612; Sept. 25.
Tape dispenser. J. S. Stull. 2,384,575; Sept. 11.
Tape-dispensing machine. A. P. Krueger. 2,388,332; Nov. 6.
Tape distribution system. L. M. Potts. 2,384,194; Sept. 4.
Tape for adjustable fasteners. L. Roseman. 2,370,754; Mar. 6.
Tape for slide fasteners. L. L. Jones. 2,373,835. Apr. 17.
Tape for use in manufacture of lamp shades. H. Dent. 2,372,814; Apr. 3.
Tape, Insulating. J. N. Borglin. 2,367,663; Jan. 23.
Tape, Insulating. O. J. Rudolph. 2,366,291; Jan. 2.
Tape, Luminescent adhesive. F. C. Hilberg. 2,387,512; Oct. 23.
Tape message container. L. M. Potts. 2,377,573; June 5.
Tape, Method and apparatus for dispensing gummed. R. E. Engberg. 2,382,406; Aug. 14.
Tape moistening device. A. Burckhardt. 2,371,871; Mar. 20.
Tape perforator with manually controlled tape perforating operation, Record controlled. C. R. Doty. 2,372,887; Apr. 3.
Tape processing machine. E. H. Brown. 2,371,799; Mar. 20.
Tape reel. W. R. Gemmel. 2,381,535; Aug. 7.
Tape serving machine. T. H. Krueger. 2,370,671; Mar. 6.
Tapes for slide fasteners, Producing stringer. L. Campbell. 2,380,939; Aug. 7.
Tapes, Method and apparatus for preparing highly legible. A. W. Keuffel and H. F. Schermerhorn. 2,374,356; Apr. 24.
Taping machine. C. Hess. 2,372,780; Apr. 3.
Taper cutting attachment tool. S. H. Vinner. 2,378,811; June 19.
Taper gauge. T. O. Rueb. 2,380,792; July 31.
Tapered end strand mass. J. H. Garrott. 2,380,038; July 10.
Tapper cutting adjustment for lathes. D. O. Truba and E. T. Liller. 2,372,916; Apr. 3.
Tappett, Hydraulic. R. W. Jenny and H. E. Gille. 2,386,317; Oct. 9.
Tar acids for the selective removal of acidic contaminants, Treatment of crude. H. G. Cooper and F. M. Thatcher. 2,369,022; Feb. 6.
Tars and like substances, Emulsification of. E. Arnold. 2,372,924; Apr. 3.
Tare poise control mechanism. E. J. Lynch. 2,376,608; May 22.
Target, Bombing. P. J. Rich and J. W. Griesinger. 2,382,442; Aug. 14.
Target locating device. O. A. Vielehr, C. G. Umsted, and A. P. Good. 2,368,691; Feb. 6.
Target, Luminescent. J. C. Cook. 2,372,359; Mar. 27.
Target release device, Airplane tow. A. E. Brickman. 2,382,854; Aug. 14.
Tartaric acid values, Preparations of. S. Soltzberg. 2,380,196; July 10.
Taste and odor removal from organic compounds. H. C. Hetherington. 2,388,148; Oct. 30.
Teaching device. A. J. Marsh. 2,385,093; Sept. 18.
Teaching device. M. G. McGowan. 2,386,624; Oct. 9.
Teeth, Fluorescent artificial. F. A. Slack, Jr. 2,377,382; June 5.
Teeth, Making artificial. J. A. Saffir. 2,391,106; Dec. 18.
Telecentric lens system. H. F. Bennett. 2,380,210; July 10.
Telecommunication exchange system, Automatic. G. C. Hartley. 2,376,771; May 22.
Telecommunication system. G. Deakin. 2,376,346; May 22.
Telecommunication system. G. Deakin. 2,380,950; Aug. 7.
Telegraph apparatus. F. Warburton. 2,371,367; Mar. 13.
Telegraph apparatus, Printing. H. M. Anderson. 2,381,566; Aug. 7.
Telegraph code converter. A. F. Connery and E. R. C. Coe. 2,379,865; July 10.
Telegraph code recorder. H. E. Beste. 2,391,082; Dec. 18.
Telegraph exchange system. E. A. Demonet and W. B. Blanton. 2,387,246; Oct. 23.
Telegraph exchange system, Satellite. K. E. Fitch, W. V. K. Large, and C. W. Lucek. 2,390,656; Dec. 11.
Telegraph key. J. F. MacAdam. 2,373,132; Apr. 10.
Telegraph perforator-transmitter. R. D. Parker and A. Weaver. 2,382,251; Aug. 14.
Telegraph printer. R. F. Dirkes, J. W. Long, T. E. Melick, and E. W. Hewitt. 2,375,541; May 8.
Telegraph signal transmission system. M. Morrison. 2,380,666; July 31.
Telegraph signaling system. H. Nyquist. 2,386,566; Oct. 9.
Telegraph station selector system. F. S. Kinkead and J. A. Krecek. 2,369,578; Feb. 13.
Telegraph switching system. D. E. Branson. 2,382,128; Aug. 14.
Telegraph switching system. F. S. Kinkead and W. Y. Lang. 2,375,794; May 15.
Telegraph switching system. W. J. Zenner. 2,380,007; July 10.
Telegraph system. W. M. Bacon. 2,376,111; May 15.
Telegraph system. F. H. Hanley. 2,376,248; May 15.
Telegraph system. F. H. Hanley. 2,383,788; Aug. 28.
Telegraph system. F. S. Kinkead. 2,379,910; July 10.
Telegraph system. L. M. Potts. 2,386,004; Oct. 2.
Telegraph system and apparatus, Facsimile. G. H. Ridings and R. J. Wise. 2,386,263; Oct. 9.
Telegraph system, Carrier-current. M. Morrison. 2,370,985; Mar. 6.
Telegraph system, Facsimile. A. E. Thompson and R. D. Salmon. 2,368,387; Jan. 30.
Telegraph system, High-speed. H. A. Burgess. 2,379,880; July 10.
Telegraph system, Party line printing. L. A. Gardner and K. W. Richards. 2,373,675; Apr. 17.
Telegraph system, Party-line printing. L. A. Gardner and K. W. Richards. 2,388,136; Oct. 30.
Telegraph system, Selective. W. Y. Lang. 2,377,890; June 12.
Telegraph tape transmitter. R. Steeneck. 2,377,978; June 12.
Telegraph transmitter. M. T. Goetz. 2,388,965; Nov. 13.
Telegraph transmitter system, Automatic. W. M. Bacon. 2,369,935; Feb. 20.
Telegraphic transmission apparatus. H. E. Brain. 2,382,127; Aug. 14.
Telegraphy. L. M. Potts. Re. 22,592; Jan. 16.
Telegraphy-practicing device. P. P. Shaw. 2,366,154; Jan. 2.
Telemeter system. G. S. Lunge. 2,375,668; May 8.
Telemetering device, Wind direction and velocity. L. Hillman. 2,375,227; May 8.
Telemetering arrangement. T. R. Rayner and G. A. Burns. 2,389,275; Nov. 20.
Telemetering flight test data, Method and apparatus for. J. J. Dickson and O. R. Rogers. 2,378,395; June 19.
Telemetering system. F. G. Kelly. 2,372,002; Mar. 20.
Telemetering system. E. M. S. McWhirter and C. H. Chambers. 2,372,593; Mar. 27.
Telemetering system and apparatus. R. G. Jewell. 2,380,242; July 10.
Telemetering system, Pneumatic. E. H. Hart. 2,390,301; Dec. 4.
Telemetering system, Totalizing. H. D. Middel 2,389,449; Nov. 20.
Telemetric device. O. R. Miller. 2,381,920; Aug. 14.
Telephone answering system, Automatic. E. L. Peterson and G. W. Papenmeyer. 2,376,272; May 15.
Telephone booth. G. R. Lum. 2,371,968; Mar. 20.
Telephone call transmitter. O. A. Shann. 2,370,264; Feb. 27.
Telephone coupling apparatus. C. W. Dann. 2,384,604; Sept. 11.
Telephone exchange system. G. Deakin. 2,385,968; Oct. 2.
Telephone exchange system, Automatic and semi-automatic. G. Deakin. 2,381,727; Aug. 7.
Telephone objective. G. H. Aklin. 2,380,207; July 10.
Telephone or like system. C. Gillings and C. E. Beale. 2,383,541; Aug. 28.
Telephone or like system. C. Gillings and P. E. A. Cowley. 2,380,232; July 10.
Telephone or like system. L. J. Murray. 2,387,525; Oct. 23.

Telephone or like system. R. Taylor and G. T. Baker. 2,369,086; Feb. 6.
Telephone set, Key-equipped. S. T. Curran. 2,387,719; Oct. 30.
Telephone station circuit. W. H. Edwards and O. A. Shann. 2,372,262; Mar. 27.
Telephone substation circuit. R. H. Herrick. 2,369,144; Feb. 13.
Telephone substation circuit. R. H. Herrick. 2,369,351; Feb. 13.
Telephone support. A. J. Balkins. 2,382,125; Aug. 14.
Telephone system. P. Bakker. 2,375,514; May 8.
Telephone system. P. Bakker. 2,389,290; Nov. 20.
Telephone system. H. W. Balzer. 2,367,635; Jan. 16.
Telephone system. H. M. Bascon, M. C. Goddard, and J. G. Walsh. 2,372,353; Mar. 27.
Telephone system. W. M. Beaumont. 2,374,072; Apr. 17.
Telephone system. K. L. Burgener. 2,391,389; Dec. 25.
Telephone system. D. A. Christian and W. H. J. Dibben. 2,377,314; June 5.
Telephone system. M. C. Goddard. 2,367,769; Jan. 23.
Telephone system. M. E. Griffins and I. Molnar. 2,371,989; Mar. 20.
Telephone system. E. J. Hayes. 2,383,794; Aug. 28.
Telephone system. G. Hecht. 2,370,403; Feb. 27.
Telephone system. R. H. Herrick. 2,369,352; Feb. 13.
Telephone system. R. H. Herrick. 2,389,666; Nov. 27.
Telephone system. R. E. Hersey. 2,384,620; Sept. 11.
Telephone system. F. A. Hubbard. 2,386,609; Oct. 9.
Telephone system. K. S. Johnson. 2,387,269; Oct. 23.
Telephone system. L. E. Kittredge. 2,370,736; Mar. 6.
Telephone system. C. E. Lomax. 2,377,562; June 5.
Telephone system. C. E. Lomax. 2,386,126; Oct. 2.
Telephone system. C. E. Lomax and P. Bakker. 2,385,715; Sept. 25.
Telephone system. H. P. Mahoney. 2,386,130; Oct. 2.
Telephone system. W. A. Malthaner. 2,388,488; Nov. 6.
Telephone system. B. McKim and O. Myers. 2,382,893; Aug. 14.
Telephone system. I. Molnar. 2,381,769; Aug. 7.
Telephone system. I. Molnar. 2,385,720; Sept. 25.
Telephone system. H. N. Newstedt. 2,375,678; May 8.
Telephone system. J. E. Ostline. 2,366,647; Jan. 2.
Telephone system. J. E. Ostline. 2,369,071; Feb. 6.
Telephone system. J. E. Ostline. 2,373,908; Apr. 17.
Telephone system. J. E. Ostline. 2,385,228; Sept. 18.
Telephone system. C. S. Rhoads. 2,375,136; May 1.
Telephone system. C. S. Rhoads. 2,377,453; June 5.
Telephone system. C. S. Rhoads. 2,379,456; July 3.
Telephone system. H. H. Schroeppel. 2,367,062; Jan. 9.
Telephone system. H. T. Stenhammer. 2,384,775; Sept. 11.
Telephone system. R. Taylor and G. T. Baker. 2,369,868; Feb. 20.
Telephone system. J. G. Walsh. 2,374,964; May 1.
Telephone system. J. Wicks and H. W. Balzer. 2,367,634; Jan. 16.
Telephone or like system. D. A. Christian and D. P. Long. 2,375,622; May 8.
Telephone or like system. C. Gillings and C. E. Beale. 2,376,352; May 22.
Telephone, Portable. J. L. Long. 2,377,162; May 29.
Telephone, Prism. M. W. Dunning. 2,375,634; May 8.
Telephone set. H. F. Obergfell. 2,375,681; May 8.
Telephone set. O. A. Shann. 2,374,962; May 1.
Telephone station circuit. K. S. Johnson. 2,375,791; May 15.
Telephone system, Distant talking loudspeaker. H. F. Hopkins. 2,385,279; Sept. 18.
Telephone system, Field. F. A. Leibe. 2,376,367; May 22.
Telephone system, Multiexchange automatic. P. Bakker. 2,366,232; Jan. 2.
Telephone system, Selective ringing. C. G. Miller. 2,388,071; Oct. 30.
Telephone system, Special service. O. A. Friend. 2,370,239; Feb. 27.
Telephone system, Watchman supervisory automatic. B. A. Wallace. 2,379,556; July 3.
Telephone transmission system and apparatus therefor. C. W. Carter, Jr. 2,390,869; Dec. 11.
Telephone unit. C. S. Linell. 2,371,453; Mar. 13.
Telephoto lens. G. H. Aklin. 2,378,170; June 12.
Telephoto objective. W. B. Rayton and L. M. Hudson. 2,390,387; Dec. 4.
Teleprinter. G. Ehrenberg. 2,375,902; May 15.
Telescope mount. W. R. Weaver. 2,368,954; Feb. 6.
Telescope sight mount. H. S. White. 2,385,176; Sept. 18.
Telescopic members, Reciprocal. E. E. Franz. 2,374,595; Apr. 24.
Telescopic shock absorber, Liquid damped. P. W. Thornhill. 2,379,388; June 26.
Telescopic structure. F. W. Odin. 2,376,716; May 22.
Telescopic structure. F. W. Odin. 2,391,101; Dec. 18.
Teletypewriter control system. R. J. Anspach and C. R. Walker. 2,375,064; May 1.
Teletypewriter exchange system. J. A. Krecek. 2,368,666; Feb. 6.
Teletypewriter exchange system. C. W. Lucek. 2,368,715; Feb. 6.
Teletypewriter switching system, Satellite. W. V. K. Large. 2,375,856; May 15.
Teletypewriter switching system, Satellite. W. V. K. Large and F. J. Singer. 2,372,329; Mar. 27.
Teletypewriter synchronizing arrangement. W. B. Martin. 2,375,125; May 1.
Teletypewriter testing system. A. R. Bonorden. 2,387,558; Oct. 23.
Television amplifier circuit. K. Schlesinger. 2,366,358; Jan. 2.
Television apparatus. E. I. Anderson. 2,366,307; Jan. 2.
Television apparatus. A. N. Goldsmith. 2,384,260; Sept. 4.
Television apparatus. G. Patterson, Jr. 2,388,761; Nov. 13.
Television apparatus. G. Zanarini. 2,369,631; Feb. 13.
Television apparatus, Stereoscope. H. J. De N. McCollum. 2,388,170; Oct. 30.
Television, Color. G. C. Sziklai. 2,386,074; Oct. 2.
Television film recording and projection. T. T. Goldsmith, Jr. 2,373,114; Apr. 10.
Television in colors, System of. G. Valensi. 2,375,966; May 15.
Television method and apparatus. H. Haldeman-Julius 2,367,272; Jan. 16.
Television method and arrangement for carrying out the same. H. Wolff. 2,376,645; May 22.
Television pickup control system. G. L. Beers. 2,383,365; Aug. 21.
Television pick-up tube. R. Behne and W. Buhs. 2,374,914; May 1.
Television receiver. F. Okolicsanyi. 2,371,643; Mar. 20.
Television receiver. A. H. Rosenthal. Re. 22,628; Apr. 10.
Television scanning system. J. C. Wilson. 2,384,717; Sept. 11.
Television system. R. E. Graham. 2,378,547; June 19.
Television system. G. E. Sleeper. 2,389,645–6; Nov. 27.
Television system. K. R. Wendt. 2,381,238; Aug. 7.
Television system, Color. A. N. Goldsmith. 2,389,039; Nov. 13.
Television system, Color. G. W. Huffnagle. 2,389,979; Nov. 27.
Television transmitting apparatus. O. H. Schade. 2,368,884; Feb. 6.
Television transmitting system. O. H. Schade. 2,370,425; Feb. 27.
Television transmitting system. O. H. Schade. 2,377,972; June 12.
Television view finder. G. L. Beers. 2,384,232; Sept. 4.
Temperature compensated capacitor and reactance. S. Heyman. 2,383,480; Aug. 28.
Temperature compensated gauge. A. C. Ruge. 2,390,038; Nov. 27.
Temperature compensated inductance. J. B. Moore. 2,366,639; Jan. 2.
Temperature compensated tuned circuit. J. F. Bell. 2,371,790; Mar. 20.
Temperature compensating device for fluid-containing apparatus. G. Amery. 2,367,707; Jan. 23.
Temperature compensating means, Relay. J. E. Willing and R. J. Little. 2,366,992; Jan. 9.
Temperature compensator for pressure responsive devices. P. F. Shivers. 2,366,566; Jan. 2.
Temperature control. D. F. Alexander. 2,372,307; Mar. 27.
Temperature control. M. R. Eastin. 2,366,500; Jan. 2.
Temperature control apparatus. K. Lutomirski. 2,386,-903; Oct. 16.
Temperature control by overhead ventilation. T. J. Lehane and E. H. Burgess. 2,389,860; Nov. 27.
Temperature control for electric heating. W. Richter. 2,381,310; Aug. 7.
Temperature control for hydrocarbon oil processing. L. F. Dowding. 2,389,604; Nov. 27.
Temperature control means. A. J. Whitcomb. 2,370,897; Mar. 6.
Temperature control means for washing machines and the like. H. Harvey. 2,377,551; June 5.
Temperature control mold. R. J. Miller. 2,368,719; Feb 6.
Temperature control of catalytic operations. J. W. Harrison. 2,376,356; May 22.
Temperature control of catalytic reactions. W. A. Wurth. 2,383,636; Aug 28.
Temperature control of contacting reactions. C. H. Thayer and R. C. Lassiat. 2,384,858; Sept. 18.
Temperature control system. G. D. Guler and G. M. Kingsland. 2,376,482; May 22.
Temperature control system. E. F. Kubler, E. D. Schneider, and G. C. Nonken. 2,383,806; Aug. 28.
Temperature control system and apparatus. W. B. Miller. 2,383,811; Aug. 28.
Temperature controlling device for incubators. A. E. Waterman. 2,376,641; May 22.
Temperature gradient method of analysis, Fractionation. W. J. Podbielniak. 2,377,900; June 12.
Temperature in endothermic and exothermic reactions, Control of reaction. L. A. Mekler. 2,389,448; Nov. 20.
Temperature indicator. R. P. Schreiber and W. McC. Lee. 2,379,459; July 3.
Temperature indicator. F. R. Sias. 2,367,065; Jan. 9.
Temperature measuring instrument. R. I. Bradley. 2,371,603; Mar. 20.
Temperature of diverse fluids in a machine tool, Method and apparatus for maintaining uniform. J. C. Wilson. 2,384,225; Sept. 4.
Temperature regulating device. V. Weber. 2,389,014; Nov. 13.

Temperature relief valve. L. J. Kmiecik. 2,389,437; Nov. 20.
Temperature responsive control mechanism. A. J. Huck. 2,367,500; Jan. 16.
Temperature responsive control mechanism. A. J. Huck. 2,370,404; Feb. 27.
Temperature responsive device. V. Weber. 2,389,880; Nov. 27.
Temperature responsive devices, Fixed. F. C. Evans. 2,378,135; June 12.
Temperature responsive resistance element. R. P. Mattern. 2,372,840; Apr. 3.
Temperatures, Production of low. H. L. Wikoff. 2,378,815; June 19.
Templates and the like, Making. G. B. Crouse. 2,372,767; Apr. 3.
Templates, Device for use in making. V. J. Levaggi, Jr. 2,368,853; Feb. 6.
Templates, Making. W. H. Gage and N. C. Kolb. 2,369,960; Feb. 20.
Templates, Punch and work locating. D. A. Norsen. 2,373,844; Apr. 17.
Temple, Loom. A. Arlequeeuw. 2,366,994; Jan. 9.
Templet-following machine. L. W. Young. 2,388,376; Nov. 6.
Tennis court marker. W. H. Hann. 2,377,780; June 5.
Tenoning mechanism. F. Hobbs. 2,385,205; Sept. 18.
Tensiometer. E. A. Black. 2,387,737; Oct. 30.
Tensiometer. G. M. Graham. 2,368,757; Feb. 6.
Tensiometer. M. Hattan. 2,380,433; July 31.
Tension adjuster. W. J. Gilmore. 2,375,548; May 8.
Tension and bloom control device. P. A. Stevenson. 2,373,513; Apr. 10.
Tension control device. G. S. Carbonneau. 2,388,121; Oct. 30.
Tension control mechanism. C. J. Arrington. 2,387,869; Oct. 30.
Tension device. D. L. Ballous. 2,375,459; May 8.
Tension device. W. O. Sjogren. 2,384,650; Sept. 11.
Tension for narrow ware shuttles. E. R. Holmes. 2,391,314; Dec. 18.
Tension indicator. W. J. Elvin and J. B. Steiding. 2,383,537; Aug. 28.
Tension regulating mechanism. W. B. Heinz. 2,389,047; Nov. 13.
Tensional shingle fastener. B. A. Gadow. 2,374,740; May 1.
Tensioning and anchoring of cables in concrete or similar structures. E. Freyssinet. 2,371,882; Mar. 20.
Tensioning and locking device for frameless window screens. D. J. Rust. 2,380,794; July 31.
Tensioning device. G. L. Leithiser. 2,388,982; Nov. 13.
Tensioning-measuring instrument. G. N. Krouse. 2,372,434; Mar. 27.
Tensioning wire in banding operations, Method of and apparatus for. J. M. Crom. 2,385,796; Oct. 2.
Tent and bed, Foldable vehicle. T. Thompson. 2,378,448; June 19.
Tent, Beach dressing. S. E. Sidelmann. 2,376,284; May 15.
Tenter drier. F. B. Morrill. 2,390,451; Dec. 4.
Tentering machine. M. G. Hinnekens. 2,375,990; May 15.
Terminal connector. E. H. Ayers. 2,381,331; Aug. 7.
Terminal construction. W. Dubilier. 2,374,084; Apr. 17.
Terminal element. K. J. Chichester. 2,391,391; Dec. 25.
Terminal fastening for electrical capacitors. K. H. Ballard. 2,389,018; Nov. 13.
Terminal, Sealing connector. J. F. Weakley. 2,387,630; Oct. 23.
Terminal, Spark plug. E. Mosthaf. 2,382,805; Aug. 14.
Terminal structure for oxidation products of electrical devices, Conducting. M. Lazarus. 2,370,104; Feb. 20.
Terminal stuffing tube. G. C. Thompson and E. F. Seaman. 2,367,700; Jan. 23.
Terminus device, Fluid passage. L. H. Scott. 2,366,428; Jan. 2.
Terne coating process. B. P. Finkbone and W. E. Marshall. 2,368,128; Jan. 30.
Terpene alcohols, Treatment of. A. C. Johnston. 2,366,409; Jan. 2.
Terpene derivatives. A. L. Rummelsburg. 2,370,689; Mar. 6.
Terpene derivatives. A. L. Rummelsburg. 2,373,343; Apr. 10.
Terpene derivatives. A. L. Rummelsburg. 2,378,436; June 19.
Terpene derivatives. A. L. Rummelsburg. 2,379,039; June 26.
Terpene ethers. A. L. Rummelsburg. 2,388,765; Nov. 13.
Terpene isomerization in liquid phase. R. W. Martin. 2,384,482; Sept. 11.
Terpene polymers, Making. H. M. Spurlin. 2,391,359; Dec. 18.
Terpene products, Stabilization of. D. H. Sheffield. 2,387,304; Oct. 23.
Terpenes and production, Polymerized acyclic. A. L. Rummelsburg. 2,373,419; Apr. 10.
Terpenes, Reacting. D. A. Lister. 2,376,369; May 22.
Terry reinforcement and making the same. A. E. Page. 2,375,683; May 8.
Test method and system for variable gain amplifiers. J. W. Bayless. 2,385,186; Sept. 18.
Test plug for pipes. H. Kaeser. 2,375,995; May 15.
Test probe. M. Pitinsky, H. M. Gerst, and M. A. Shriro. 2,368,678; Feb. 6.
Tester, Coin weight. A. R. McKay. 2,370,869; Mar. 6.
Tester for wells. G. A. Humason. 2,389,512; Nov. 20.
Tester, Motor. V. L. Westberg, A. N. Nilson, and V. C. Westberg. 2,366,889; Jan. 9.
Tester, Pendulum impact. A. J. Berger. 2,388,246; Nov. 6.
Tester, Pocket current. J. Wich. 2,366,991; Jan. 9.
Tester, Pole soundness. H. J. Dana. 2,389,030; Nov. 13.
Tester, Starter. N. Mabery. 2,381,549; Aug. 7.
Testing apparatus. J. H. Green. 2,381,586; Aug. 7.
Testing apparatus. A. J. Korenyi. 2,374,215; Apr7. 24.
Testing apparatus. H. R. Longfellow. 2,386,127; Oct. 2.
Testing apparatus. E. L. Malhiot. 2,367,513; Jan. 16.
Testing apparatus. J. L. Maxwell. 2,377,438; June 5.
Testing apparatus. J. A. Robinson. 2,369,799; Feb. 20.
Testing apparatus. F. Short. 2,371,192; Mar. 13.
Testing apparatus, Balance. R. E. Sharp. 2,377,045; May 29.
Testing apparatus, Block grease. H. G. Smith. 2,385,656; Sept. 25.
Testing apparatus for Link trainer recorders. L. S. Marshall. 2,383,006; Aug. 21.
Testing apparatus, Hydraulically operated hardness. P. Kratzer. 2,376,155; May 15.
Testing apparatus, Mounting. C. M. Hathaway. 2,381,283; Aug. 7.
Testing apparatus, Precision pull-bar. O. M. Summers. 2,386,989; Oct. 16.
Testing apparatus, Steam turbine. C. C. Franck. 2,379,700; July 3.
Testing apparatus, Stop watch. W. O. Bennett, Jr. 2,380,360; July 10.
Testing apparatus, Tensile strength. R. M. Parke and F. P. Bens. 2,375,032; May 1.
Testing arrangement for trunks to community dial offices. A. T. Perry. 2,389,076; Nov. 13.
Testing device. F. G. Back. 2,381,634; Aug. 7.
Testing device. A. F. Bandur. 2,379,947; July 10.
Testing device. O. H. Basquin. 2,375,209; May 8.
Testing device. W. H. Cummings. 2,376,232; May 15.
Testing device for control thermostats. E. C. Williams. 2,383,756; Aug. 28.
Testing device, Weight and capacity. G. P. Nairn. 2,383,269; Aug. 21.
Testing filled sealed cans for leaks. H. M. Slosberg. 2,391,354; Dec. 18.
Testing machine. E. G. Gerber. 2,366,394; Jan. 2.
Testing machine, Can. A. M. Cameron and V. Lelinski. 2,387,743; Oct. 30.
Testing means. G. F. Fermier. 2,389,190; Nov. 20.
Testing means, Magazine. R. M. Whitmore. 2,386,376; Oct. 9.
Testing, Method and apparatus for. H. E. Edgerton. 2,382,981; Aug. 21.
Testing method and apparatus, Gas. M. G. Jacobson. 2,378,019; June 12.
Testing, sorting or grading apparatus. F. F. Ruau. 2,376,556; May 22.
Testing the dynamic balance of wheels. H. G. Holmes. 2,380,108; July 10.
Tetanus toxin, Preparing. W. E. Bunney, and W. L. Koerber. 2,373,454; Apr. 10.
Tetrachloroethylene and chlorosilanes, Preparing. W. I. Patnode and R. W. Schiessler. 2,381,001; Aug. 7.
Tetrahydrofuran, Manufacture of. C. L. Wilson. 2,366,464; Jan. 2.
Tetraiodophenophthalein, Making. L. E. Sargent. 2,384,425; Sept. 4.
Tetrakis-2-chlorethyl silicate, Preparing. W. I. Patnode and R. O. Sauer. 2,381,137; Aug. 7.
Tetranitrates, Aliphatic dinitro. H. B. Hass and W. R. McElroy. 2,381,406; Aug. 7.
Tetrols, Aliphatic dinitro. H. B. Hass and W. R. McElroy. 2,387,019; Oct. 16.
Textile and making same. C. A. Castellan. 2,389,120; Nov. 20.
Textile and other articles, Production of. R. W. Moncrieff and H. Bates. 2,372,386; Mar. 27.
Textile and other materials, Treatment of. R. W. Moncrieff and H. Bates. 2,379,026; June 26.
Textile article and the manufacture thereof. E. Horler. 2,366,856; Jan. 9.
Textile bobbin and producing the same. H. L. Amrhein and E. E. Fuller. 2,378,901; June 26.
Textile device. B. Plunkett. 2,375,324; May 8.
Textile drawing mechanism. R. D. Tarr. 2,389,581; Nov. 20.
Textile drawing mechanism. S. R. Walsh and G. E. Repass. 2,370,598; Feb. 27.
Textile dyeing and finishing, method and product. C. H. Masland, 2nd. 2,367,730; Jan. 23.
Textile fabric. R. E. Reed. 2,387,354; Oct. 23.
Textile fabrics, Iodization. C. R. H. Ritter. 2,390,391; Dec. 4.
Textile fabrics, Treatment of. C. P. Atkinson. 2,384,871; Sept. 18.
Textile fiber working unit. R. W. Cutler. 2,373,876; Apr. 17.
Textile fibers, Manufacture of spun. J. B. Speakman. 2,371,717; Mar. 20.
Textile fibrous material, Method and apparatus for crimping. A. Bruenner and A. Lodge. 2,368,637; Feb. 6.

Textile finishing. J. T. Thurston. 2,385,765; Sept. 25.
Textile finishing and composition therefor. W. N. Oldham. 2,378,724; June 19.
Textile finishing composition. J. M. Hood. 2,376,595; May 22.
Textile finishing material. A. L. Rummelsburg. 2,368,782; Feb. 6.
Textile machine. H. Searles. 2,373,854; Apr. 17.
Textile material. J. A. Truitt. 2,370,112; Feb. 20.
Textile material, Production of a hollow. O. W. Boies and H. O. Taylor. 2,379,783; July 3.
Textile material, Treating cellulosic. E. O. Ridgway, F. C. Tucker, and C. J. Kintner. 2,368,158; Jan. 30.
Textile materials. A. Lyem. 2,377,434; June 5.
Textile materials and the articles produced therefrom, Making coated. R. T. K. Cornwell. 2,390,780; Dec. 11.
Textile materials, Colouration of. A. J. Wesson. 2,384,001; Sept. 4.
Textile materials, films, and other shaped articles having a basis of a polymerized vinyl ester, Production of. R. P. Roberts, E. B. Johnson, and M. A. Young. 2,374,780; May 1.
Textile materials, Preservation of. A. W. Hanson and W. C. Goggin. 2,371,618; Mar. 20.
Textile materials, Treating. M. A. T. Rogers. 2,386,141; Oct. 2.
Textile materials, Treating. M. A. T. Rogers. 2,386,143; Oct. 2.
Textile materials, Treatment of. I. L. Griffin, D. E. Truax, and N. H. Nuttall. 2,381,587; Aug. 7.
Textile materials, Treatment of. G. W. Seymour and W. Brooks. 2,385,423; Sept. 25.
Textile materials, Treatment of. G. W. Seymour and D. Y. Miller. 2,385,110; Sept. 18.
Textile materials, Treatment of cellulosic. G. P. Vincent, A. L. Dubeau, and J. F. Synan. 2,383,900; Aug. 28.
Textile mill spindle. H. H. Brooksieker and P. I. Thyreen. 2,388,900; Nov. 13.
Textile printing composition. R. A. Pizzarello. 2,375,132; May 1.
Textile printing composition. St. C. Smith. 2,385,737; Sept. 25.
Textile printing pastes and textiles produced therefrom. N. S. Cassel. 2,381,878; Aug. 14.
Textile process. C. Dreyfus. 2,366,241; Jan. 2.
Textile product. W. Whitehead. 2,380,003; July 10.
Textile treatment. K. H. Barnard and B. Frankfurt. 2,390,235; Dec. 4.
Textile twisting machine. G. E. Nordstrom. 2,390,729; Dec. 11.
Textile yarns and like materials, Shrinking of. F. B. Hill and W. H. Kimpton. 2,388,742; Nov. 13.
Textiles colored with dyestuffs sensitive to chlorine, Chlorinating. A. Landolt. 2,373,191; Apr. 10.
Textiles, Dyeing and finishing of. E. Schubert and H. Pierer. 2,369,613; Feb. 13.
Textiles, Making. A. Unger. 2,374,631; Apr. 24.
Textiles, Stabilizing. J. A. Clark. 2,378,186; June 12.
Textiles, Treatment of. C. A. Hochwalt. 2,381,852; Aug. 7.
Textiles waterrepellant, Rendering. E. Waltmann and E. Wolf. 2,380,133; July 10.
Theft signal. W. A. Shanklin. 2,370,497; Fig. 27.
Therapeutic-anesthetic preparations. D. Curtis. 2,385,262; Sept. 18.
Therapeutic apparatus. N. D. Mininberg. 2,374,492; Apr. 24.
Therapeutic appliance. W. B. Rupe. 2,378,795; June 19.
Therapeutic compound. S. J. Nathan. 2,371,254; Mar. 13.
Therapeutic device. L. and R. Fisher. 2,384,670; Sept. 11.
Therapeutic device. B. R. Robertson. 2,366,989; Jan. 9.
Therapeutic product and making same. S. B. Mecca. 2,370.561; Feb. 27.
Therapeutic substance for measles. L. P. Strean. 2,386,-725; Oct. 9.
Therapeutic tablet. I. B. Wershaw. 2,371,862; Mar. 20.
Therapeutic treatment. W. S. Eaton. 2,368,207; Jan. 30.
Therapeutically active substances, Preparing. R. T. Major and H. T. Bonnett. 2,374,367; Apr. 24.
Therapy apparatus, Portable field oxygen. W. M. Boothby and W. R. Lovelace, II. 2,390,236; Dec. 4.
Thermal decomposition of metallic nitrates. A. L. Fox and C. J. Chindgren. 2,374,674; May 1.
Thermal deposition of metals in a vacuum. P. Alexander. 2,387,970; Oct. 30.
Thermal element. R. E. Newell. 2,385,155; Sept. 18.
Thermal insulation and manufacture. G. P. Leistensnider and H. H. Rinehart. 2,383,604; Aug. 28.
Thermal insulation and manufacture. H. H. Rinehart. 2,389,460; Nov. 20.
Thermal motor. L. A. Whitney and A. C. Kidder. 2,382,928; Aug. 14.
Thermal pump. R. Bottcher. 2,368,101; Jan. 30.
Thermal pump. E. M. Lieberman. 2,389,067; Nov. 13.
Thermal relay. H. E. Ashworth and S. B. Aylsworth. 2,371,018; Mar. 6.
Thermal responsive device. R. A. Gougeon. 2,367,117; Jan. 9.
Thermal responsive device. F. R. Higley. Re. 22,688; Nov. 6.
Thermal responsive device for electrical coils. E. D. Treanor. 2,374,055; Apr. 17.
Thermal retarder switch unit. C. M. Osterheld. 2,388,564; Nov. 6.
Thermal switch. W. Hill. 2,378,080; June 12.
Thermal switch and relay. J. Schmidinger. 2,388,712; Nov. 13.
Thermal treatment. P. T. Stroup. 2,380,202; July 10.
Thermal treatment. R. T. Wood and M. E. Gantz. 2,389,583; Nov. 20.
Thermal treatment for aluminum base alloys. J. A. Nock, Jr., and T. W. Bossert. 2,388,563; Nov. 6.
Thermally hardening steel. J. M. Hodge and M. W. Lightner. 2,374,351; Apr. 24.
Thermals, Producing artificial. F. W. Lee. 2,371,629; Mar. 20.
Thermionic device and fabrication. W. W. Watrous, Jr. 2,372,037; Mar. 20.
Thermionic device for converting frequency-modulation into amplitude-modulation. E. H. Lange. 2,369,055; Feb. 6.
Thermionic tube circuits. C. E. McClellan. 2,379,168; June 26.
Thermionic valve apparatus. R. L. Fortescue. 2,389,145; Nov. 20
Thermionic valve circuit. A. W. Ewen. 2,368,351; Jan. 30.
Thermionic valve circuits. P. K. Chatterjea and C. T. Scully. 2,378,620; June 19.
Thermionic valve circuits. G. J. Scoles. 2,383,420; Aug. 21.
Thermocouple. A. Graves and G. A. R. Tomes. 2,381,819; Aug. 7.
Thermocouple. H. S. Jones. 2,381,058; Aug. 7.
Thermocouple. W. A. Ray. 2,370,326; Feb. 27.
Thermocouple. H. T. Sparrow and J. M. Wilson. 2,378,804; June 19.
Thermocouple assembly. E. L. Frownfelter. 2,371,288; Mar. 13.
Thermocouple mounting for furnaces. W. B. Levy. 2,382,888; Aug. 14.
Thermocouple tube. G. N. Goller. 2,384,024; Sept. 4.
Thermoelectric control circuit. E. Paille. 2,383,676; Aug. 28.
Thermoelectric device. E. Paille. 2,385,530; Sept. 25.
Thermoelectric device. W. R. Ray. 2,374,701; May 1.
Thermoelectric generator. H. J. Findley. 2,390,578; Dec. 11.
Thermoelectric safety shutoff device and cock. C. Wantz. 2,372,537; Mar. 27.
Thermohydrometer. R. Edelmann. 2,368,123; Jan. 30.
Thermometer. G. Bouyoucos. 2,375,892; May 15.
Thermometer case. A. C. Bruns. 2,389,485; Nov. 20.
Thermometer, Indicating. N. J. Smith. 2,374,786; May 1.
Thermometric apparatus. M. A. Picciano. 2,379,317; June 26.
Thermoplastic arch supports, Method and apparatus for fitting. W. M. Scholl. 2,367,804; Jan. 23.
Thermoplastic composition. J. F. Zemaitis. 2,375,162; May 1.
Thermoplastic compositions. P. M. Downey. 2,387,502; Oct. 23.
Thermoplastic compositions and making same, New. G. D. Martin. 2,382,497; Aug. 14.
Thermoplastic compositions and products obtained thereby, Making. G. D. Martin. 2,386,968; Oct. 16.
Thermoplastic compositions and products obtained thereby, Making. G. D. Martin. 2,387,521; Oct. 23.
Thermoplastic compositions, Extruding. B. Andersen and R. F. Strasdin. 2,384,521; Sept. 11.
Thermoplastic compositions, Extruding fused. H. Dreyfus. 2,370,721; Mar. 6.
Thermoplastic construction. J. P. Gits. 2,380,515; July 31.
Thermoplastic domes, Preparing. E. L. Helwig. 2,367,642; Jan. 16.
Thermoplastic fibrous product. P. Goldstein and H. R. Gillette. 2,376,688; May 22.
Thermoplastic material, Forming. P. P. Weichbrodt and F. L. Williamson. 2,370,827; Mar. 6.
Thermoplastic materials, Extrusion of. E. G. Williams. 2,384,224; Sept. 4.
Thermoplastic materials in fibrous or cellular form, Production of. W. I. Taylor. 2,372,695; Apr. 3.
Thermoplastic materials, Joining. G. Lindh and W. M. Phillips, Jr. 2,367,725; Jan. 23.
Thermoplastic product, Making a fibrous. P. Goldstein and H. R. Gillette. 2,376,687; May 22.
Thermoplastic products derived from rubbers. T. W. Bartram. 2,384,876; Sept. 18.
Thermoplastic sheets of nonuniform thickness, Production of. W. F. Bartoe and W. R. Speck. 2,385,486; Sept. 25.
Thermoresponsive device. A. Stockstrom. 2,376,631; May 22.
Thermoresponsive measuring instrument. H. P. Vassar. 2,385,044; Sept. 18.
Thermosetting plastic material. Le G. Daly. 2,384,015; Sept. 4.
Thermosetting urea-formaldehyde composition. H. A. Walter. 2,373,362; Apr. 10.
Thermostat. E. K. Clark. 2,370,146; Feb. 27.
Thermostat. W. B. Griffith. 2,389,429; Nov. 20.
Thermostat. L. S. Houghton and J. J. Rothwell. 2,371,998; Mar. 20.
Thermostat. W. A. Ray. 2,381,557; Aug. 7.
Thermostat. F. and J. Reingruber. 2,389,686; Nov. 27.
Thermostat. V. Weber. 2,372,464; Mar. 27.

Thermostat. V. Weber. 2,385,433; Sept. 25.
Thermostat, Battery charging. B. F. W. Heyer. 2,376,056; May 15.
Thermostat, Compensated refrigerator. B. E. Shaw and E. F. Swanson. 2,376,092; May 15.
Thermostat, Compensating. L. J. Koci. 2,390,947–8; Dec. 11.
Thermostat control circuit. T. J. Lehane and E. H. Burgess. 2,382,073; Aug. 14.
Thermostat, safety pilot, and limit control. H. A. Mantz. 2,383,401; Aug. 21.
Thermostatic adjustment for meter calibrating mechanism. C. P. Griffith and J. J. Delaney. 2,366,330; Jan. 2.
Thermostatic mixer. H. Barnett. 2,382,283; Aug. 14.
Thermoswitch. N. J. Smith. 2,373,857; Apr. 17.
Thickener apparatus. J. H. V. Finney. 2,382,409; Aug. 14.
Thickening and congealing agent. J. J. Willaman. 2,373,729; Apr. 17.
Thief signal C. S. Johnson. 2,385,707; Sept. 25.
Thienyl amines and making them. G. J. VanZoeren. 2,367,702; Jan. 23.
Thimble and clamp, Cable. J. L. McKeown. 2,381,357; Aug. 7.
Thimble, Extraction. M. R. Arnold. 2,384,230; Sept. 4.
Thimble, Hot gas outlet. R. C. Wright. 2,388,511; Nov. 6.
Thimble, Towline. A. Vaszin. 2,381,193; Aug. 7.
Thio-barbiturates. C. O. Wilson and J. H. Boothe. 2,386,026; Oct. 2.
Thiocarbanilide, Wettable and dispersible. R. B. Booth. 2,383,106; Aug. 21.
Thiocyanates, Making. G. Riethof. 2,372,119; Mar. 20.
Thioethers derived from polymers of cyclopentadiene. H. A. Bruson and T. W. Riener. 2,376,340; May 22.
Thioketones. L. G. S. Brooker and G. H. Keyes. 2,369,646; Feb. 20.
Thioketones and preparing them. L. G. S. Brooker and G. H. Keyes. 2,369,657; Feb. 20.
Thioketones, Preparing. L. G. S. Brooker and G. H. Keyes. 2,369,647; Feb. 20.
Thiosalicylic acid antifoggant. H. D. Russell. 2,377,375; June 5.
Thread. F. Feron. 2,382,704; Aug. 14.
Thread accumulator for weft replenishing looms. W. H. Wakefield. 2,390,478; Dec. 4.
Thread-advancing reel. H. J. McDermott. 2,386,249; Oct. 9.
Thread and/or fabric. J. I. Taylor and K. T. Schaefer. 2,375,261; May 8.
Thread and product thereof, Handling elastic. S. W. Alderfer. 2,380,373; July 31.
Thread chasing attachment, Automatic. N. Young. 2,370,218; Feb. 27.
Thread control device for sewing machines. C. R. Backlin. 2,386,678; Oct. 9.
Thread control for weft replenishing mechanism. C. Darwin. 2,387,122; Oct. 16.
Thread control system for looms, Pneumatic. R. G. Turner. 2,390,014; Nov. 27.
Thread control system for weft replenishing looms. W. H. Wakefield. 2,375,712; May 8.
Thread controlling device for sewing machines. F. Ashworth. 2,389,124; Nov. 20.
Thread cutter. J. Chudner. 2,376,417; May 22.
Thread cutter. W. B. Johnson. 2,379,908; July 10
Thread-cutting apparatus. H. Kayfetz. 2,389,857; Nov. 27.
Thread-cutting mechanism. C. A. Reimchissel and H. Davies. 2,387,294; Oct. 23.
Thread cutting tool. A. Burrows. 2,391,223; Dec. 18.
Thread dispensing device. C. F. Warren. 2,370,699; Mar. 6.
Thread fitting, Straight. O. C. Martin. 2,373,253; Apr. 10.
Thread grinding machine. H. V. Christensen. 2,375,079; May 1.
Thread grinding machine. S. J. Harley and J. E. Wainwright. 2,381,051; Aug. 7.
Thread guide. K. M. McLellan. 2,385,097; Sept. 18.
Thread guide, Electrically conductive ceramic. H. Thurnauer. 2,369,266; Feb. 13.
Thread guide for thread holders. E. A. Santon. 2,387,302; Oct. 23.
Thread holder for magazines. H. A. Whitin. 2,375,156; May 1.
Thread in knitted fabrics, Feeding elastic. J. L. Getaz. 2,377,490; June 5.
Thread in knitted fabrics, Incorporating elastic. J. L. Getaz. 2,377,489; June 5.
Thread lock. G. L. Ericsson. 2,378,071; June 12.
Thread protector. B. Engstrom. 2,385,408; Sept. 25.
Thread protector. E. W. Krause. 2,378,710; June 19.
Thread remover for weft replenishing looms. A. Cederlund. 2,376,229; May 15.
Thread rolling apparatus. J. H. Hoern. 2,367,398; Jan. 16.
Thread rolling machine. A. B. Reed. 2,367,612; Jan. 16.
Thread separating thread holder. O. V. Payne. 2,387,289; Oct. 23.
Thread severing device for sewing machines. J. P. Enos. 2,372,318; Mar. 27.
Thread take-up device. C. R. Backlin. 2,390,681; Dec. 11.
Thread tensioning devices, Method and apparatus for evaluating. F. A. Decker, Jr., and P. G. Woodward. 2,380,951; Aug. 7.
Threaded device, Self-locking. H. R. Harding. 2,367,213; Jan. 16.
Threaded fastener. C. B. Breedlove. 2,378,462; June 19.
Threaded fastener. R. Mitchell. 2,390,726; Dec. 11.
Threaded sheet metal plug. W. C. Grosser. 2,387,990; Oct. 30.
Threader, Portable power. E. L. Cook. 2,374,176; Apr. 24.
Threading and tensioning device, Shuttle. J. Coldwell. 2,383,239; Aug. 21.
Threading and testing machine. J. E. Heckethorn. 2,380,841; July 31.
Threading apparatus. G. I. Zeichner. 2,377,659; June 5.
Threading device. M. Hornstein. 2,373,958; Apr. 17.
Threading device, Self-locking. C. W. Soldan. 2,367,379; Jan. 16.
Threading machine. M. Mitchko. 2,368,720; Feb. 6.
Threadless conduit coupling. C. S. Brown. 2,369,942; Feb. 20.
Threadless fastening device. H. E. Mills. 2,369,480; Feb. 13.
Threadlike structure. R. P. Dinsmore. 2,386,666; Oct. 9.
Threads and the like, Method of and device for treating. J. P. Tarbox. 2,368,386; Jan. 30.
Threads, filaments, and the like, Manufacture and production of artificial. R. L. Wormell. 2,372,622; Mar. 27.
3-derivatives of the saturated and unsaturated androstane-3-one-17-olssubstituted in 17-position and making same as well as the corresponding free ketones. K. Miescher. 2,386,331; Oct. 9.
3,4-Dihydroxyphenisopropyl alkylamines. G. A. Alles and R. N. Icke. 2,378,889; June 26.
3,4-xylidine, Manufacture of. V. Weinmayr. 2,373,438; Apr. 10.
Three-magnet double-loop directional relay. A. C. Mehring and S. L. Goldsborough. 2,379,918; July 10.
Three way valve. D. W. Hopkins. 2,383,861; Aug. 28.
Three-way valve. A. L. Parker and E. C. Hartley. 2,391,505; Dec. 25.
Thresher. B. F. Jones. 2,387,796; Oct. 30.
Thresher, Harvester. R. L. Anderson, C. R. Arnold, and L. A. Paradise. 2,367,990; Jan. 23.
Thresher, Harvester. W. R. Dray. 2,377,331; June 5.
Thresher machine. W. R. Dray. 2,383,911; Aug. 28.
Threshing machine. J. D. Jorg. 2,377,238; May 29.
Throttle control device for aircraft engines. L. S. Greenland. 2,376,690; May 22.
Throttle control for locomotives or the like. W. F. Kromer. 2,383,063; Aug. 21.
Throttling valve. F. E. Shelly. 2,373,268; Apr. 10.
Throwover regulator. R. E. Evarts. 2,380,956; Aug. 7.
Thrust bearing. M. W. Huber. 2,380,179; July 10.
Thrust bearing. H. E. Kaye. 2,374,820; May 1.
Thrust bearing and mounting therefor. W. T. Murden. 2,387,602; Oct. 23.
Thrust loader, Centrifugal. R. F. Onsrud. 2,379,099; June 26.
Thrust meter. A. W. Gardiner. 2,367,017; Jan. 9.
Thumbscrew. C. C. Moss. 2,383,670; Aug. 28.
Thyratron inverter. H. Carleton. 2,390,508; Dec. 11.
Thyroprotein composition and making the same. C. W. Turner and E. P. Reineke. 2,379,842; July 3.
Ticket issuing machine. R. H. Helsel. 2,383,796; Aug. 28.
Ticket printing and issuing machine. J. E. Hopping. 2,370,730; Mar. 6.
Tieback for curtains. R. S. Van Cleeff. 2,391,205. Dec. 18.
Tie clip. S. Visas. 2,388,196; Oct. 30.
Tie, Concrete form. T. R. Judkins. 2,383,864; Aug. 28.
Tie folding and slip stitch sewing machine, Combined. C. W. Johnson and J. A. Neumair. 2,383,654; Aug. 28.
Tie-holding attachment. W. I. Kennedy. 2,389,784; Nov. 27.
Tie lifter. P. Ruggeri. 2,374,705; May 1.
Tie line. L. J. Bowne. 2,379,061; June 26.
Tie plate, Cushioned. K. L. Johnson. 2,377,942; June 12.
Tie rack. W. G. Williams. 2,367,253; Jan. 16.
Tie, Railroad. J. B. Carmichael. 2,370,715; Mar. 6.
Tightener and sealer, Bond. M. S. Harris. 2,374,349; Apr. 24.
Tightener, Wadding roll. C. A. Fourness and C. H. Reichel. 2,386,943; Oct. 16.
Tile, Manufacturing surface ornamented acoustical. R. H. Stitt. 2,388,880; Nov. 13.
Tile, Mastic. M. K. Bare. 2,378,377; June 19.
Tiller, Disk. W. H. Silver. 2,376,455; May 22.
Tilt-type lever-operated switch. W. L. Dietrich. 2,377,134; May 29.
Tilting apparatus. D. H. Mitchell and R. R. Pollard. 2,386,906; Oct. 16.
Tilting furnace. M. Tama and J. L. Hoff. 2,368,173; Jan. 30.
Tilting mechanism for Venetian blinds. R. C. Larson. 2,388,000; Oct. 30.
Tilting mechanism for venetian blinds. E. E. Schaefer. 2,369,079; Feb. 6.
Timber connector. R. G. Kimbell. 2,377,156; May 29
Timber connector. C. Mackintosh. 2,391,061; Dec. 18.
Timber load carrying member. J. R. Burke, H. L. Worthington, and G. Runciman. 2,382,201; Aug. 14.
Timber, Treating. C. Luckhaupt. 2,383,504; Aug. 28.

Time-controlled electric switch. L. H. Brune and E. J. Ries. 2,382,972; Aug. 21.
Time delay device. F. W. Lyle. 2,383,328; Aug. 21.
Time delay mechanism. F. R. Thresh. 2,374,846; May 1.
Time-delay relay switch. W. Jones. 2,389,856; Nov. 27.
Time delay system. W. Few. 2,371,981; Mar. 20.
Time designator, International. B. S. Speeros. 2,369,760; Feb. 20.
Time element relay. O. S. Field. 2,378,293; June 12.
Time fuse for ordnance equipment, Mechanical. T. M. Perry and F. H. Hunter. 2,376,080; May 15.
Time indicating mechanism. N. Hammer. 2,380,171; July 10.
Time intervals, Measuring. O. Kornei. 2,370,176; Feb. 27.
Time measuring system. W. H. T. Holden. 2,370,727; Mar. 6.
Time mechanism. J. L. Harris. 2,384,373; Sept. 4.
Time recorder. F. Q. Rast. 2,366,872; Jan. 9.
Time recorder, Card. J. A. Dell and H. E. Hobby. 2,389,345; Nov. 20.
Time shell. G. Cahill. 2,369,337; Feb. 13.
Time signaling apparatus. C. E. Chapman. 2,380,943; Aug. 7.
Time system. A. L. Sprecker. 2,379,836; July 3.
Time-train unit for clocks and the like. M. J. Johnson. 2,383,391; Aug. 21.
Timer. L. W. Coren. 2,372,253; Mar. 27.
Timer. C. Swift. 2,377,461; June 5.
Timer and measuring control, Sequence. J. E. Preston. 2,374,779; May 1.
Timer for toasters and the like. A. J. Huck. 2,389,434; Nov. 20.
Timer, Interval. L. P. Morris. 2,374,946; May 1.
Timer, Program. W. and P. Klamp. 2,386,956; Oct. 16.
Timer switch. J. R. Pattee. 2,366,454; Jan. 2.
Timer, Towel cabinet. R. Morris. 2,391,471; Dec. 25.
Timing. S. J. Begun. 2,370,133; Feb. 27.
Timing and display apparatus, Combined. R. W. Zimmerman. 2,375,062; May 1.
Timing apparatus. M. E. Bivens. 2,390,981; Dec. 18.
Timing apparatus. W. P. Gallagher. 2,367,016; Jan. 9.
Timing apparatus. T. B. Gibbs and M. E. Brown. 2,390,364; Dec. 4.
Timing box mechanism for machine tools. A. J. Fuller. 2,377,337; June 5.
Timing control means for internal combustion engines, Ignition. M. Mallory. 2,377,566; June 5.
Timing control system. C. J. Collom. 2,391,009; Dec. 18.
Timing device. S. J. Begun. 2,370,134; Feb. 27.
Timing device. W. O. Bennett, Jr. 2,372,757; Apr. 3.
Timing device. F. J. Hooven. 2,370,166; Feb. 27.
Timing device. M. H. Rhodes. 2,369,688; Feb. 20.
Timing device for power transmission systems. H. F. Vickers. 2,389,473; Nov. 20.
Timing device for power transmission systems. H. F. Vickers. 2,390,755; Dec. 11.
Timing device, Intermitter. W. R. King. 2,380,969; Aug. 7.
Timing mechanism. H. E. Somes. 2,387,097; Oct. 16.
Timing mechanism for magnetic recorders, Safety. M. Camras. 2,381,036; Aug. 7.
Timing modulated waves, Reception of. H. Tunick. 2,371,416; Mar. 13.
Timing modulation. G. L. Usselman. 2,379,201; June 26.
Timing relay. K. Mahnke. 2,381,300; Aug. 7.
Timing system for sorting apparatus, Electronic. C. E. Smith. 2,387,952; Oct. 30.
Tin-plate flowing apparatus. M. P. Vore. 2,381,323; Aug. 7.
Tin-plating of aluminum. E. V. Blackmun and M. P. Mikula. 2,377,606; June 5.
Tine. C. W. Kelsey. 2,366,625; Jan. 2.
Tine assembly. C. W. Kelsey. 2,366,624; Jan. 2.
Tint finish, Aqueous. V. L. Denny, Jr. 2,275,839; May 15.
Tip construction, Airfoil. M. Watter and G. W. Pancoe. 2,383,635; Aug. 28.
Tip for cigarettes and the like, Igniting. M. and B. M. Feldman. 2,371,287; Mar. 13.
Tippler, Wagon. G. W. Grossmith and H. F. H. Shields. 2,374,009; Apr. 17.
Tire. B. B. Levy. 2,391,579; Dec. 25.
Tire. F. R. Mays and R. R. Royal. 2,379,095; June 26.
Tire. F. R. Mays and R. R. Royal. 2,383,668; Aug. 28.
Tire. B. E. Mendelsohn. 2,375,127; May 1.
Tire alarm, Low-pressure. L. H. Rykken. 2,368,617; Feb. 6.
Tire and rim assembly, Pneumatic. W. S. Brink. 2,367,820; Jan. 23.
Tire and wheel provided therewith, Resilient. L. Campagnano. 2,369,016; Feb. 6.
Tire bead former. F. J. Shook. 2,382,672; Aug. 14.
Tire bead lock. W. S. Brink. 2,367,828; Jan. 23.
Tire buffing and rebuilding machine. P. O. Chambers. 2,366,685; Jan. 2.
Tire building apparatus. R. C. Bateman. 2,369,998; Feb. 20.
Tire building apparatus. H. D. Stevens. 2,381,379; Aug. 7.
Tire building apparatus (ply turndown). H. D. Stevens. 2,381,401; Aug. 7.
Tire building machine. F. S. Sternad, and J. P. Sapp. 2,373,354; Apr. 10.
Tire carrier. M. J. Falslev and S. Sims. 2,383,476; Aug. 28.
Tire-casing spreading and inspecting machine. R. G. Stoehr. 2,375,595; May 8.
Tire chain tool. N. C. Oddo. 2,374,616; Apr. 24.
Tire construction. T. J. Hoy. 2,375,992; May 15.
Tire construction. B. E. Mendelsohn. 2,391,841; Dec. 25.
Tire construction. H. M. Renner. 2,368,325; Jan. 30.
Tire construction, Resilient. J. C. Miller. 2,366,638; Jan. 2.
Tire, Cushion. C. A. Colgren. 2,378,130; June 12.
Tire for car wheels. E. Ovalle. 2,376,179; May 15.
Tire inflating device. G. E. Stevenson. 2,391,652; Dec. 25.
Tire manufacture. A. F. Larabee. 2,376,494; May 22.
Tire mold. T. P. Bacon. 2,372,644; Apr. 3.
Tire press. J. S. Plumeau and C. C. Ottoson. 2,373,975. Apr. 17.
Tire pressure alarm. A. M. Heath. 2,374,748; May 1.
Tire pressure gauge. A. Pascoo. 2,368,564; Jan. 30.
Tire repairing device. C. W. Macy. 2,373,769; Apr. 17.
Tire service rack. H. Seip. 2,370,496; Feb. 27.
Tire shield, Automobile. H. Spingler. 2,387,188; Oct. 16.
Tire testing apparatus. R. W. Allen. 2,367,838; Jan. 23.
Tire tool. B. W. Howard. 2,391,626; Dec. 25.
Tire tool. O. V. Teegarden. 2,378,955; June 26.
Tire tread. J. Rehner, Jr. 2,373,599; Apr. 10.
Tire valve. K. V. Baker. 2,378,384; June 19.
Tire valve. A. E. Dank. 2,370,451; Feb. 27.
Tire valve. G. Hoffmann. 2,371,891; Mar. 20.
Tire vulcanizing apparatus. T. P. Bacon, Jr. 2,380,380; July 31.
Tires, Manufacture of solid rubber. H. S. Church. 2,386,034; Oct. 2.
Tires, Manufacturing. F. Kovacs. 2,382,068; Aug. 14.
Tires, Preserving. P. Glasser. 2,370,790; Mar. 6.
Tires, Recapping vehicle. L. A. Stephens and I. W. Lederer. 2,382,269; Aug. 14.
Tires, Repairing. E. Hellier. 2,370,958; Mar. 6.
Titanium dioxide, Manufacture of. J. Heinen. 2,367,118; Jan. 9.
Titanium dioxide, Preparing. W. J. Cauwenberg and C. A. Tanner, Jr. 2,389,026; Nov. 13.
Titanium oxide pigments, Treating. R. M. McKinney. 2,378,148; June 12.
Titanium pigments, Production of improved. G. R. Seidel. 2,387,534; Oct. 23.
Titanium salt solutions, Controlling the metastability of hydrolyzable. R. Dahlstrom. 2,368,591; Jan. 30.
Titanium tetrachloride, Purification of. B. De Witt. 2,370,525; Feb. 27.
Toaster. I. Jepson. 2,368,026; Jan. 23.
Toaster. J. W. Myers. 2,388,641; Nov. 6.
Toaster. H. L. Newell. 2,367,044; Jan. 9.
Toaster apparatus. B. F. Parr. 2,389,927; Nov. 27.
Toaster, Automatic. N. B. Wales. 2,387,817; Oct. 30.
Toaster, Electric. B. G. Olving. 2,383,673; Aug. 28.
Toasting apparatus. R. I. Felver and B. F. Parr. 2,378,073; June 12.
Toasting apparatus. J. R. Heilman. 2,379,709; July 3.
Toasting apparatus, Automatic. M. L. Warner. 2,371,084; Mar. 6.
Toasting device. H. H. Buttner. 2,382,380; Aug. 14.
Toasting device. M. W. Humphreys. 2,387,586; Oct. 23.
Tobacco compositions. R. M. Goepp, Jr. 2,371,389; Mar. 13.
Tobacco, Conditioning. R. D. Touton. 2,379,117; June 26.
Tobacco curing system. J. R. Henderson. 2,376,873; May 29.
Tobacco cutting mechanism. J. P. Durning. 2,378,133; June 12.
Tobacco feeding device. G. Zint. 2,389,398; Nov. 20.
Tobacco for cigar machines, Handling filler. R. E. Rundell. 2,378,953; June 26.
Tobacco pipe. G. R. Comptois. 2,391,548; Dec. 25.
Tobacco pipe. M. G. Hilpert. 2,383,968; Sept. 4.
Tobacco pipe. R. H. Reinhold and G. W. Fossieck. 2,388,338; Nov. 6.
Tobacco stick. L. C. and M. C. Mayers. 2,378,313; June 12.
Toboggan. N. Tufts. 2,367,157; Jan. 9.
Tocopherols, Preparation of. J. G. Baxter and C. D Robeson. 2,379,420; July 3.
Toe-lasting machine. B. Jorgensen. 2,367,282; Jan. 16.
Toggle lever press. A. Schneider and E. Ungethuem. 2,387,041; Oct. 16.
Toggle mechanism. H. Perret. 2,368,775; Feb. 6.
Toilet, Animal. E. J. Thompson. 2,390,854; Dec. 11.
Toilet deodorizer. H. W. Sanford, A. F. Sanford, II, and R. C. Prueitt. 2,371,923; Mar. 20.
Toilet paper roll holder. W. M. McClearen. 2,369,970; Feb. 20.
Toilet paper roll holder. V. F. Olson. 2,382,659; Aug. 14.
Toilet seat and cover hinge. H. D. Watson. 2,366,762; Jan. 9.
Toilet, Ventilated. A. P. Riedele. 2,389,165; Nov. 20.
Toiletry appliance. J. Germanotta. 2,375,643; May 8.
Token and receptacle for airway traffic control systems. O. S. Field and S. N. Wight. 2,376,846; May 22.

Toll ticketing system, Automatic. A. J. Busch. 2,370,712; Mar. 6.
Toluene and xylenes, Synthesis of. D. L. Fuller and B. S. Greensfelder. 2,378,210; June 12.
Toluene from hydrocarbon mixtures, Recovering. C. R. Clark. 2,385,610; Sept. 25.
Toluene, Producing. A. G. Oblad. 2,383,072; Aug. 21.
Toluene, Recovering. C. R. Clark. 2,388,040; Oct. 30.
Tone and volume control means. W. S. Bachman. 2,377,121; May 29.
Tone chamber. F. C. Carter. 2,368,639; Feb. 6.
Tone post for violins and similar musical instruments. J. B. Patmor. 2,370,460; Feb. 27.
Tong, Plate. L. Nelson. 2,384,636; Sept. 11.
Tongs. J. A. Gammel. 2,381,045; Aug. 7.
Tongs, Automatic ingot. J. H. Hopkins and E. H. Kendall. 2,382,227; Aug. 14.
Tongs, Barrel. R. W. Westfall. 2,377,845; June 5.
Tongs, Carrying. F. G. Radtke. 2,367,889; Jan. 23.
Tongs, Extracting. F. W. Hadley. 2,382,145; Aug. 14.
Tongs, Ingot. F. Peyer. 2,384,396; Sept. 4.
Tongs, Lifting. R. H. Bates. 2,385,049; Sept. 18.
Tongs mechanism. C. N. Reese. 2,368,615; Feb. 6.
Tongs, Radio tube. D. S. Small. 2,386,361; Oct. 9.
Tongs, Safety. W. B. Warren. 2,384,408; Sept. 4.
Tongue for trailer vehicles. C. E. Strainger. 2,366,294; Jan. 2.
Tonometer. U. Ollendorff. 2,366,645; Jan. 2.
Tonsillotome. A. de S. Costa. 2,377,540; June 5.
Tool: *See*—
Abrasive tool.
Adjustable supporting tool
Angle gauge and cutting tool.
Automatic pattern controlled machine tool.
Band tensioning tool.
Band tightening and sealing tool.
Beading tool.
Bee hive tool.
Blind rivet hand tool.
Boring tool.
Burnishing tool.
Burr-removing tool.
Burring tool.
Cable tool.
Cage nut tool.
Calibrating tool.
Centering tool.
Chamfering tool.
Circle cutting tool.
Circular tool.
Clamp applying tool.
Cleaning tool.
Collapsible drilling tool.
Combination tool.
Compressed air operated rotary tool.
Container-opening tool.
Countersinking tool.
Crimping tool.
Cut-off tool.
Cutting-off tool.
Cutting tool.
Dental impression bend removing tool.
Diamond holding tool.
Disk diamond dressing tool.
Double purpose tool.
Drilling and counter-sinking tool.
Earth boring tool.
Emergency tool.
Expander tool.
Expanding tool.
Expansion tool.
Extensible hand tool.
Extractor tool.
Fitting-up tool.
Flange facing tool.
Flexible shank tool.
Forming tool.
Garden tool.
Gardening tool.
Governor sleeve dislodging and removing tool.
Gripping or cutting tool.
Gripping tool.
Hand-gripping tool.
Hand tool.
High voltage fusing tool.
Hydraulic pruning tool.
Impact tool.
Insert assembling tool.
Insulation cutting tool.
Insulation slitting tool.
Jarring tool.
Knurling tool.
Machine tool.
Magnetic hand tool.
Metal boring tool.
Metal cutting tool.
Metal removing tool.
Metalworking tool.
Military tool.
Nibbling tool.
Piercing tool.
Pipe-cutting tool.
Pneumatic valve lapping tool.
Portable cutting tool.
Portable hand held electric tool.
Portable insulation slitting tool.
Portable intermittent clutch tool.
Portable tool.
Power-driven tool.
Power tool.
Puller tool.
Pulling tool.
Reaming tool.
Remotely controlled flow valve operating tool.
Rethreading tool.
Rivet applying tool.
Rivet set forming tool.
Riveting tool.
Roof constructing tool.
Rope splicing tool.
Rotary buffing tool.
Rotary burnishing tool.
Rotary cutting tool.
Rotary milling tool.
Rotary power tool.
Rotatable sanding or buffing tool.
Scarifying tool.
Screw-driving tool.
Scribing tool.
Self-oiling burnishing tool.
Serving tool.
Sheet metal lagging tool.
Skin clamp-applying tool.
Small electric machine tool.
Sole roughing tool.
Spinning tool.
Spring winding tool.
Staking tool.
Swaging tool.
Taper cutting attachment tool.
Thread cutting tool.
Tire chain tool.
Tire tool.
Track maintenance tool.
Trapper's tool.
Trimming tool.
Tube flanging tool.
Tube flaring tool.
Turnbuckle tool.
Turning tool.
Universal type grinding tool.
Valve reseating tool.
Valve seat grinding tool.
Vertical turret machine tool.
Weed removing tool.
Weeding tool.
Welding tool.
Well drilling tool.
Well scraping tool.
Well tool.
Wire twisting tool.
Woodworking machine tool.
Wrecking tool.

Tool. A. H. Ahrndt. 2,367,552; Jan. 16.
Tool. H. A. Bothner. 2,390,916; Dec. 11.
Tool. P. E. Brooks. 2,386,290; Oct. 9.
Tool. E. T. Daubs. 2,387,430; Oct. 23.
Tool. W. M. Doehring. 2,387,128; Oct. 16.
Tool-adjusting means. H. H. Freeman. 2,369,555; Feb. 13.
Tool and dresser, Radii. S. Barrera. 2,390,914; Dec. 11.
Tool and forming same, Diamond dressing. R. G. Williams. 2,368,696; Feb. 6.
Tool and holder for turret lathes, screw machines, and the like. K. F. Surber. 2,366,810; Jan. 9.
Tool and making the same. L. J. St. Clair. 2,384,204; Sept. 4.
Tool apparatus. E. J. Hart. 2,375,358; May 8.
Toolbox. A. T. Randall. 2,386,573; Oct. 9.
Tool control, Machine. C. Johnson. 2,389,731; Nov. 27.
Tool driver. W. Muir. 2,391,438; Dec. 25.
Tool for aligning plates. F. R. Buckley. 2,376,957; May 29.
Tool for applying electrical and telephone tip terminals. L. Rosenthal. 2,369,180; Feb. 13.
Tool for applying tube sealing devices. A. H. Breslove. 2,385,055; Sept. 18.
Tool for bridging plugs, Setting. D. E. Batchelder. 2,382,770; Aug. 14.
Tool for elevator chains, Lifting. H. C. Medley. 2,377,258; May 29.
Tool for elevator chains, Lifting. H. S. Schneider. 2,377,270; May 29.
Tool for extrusion presses, Discard shearing. H. Lorant. 2,385,144; Sept. 18.
Tool for forming joints. E. E. Howe. 2,381,747; Aug. 7.
Tool for inserting insulating strips, Hand. F. S. Kundtz. 2,388,853; Nov. 13.
Tool for loosening tires. W. E. McCulloch. 2,367,638; Jan. 16.
Tool for making electrical connections. V. E. Carlson. 2,382,292; Aug. 14.
Tool for making strips from sheet material. S. E. King. 2,387,450; Oct. 23.
Tool for removing valve seats, bushings or the like. J. A. Anderson. 2,366,467; Jan. 2.
Tool for securing inserts in tapped holes. H. W. Cram and E. Eckener. 2,390,515; Dec. 11.
Tool for splitting wire or cable covering. W. I. Lindall. 2,368,227; Jan. 30.
Tool for straightening or bending, Automatic press. F. S. Saunders. 2,379,658; July 3.
Tool for stuffing pimiento and the like. M. S. Ball. 2,384,429; Sept. 11.
Tool for wells, Retrievable squeezing. W. W. Whatley, II. 2,379,558; July 3.
Tool for wire coverings, Cutting. O. E. Jones. 2,370,733; Mar. 6.
Tool-guiding apparatus. R. Chelborg and H. Pufahl. 2,373,541; Apr. 10.
Toolhead lock. W. L. Dysart and A. L. Adkins. 2,368,976; Feb. 6.
Toolhead, Multiple operation. G. F. Esson. 2,383,050; Aug. 21.
Tool head or the like. A. E. Schnable. 2,387,412; Oct. 23.
Tool head, Rotary. A. W. Klomp. 2,368,846; Feb. 6.
Toolholder. G. J. Braun. 2,371,377; Mar. 13.
Toolholder. L. B. Brown. 2,373,535; Apr. 10.
Toolholder. C. A. Cherry. 2,384,600; Sept. 11.
Toolholder. J. H. Drake. 2,391,142; Dec. 18.
Toolholder. A. Erickson. 2,373,301; Apr. 10.
Toolholder. V. E. Griffin. 2,386,851; Oct. 16.
Toolholder. J. Grigalauski. 2,375,916; May 15.
Toolholder. A. A. Mercer. 2,370,742; Mar. 6.
Tool holder. E. T. Pringle, Jr. 2,382,911; Aug. 14.
Toolholder. C. A. Rich. 2,377,519; June 5.
Toolholder, Adjustable. J. A. Anania. 2,375,882; May 15.
Toolholder and guard. J. Formosa. 2,366,249; Jan. 2.
Tool holder assembly. A. Kyle and J. A. Johnson. 2,389,858; Nov. 27.
Toolholder for boring machines and the like, Precision. W. Borek. 2,374,325; Apr. 24.
Toolholder for metal planers. L. P. Jarrell. 2,385,519; Sept. 25.
Toolholder for plate shearing machines. A. I. K. Slettengren. 2,374,625; Apr. 24.
Tool holder for radius cutting. W. W. Linyard. 2,377,561; June 5.
Toolholding attachment for lathes. J. A. Honegger. 2,378,923; June 26.
Tool mounting. E. Hijmans. 2,390,148; Dec. 4.
Tool perforating, Heated. M. R. Saslaw. 2,374,706; May 1.
Tool post hold-down, Shaper. F. Johnson. 2,388,547; Nov. 6.
Tool post, Universal lathe. A. F. Feaster. 2,374,477; Apr. 24.
Tool setting gauge. A. T. Hanes, Jr. 2,380,593; July 31.
Tool shank repair process and repair product. H. R. Matson. 2,376,931; May 29.
Toolslide mechanism. R. C. Gocht. 2,369,039; Feb. 6.
Tool steel. F. H. Clark and R. F. Dirkes. 2,369,211; Feb. 13.
Tool structure for two-way planing. G. E. Marx. 2,369,361; Feb. 13.
Tool support. G. S. Boyd. 2,388,522; Nov. 6.
Tool support. E. E. Crane. 2,389,296; Nov. 20.

Tool supporting rack. W. M. Davis. 2,371,433; Mar. 13.
Tool with pilot and holder, Counterboring. V. E. Smith. 2,372,028; Mar. 20.
Tools, Change- speed gearing for machine. A. H. Lloyd. 2,366,974; Jan. 9.
Tools, Lock device for well. R. C. Baker. 2,368,401; Jan. 30.
Tools, Making cutting. O. C. Martin. 2,370,409; Feb. 27.
Tools, Manufacture of diamond. I. A. Rohrig and N. A. Kerstein. 2,382,666; Aug. 14.
Tooth, Artificial. W. D. Raber. 2,370,488; Feb. 27.
Toothbrush. C. Kisky. 2,378,641; June 19.
Tooth-brush, Fountain. A. A. Heideman. 2,370,626; Mar 6.
Toothbrush, Fountain. L. E. Walker. 2,371,936; Mar. 20.
Toothbrush receptacle. C. R. Ross. 2,366,876; Jan. 9.
Toothbrush tufting machine. H. Cave, A. H. Fuller, and A. L. Le Febvre. 2,374,415; Apr. 24.
Tooth, Bulldozer. J. C. Murphy. 2,384,957; Sept. 18.
Tooth, Dipper. A. W. Daniels and J. P. Murtaugh. 2,369.285; Feb. 13.
Tooth, Excavating. J. Baer. 2,385,395; Sept. 25.
Tooth powder and paste dispenser. J. H. Page. 2,389,683; Nov. 27.
Tooth rest, Utility. A. A. Lebermann. 2,368,225; Jan. 30.
Toothed-gear coupling. K. B. Gillmore and R. H. Warde. 2,374,344; Apr. 24.
Top and support therefor, Desk. E. B. Morgan. 2,374,119; Apr. 17.
Top for automobiles, Collapsible. F. Humer. 2,382,635; Aug. 14.
Top for motor vehicles, Collapsible. A. Keller. 2,372,583; Mar. 27.
Top roll assembly. C. N. Benson. 2,367,088; Jan. 9.
Topping machine for canning. L. E. Davies. 2,367,387; Jan. 16.
Topping machine for canning. L. E. Davies. 2,370,292; Feb. 27.
Torch. W. J. Jacobsson and L. W. Young. 2,388,327; Nov. 6.
Torch. G. L. Walker. 2,372,305; Mar. 27.
Torch, Backfire. R. St. J. Orr. 2.376.976; May 29.
Torch, Cutting. D. A. Marra. 2,371,970; Mar. 20.
Torch cutting apparatus. S. W. Hayes. 2,371,048; Mar. 6.
Torch. Divergent-outlet cutting. J. K. Hamilton. 2,373.309; Apr. 10.
Torch, Flame hardening. F. E. Drummond. 2,378,001; June 12.
Torch for welding thermoplastic material. W. M. Phillips, Jr. 2,372,737; Apr. 3.
Torch holding and adjusting device. R. L. Pelland, Jr. 2,390,896; Dec. 11.
Torch, Inert gas blanketed arc welding. R. Meredith. 2,376.265; May 15.
Torch, Multiflame heating. H. G. Hughey. 2,384,920; Sept. 18.
Torch, Underwater. A. Barna. Re. 22,610; Mar. 6.
Torpedo. M. I. Hull. 2,382,058; Aug. 14.
Torpedo defense for ships. G. Provenzano. 2,387,090; Oct. 16.
Torpedo director. W. B. Klemperer and S. J. Goldberg. 2,384,036; Sept. 4.
Torpedo director. E. A. Sperry, Jr., and J. D. Peace, Jr. 2,391,356; Dec. 18.
Torpedo director. E. A. Sperry, Jr., and C. B. Roede. 2,391,357; Dec. 18.
Torpedo discharge means. H. Bradberry. 2,390,688; Dec. 11.
Torpedo launching gear. E. S. Dennison. 2,387,124; Oct. 16.
Torpedo launching mechanism. S. N. Barker, G. S. Selman, V. G. Bull, V. C. E. Marten-Gwilliam, R. Wark, and T. Thomson. 2,390,635; Dec. 11.
Torpedo, Marine. F. J. Wires. 2,382,593; Aug. 14.
Torpedo, Oil discharging. F. M. Rabuse. 2,377,181; May 29.
Torpedo setter, Railroad. L. T. Kirk. 2,387,915; Oct. 30.
Torque applying device. L. J. Collins. 2,371,607; Mar. 20.
Torque converter. E. A. Stalker. 2,389,826; Nov. 27.
Torque converter. E. E. Wemp. 2,368,279; Jan. 30.
Torque converter, Hydraulic. M. C. Long. 2,371,337; Mar. 13.
Torque converter, Hydro-kinetic. M. Katcher. 2,388,418; Nov. 6.
Torque link. D. Z. Erle. 2,371,132; Mar. 13.
Torque thumbscrew. W. L. Coop. 2,373,812; Apr. 17.
Torque transmission. A. Y. Dodge. 2,371,228–9; Mar. 13.
Torque transmission arrangement, Hydraulic. J. H. Doran. 2,374,588; Apr. 24.
Torque tube support. R. W. Brown. 2.381.399; Aug. 7.
Torque wrench. K. R. Larson and G. M. Walraven. 2,367,224; Jan. 16.
Torque wrench. F. W. Livermont. 2,371,901; Mar. 20.
Torques on shafting, Imposing harmonic. G. H. Forsyth. 2,371,984; Mar. 20.
Torsional joint. H. M. Dodge. 2,379,508; July 3.
Totalizing liquid level indicator. J. R. Macintyre. 2,388,559; Nov. 6.
Tourniquet. N. W. Brothers. 2.387,428; Oct. 23.
Tow bar. T. E. Warner. 2,370,926; Mar. 6.
Tow bow and arrow. A. M. Dritz. 2,370,783; Mar. 6.
Tow control for gliders. W. L. Effinger, Jr. 2,373,236; Apr. 10.
Tow glider position indicator. B. G. Carlson. 2,386,884; Oct. 16.
Tow target releasing device. Le R. Jessen. 2,390,538; Dec. 11.
Towing cables and the like, Cutting off. S. G. A. Mandin. 2,389,376; Nov. 20.
Towing device. D. G. Roos. 2,378,504; June 19.
Towel cabinet. E. H. Cooper. 2,367,200; Jan. 16.
Towel dispenser. L. L. Price and M. E. Maltby. 2,369,851; Feb. 20.
Towel dispensing apparatus. F. F. Pulver and W. H. Matthews. 2,378,789; June 19.
Towel rack. J. A. Peterson and J. E. Bruce. 2,388,663; Nov. 6.
Towel rack. G. W. Spiegel and R. H. Morris. 2,374,787; May 1.
Tower. D. Ording and L. S. Vallely. 2,374,889; May 1.
Tower or mast. H. Cohen. 2,369,533–4; Feb. 13.
Tower or mast construction. H. Cohen. 2,387,120; Oct. 16.
Tower, Vehicle mounted. H. A. and G. H. Wagner. 2,385,748; Sept. 25.
Toxicants, Insecticidal. G. H. Coleman, W. D. Schroeder, and G. A. Griess. 2,384,812; Sept. 18.
Toxin for administration by mouth, Preparations of scarlet fever. G. F. Dick, G. H. Dick, and J. E. Wood. 2,369,218; Feb. 13.
Toy. W. A. Ayres. 2,383,232; Aug. 21.
Toy. L. E. Elliott. 2,382,982; Aug. 21.
Toy. J. Greene. 2,383,305; Aug. 21.
Toy. N. F. Grusenmeyer. 2,381,536–7; Aug. 7.
Toy. K. E. Haselton. 2,380,174; July 10.
Toy. M. Herrmann. 2,386,853; Oct. 16.
Toy. E. A. Hornberger. 2,373,957; Apr. 17.
Toy. S. L. Long. 2,376,261; May 15.
Toy. R. C. Olson. 2,385,724; Sept. 25.
Toy. A. Pitar. 2,372,680; Apr. 3.
Toy. M. Rapaport. 2.377.104; May 29.
Toy. A. Raspet. 2,391,797; Dec. 25.
Toy. K. W. Taplin. 2.373.205; Apr. 10.
Toy. E. Valenti. 2,382,186; Aug. 14.
Toy. R. T. Walker. 2,391,529; Dec. 25.
Toy. F. J. Woditsch. 2,389,833; Nov. 27.
Toy, Aerial. E. L. Zwickel. 2.388.513; Nov. 6.
Toy airplane. B. H. Platt. 2,384,193; Sept. 4.
Toy, Animal. H. W. Beaver. 2,382,537; Aug. 14
Toy animal, automobile, and the like propelled by the rider. H. Sebel. 2,379,192; June 26.
Toy, Animated. D. E. Gumb. 2,382,630; Aug. 14.
Toy, Balancing. K. W. Johnson. 2,389,365; Nov. 20.
Toy, Ball-operated. O. F. Larsen, Jr. 2,390,442; Dec. 4.
Toy, Bandalore. P. Gavriles. 2,380,301; July 10.
Toy bank. J. A. Munroe. 2,372,388; Mar. 27.
Toy blocks and container. L. A. Hayes. 2,386,114; Oct. 2.
Toy boat construction. W. L. Ripley. 2.388,340; Nov. 6.
Toy bomb. F. Schloss. 2.390.002; Nov. 27.
Toy bombing game. H. M. Hanna. 2,384,166; Sept. 4.
Toy bulldozer. H. A. Biby. 2,385,965; Oct. 2.
Toy card. H. N. Pedersen. 2,377,572; June 5.
Toy, Constructional. W. C. Beile. 2,383,441; Aug. 28.
Toy, Cradle rocking. J. J. Marshall. 2,385,872; Oct. 2.
Toy crane and self unloading car. R. G. Smith. 2,373,271; Apr. 10.
Toy, Dancing. C. W. Clark. 2,368,805; Feb. 6.
Toy, Educational. P. S. Cardoza. 2,384,280; Sept. 4.
Toy, Educational. V. G. Eisel. 2,385,197; Sept. 18.
Toy electric rolling stock, Current collector for. R. G. Smith. 2,389,280; Nov. 20.
Toy excavator. E. C. Streater. 2,382,346; Aug. 14.
Toy figure. H. Davis. 2,377,616; June 5.
Toy, Figure. G. A. Fullerton. 2,373,556; Apr. 10.
Toy figure. J. L. Kallus. 2,373,963; Apr. 17.
Toy, Figure. W. F. Rau. 2,379,376; June 26.
Toy, Figured wheeled. F. Townsley. 2,389,568; Nov. 20.
Toy firearms. E. O. Blanchette. 2,390,349; Dec. 4.
Toy grenade. H. F. Jackman. 2,367,027; Jan. 9.
Toy gun. W. B. Ford. 2,390.247; Dec. 4.
Toy gun. C. H. Kuhn. 2,386,479; Oct. 9.
Toy gun. R. W. Marshall. 2,383,939; Sept. 4.
Toy gun. T. R. Mendles. 2,371,059; Mar. 6.
Toy helicopter. E. C. Streater. 2,382,347; Aug. 14.
Toy horse. N. F. Atherton. 2,388,110; Oct. 30.
Toy machine gun. W. Majewski. 2,371,249; Mar. 13.
Toy, Mechanical. H. J. Criner. 2,387,565; Oct. 23.
Toy, Mechanical. G. M. Hess. 2,388,483; Nov. 6.
Toy oil-pumping rig. G. W. Eichelberger, Jr. 2,382,782; Aug. 14.
Toy pistol. M. Cohen. 2,376,662; May 22.
Toy pistol. J. H. Wright. 2,375,879; May 15.
Toy projectile-shooting gun. A. N. Smith and D. V. Godfrey. 2,382,514; Aug. 14.
Toy, Pseudo-tracked vehicular. O. F. Larsen, Jr. 2,384,-687; Sept. 11.
Toy, Pull. J. T. Generale. 2,385,914; Oct. 2.
Toy, Pull. H. Gold and R. Paul. 2,380,748; July 31.
Toy rocket chute. W. E. Dodds. 2,380,223; July 10.
Toy rocket projecting gun. R. L. Wulfert. 2,375,607; May 8.
Toy, Sounding. K. W. Taplin. 2,380.273; July 10.
Toy, Steerable. I. L. Yarbrough. 2,386,745; Oct. 9.
Toy structure. C. J. McCoy. 2,375,425; May 8.
Toy submachine gun. W. J. Kelley. 2,376,921; May 29.

Toy tank. G. S. Lawrence. 2,388,638; Nov. 6.
Toy telephone, Candy containing. J. H. Millstein. 2,379,981; July 10.
Toy theater stage. L. Wise. 2,368,188; Jan. 30.
Toy track layout. H. J. Ferri. 2,366,848; Jan. 9.
Toy, Trundle. P. A. Fuld. 2,387,507; Oct. 23.
Toy vehicle. W. N. Wheeler. 2,373,986; Apr. 17.
Toy wagons and steering the same. M. S. Anderson. 2,388,629; Nov. 6.
Toy, Wheeled figure. C. S. Olson. 2,382,091; Aug. 14.
Tracer control for machine tools. P. Volk. 2,378,601; June 19.
Tracer controlled mechanism. C. K. Salisbury. 2,373,265; Apr. 10.
Tracer, Hydraulic. O. E. Rosen. 2,379,037; June 26.
Tracer mechanism. M. Turchan and C. Walker. 2,386,825; Oct. 16.
Tracer mechanism, hydraulic connections and directional control, Profiling and contouring. M. Turchan and C. Walker. 2,390,566; Dec. 11.
Track and assorter, Assembly. N. V. Kuehlman. 2,378,711; June 19.
Track and assorter, Bolt. N. V. Kuehlman. 2,385,141; Sept. 18.
Track block. A. S. Krotz. 2,366,450; Jan. 2.
Track circuit apparatus, Railway. D. W. Dower and A. W. Clark. 2,370,620; Mar. 6.
Track circuit signaling system, Coded. N. D. Preston. 2,371,263–4; Mar. 13.
Track circuits for railroads, Coded. N. B. Coley. 2,381,722; Aug. 7.
Track, Control. N. Levinson. 2,367,294; Jan. 16.
Track, Flexible. E. C. Myers. 2,378,427; June 19.
Track for crawler type vehicles, Separable. R. Mayne. 2,387,802; Oct. 30.
Track for toy vehicles. W. Minner. 2,383,940; Sept. 4.
Track for track-laying vehicles. R. S. Garber. 2,387,387; Oct. 23.
Track for vehicles, Endless. P. H. Johnson. 2,370,667; Mar. 6.
Track maintenance tool. J. G. Schaeufele. 2,382,447; Aug. 14.
Track, Open-center snow. W. H. Hansen. 2,385,758; Sept. 25.
Track, Race. V. J. Schmidt. 2,387,859; Oct. 30.
Track, Self-laying. C. W. Leguillon. 2,385,453; Sept. 25.
Trackway system for train control. M. T. Wintsch. 2,371,568; Mar. 13.
Traction device. L. R. Bergren. 2,367,089; Jan. 9.
Traction tread mechanism for vehicles, Endless. M. W. Morse. 2,376,802; May 22.
Traction unit. W. E. Wine. 2,383,282; Aug. 21.
Traction wheel. N. H. Nelson. 2,382,090; Aug. 14.
Tractional refuse or like can. S. M. Aitelli. 2,366,229; Jan. 2.
Tractor. O. Bernhard. 2,375,184; May 8.
Tractor. T. Brown. 2,378,615; June 19.
Tractor and lift trailer combination. M. Walter. 2,376,296; May 15.
Tractor and trailer construction. E. S. Hoobler. 2,373,398; Apr. 10.
Tractor conveyer. E. H. Spiegl. 2,374,903; May 1.
Tractor for agricultural implements. H. G. Ferguson. Re. 22,642; May 15.
Tractor implement. C. W. Mott. 2,375,026; May 1.
Tractor implement. S. D. Pool and E. L. Faust. 2,371,842; Mar. 20.
Tractor-mounted implement. C. W. Mott. 2,375,025; May 1.
Tractor-mounted implement. J. R. Orelind. 2,371,839; Mar. 20.
Tractor operated disk harrow. H. R. McVicar. 2,376,609; May 22.
Tractor plow construction. J. T. Hopkins. 2,369,353; Feb. 13.
Tractor plow hitch. G. W. Todd. 2,372,459; Mar. 27.
Tractor propelled implement. G. W. Mork. 2,372,220; Mar. 27.
Tractor stabilizer. M. E. Weigand. 2,391,372; Dec. 18.
Tractor, Steerable front wheel drive. E. W. Cole. 2,376,419; May 22.
Tractor trailer assembly. S. B. Winn. 2,367,550; Jan. 16.
Traffic and other marker. J. D. French. 2,366,715; Jan. 9.
Traffic control system. C. C. MacAllister. 2,369,588; Feb. 13.
Traffic control system, Coded centralized. H. C. Sibley, Jr. 2,378,332; June 12.
Traffic controlling apparatus, Railway. E. M. Allen. 2,369,113; Feb. 13.
Traffic controlling system for railroads, Centralized. W. D. Hailes and F. W. Brixner. 2,368,826; Feb. 6.
Traffic controlling system for railroads, Centralized. T. J. Judge. 2,383,803; Aug. 28.
Traffic light. A. E. H. Modern and J. E. Burke. 2,390,610; Dec. 11.
Traffic observing apparatus. T. L. Dimond. 2,378,541; June 19.
Traffic signal. W. B. Terry. 2,387,953; Oct. 30.
Traffic signal light. W. E. Jones. 2,390,592; Dec. 11.
Trailer. K. Ballinger. 2,375,754; May 15.
Trailer. R. Barries. 2,384,591; Sept. 11.
Trailer. W. H. Farr. 2,387,504; Oct. 23.

Trailer. I. E. McGehee. 2,368,936; Feb. 6.
Trailer. F. Neal. 2,370,988; Mar. 6.
Trailer. C. F. Wait. 2,384,659; Sept. 11.
Trailer, Boat. H. S. Sackett. 2,388,870; Nov. 13.
Trailer, Boat launching. F. J. Zorc, Jr. 2,389,338; Nov. 20.
Trailer body for trucks, Combination. R. D. George. 2,369,890; Feb. 20.
Trailer, Combination. R. R. Sampsell. 2,374,383; Apr. 24.
Trailer connection. W. J. Tiner and D. G. Phillips. 2,381,190; Aug. 7.
Trailer coupling mechanism. J. P. K. Fontaine and N. M. Norman. 2,372,943; Apr. 3.
Trailer coupling pin. L. E. Kelley. 2,367,874; Jan. 23.
Trailer hitch. J. P. Heit. 2,372,271; Mar. 27.
Trailer house, Collapsible. B. Hope-Johnson, Jr. 2,380,045; July 10.
Trailer jack. A. H. Bicker. 2,372,705; Apr. 3.
Trailer, Low bed. R. W. Pointer. 2,389,211; Nov. 20.
Trailer suspension. M. D. Sullivan. 2,386,988; Oct. 16.
Trailer tongue construction. W. E. Martin. 2,383,666; Aug. 28.
Trailer toy. J. Gerlache. 2,370,532; Feb. 27.
Trailer vehicle. C. Runyan. 2,383,216; Aug. 21.
Trailway construction, Haulaway. C. C. Stuart. 2,385,115; Sept. 18.
Train booster. J. E. Tavelin. 2,391,657; Dec. 25.
Train order delivering device. A. J. Pieszak and E. M. Mulcahy. 2,377,264; May 29.
Train order holder. V. H. Campbell. 2,377,312; June 5.
Trainer, Director. R. C. Darnell. 2,387,749; Oct. 30.
Trainer, Synthetic flying. H. T. Jeandron. 2,373,313; Apr. 10.
Training apparatus. H. S. Knowles. 2,375,004; May 1.
Training device. E. A. Link. 2,385,291; Sept. 18.
Training device comprising a dummy gun. Z. De Lubicz-Bakanowski and R. Suk. 2,378,840; June 19.
Training equipment for airplane pilots. T. C. Barber. 2,373,653; Apr. 17.
Transcribing apparatus. H. L. Tholstrup. 2,378,371; June 12.
Transducer. L. Fleming. 2,373,181; Apr. 10.
Transducer. A. S. Howell. 2,391,627; Dec. 25.
Transducer, Electroacoustic. E. Burkhardt. 2,368,609; Jan. 30.
Transducer, Electroacoustic. W. R. Harry. 2,387,845; Oct. 30.
Transducer, Piezoelectric. J. P. Arndt, Jr. 2,388,242; Nov. 6.
Transfer apparatus. S. C. Plummer. 2,373,413; Apr. 10.
Transfer means for fibrous material. L. M. Ballamy and R. H. Sheepshanks. 2,377,123; May 29.
Transfer mechanism. F. D. Cornell and E. Jacobsen. 2,390,924; Dec. 11.
Transfer mechanism. H. T. Hallowell, Jr. 2,380,306; July 10.
Transfer mechanism, Artificial. J. Belada and W. B. Hullhorst. 2,377,294; May 29.
Transfer mechanism for calculating machines. R. S. Nilsson. 2,369,974; Feb. 20.
Transfer mechanism for can parts. W. P. Winters. 2,383,528; Aug. 28.
Transfer mechanism for cigar machines. H. H. Wheeler. 2,367,913; Jan. 23.
Transferring catalysts. V. Voorhees. 2,366,372; Jan. 2.
Transformer. C. P. Boucher. 2,371,576; Mar. 13.
Transformer. S. H. M. Dodington. 2,383,475; Aug. 28.
Transformer. C. H. Dunton. 2,388,473; Nov. 6.
Transformer. C. J. Madsen. 2,390,800; Dec. 11.
Transformer. C. E. Seifert. 2,378,884; June 19.
Transformer core, Three-phase. L. W. Chubb. 2,367,927; Jan. 23.
Transformer, High-frequency. C. T. McCoy. 2,375,309; May 8.
Transformer, High-frequency power. W. C. Rudd. 2,366,290; Jan. 2.
Transformer structure, Shielding. A. I. Keto. 2,370,045; Feb. 20.
Transforming substantially non-form-retaining masses into solid cakes or bars, Method and apparatus for. F. F. Pease. 2,373,593; Apr. 10.
Transidithiocyanoethylene as a fungicide. K. G. Nolan. 2,390,037; Nov. 27.
Transition control system. R. M. Dilworth and T. O. Lillquist. 2,388,782; Nov. 13.
Translating apparatus, Electric valve. O. W. Livingston. 2,384,937; Sept. 18.
Translating device. B. B. Bauer. 2,381,861; Aug. 14.
Translating device, Sound. H. Eckardt. 2,379,891; July 10.
Translucent screen. B. M. Bodde. 2,368,099; Jan. 30.
Transmission. H. W. Adams and W. B. Klemperer. 2,377,199; May 29.
Transmission. O. H. Banker. 2,384,448; Sept. 11.
Transmission. O. K. Butzbach. 2,377,206; May 29.
Transmission. H. E. Carnagua and K. K. Stough. 2,384,439; Sept. 11.
Transmission. C. J. Conkle. 2,380,927; Aug. 7.
Transmission. A. Y. Dodge. 2,372,817; Apr. 3.
Transmission. A. Y. Dodge. 2,389,186; Nov. 20.
Transmission. H. C. Hill, H. D. Jackes, and F. M. Kincaid, Jr. 2,368,835; Feb. 6.
Transmission. L. Jacobi. 2,391,783; Dec. 25.

Transmission. J. Jandasek. 2,376,699; May 22.
Transmission. J. Jandasek. 2,377,555; June 5.
Transmission. J. Jandasek. 2,378,085; June 12.
Transmission. J. Jandasek. 2,388,849; Nov. 13.
Transmission. V. Kinser. 2,383,974; Sept. 4.
Transmission. R. Lapsley. 2,368,148; Jan. 30.
Transmission. W. T. Livermore. 2,376,545; May 22.
Transmission. R. M. Nardone. 2,374,829; May 1.
Transmission. P. Orr. 2,372,733–4; Apr. 3.
Transmission. P. Orr. 2,375,031; May 1.
Transmission. P. Orr. 2,375,816; May 15.
Transmission. W. L. Pollard. 2,368,873; Feb. 6.
Transmission. E. E. Wemp. 2,371,564. Mar. 13.
Transmission and control mechanism, Machine tool. J. B. Armitage. 2,382,934; Aug. 14.
Transmission and control mechanism, Machine tool power. J. B. Armitage and T. F. Eserkaln. 2,385,907; Oct. 2.
Transmission arrangement, Hydraulic torque. J. H. Doran. 2,370,526; Feb. 27.
Transmission, Automatic. C. R. Roche. 2,375,440; May 8.
Transmission, Automatic. T. B. Tyler. 2,381,786; Aug. 7.
Transmission, Automatic power. D. Heyer. 2,377,009; May 29.
Transmission cable. C. A. Arens. 2,382,966; Aug. 21.
Transmission cable. C. A. Arens. 2,388,241; Nov. 6.
Transmission, Change-speed. G. T. Randol. 2,383,615; Aug. 28.
Transmission control. P. Orr. 2,368,868; Feb. 6.
Transmission control. W. B. Osborne. 2,374,303; Apr. 24.
Transmission control. J. M. Simpson. 2,368,684; Feb. 6.
Transmission control. S. O. White. 2,388,455; Nov. 6.
Transmission control in two-way signaling system. K. G. Van Wynen. 2,379,768; July 3.
Transmission control means, Change-speed. G. T. Randol. 2,386,174; Oct. 2.
Transmission control mechanism. G. T. Randol. 2,388,763; Nov. 13.
Transmission device. J. J. Dugas. 2,389,490; Nov. 20.
Transmission device. L. Robin and M. Van Roggen. 2,372,226; Mar. 27.
Transmission device for machine tools. E. R. Irstad. 2,371,330; Mar. 13.
Transmission device, Power. M. Ingwer and W. W. Schwarz. 2,387,910; Oct. 30.
Transmission drive. O. K. Kelley. 2,377,696; June 5.
Transmission, Electrical energy. H. J. Tyzzer. 2,376,101; May 15.
Transmission, Fluid flywheel. C. R. Roche. 2,380,074; July 10.
Transmission for aircraft, Change-speed. O. H. Banker. 2,370,131; Feb. 27.
Transmission for machine tools, Hydraulic. I. J. Snader and M. A. Mathys. 2,375,255; May 8.
Transmission for vehicles. F. D. Campbell. 2,377,400; June 5.
Transmission gearing. S. W. Thompson. 2,390,228; Dec. 4.
Transmission, Hydraulic. P. A. Deardorff and C. A. Balton. 2,370,640; Mar. 6.
Transmission, Hydraulic. W. R. Tucker. 2,384,218; Sept. 4.
Transmission, Hydraulic planetary. W. L. Pollard. 2,378,035; June 12.
Transmission, Hydraulic variable speed power. A. Lysholm. 2,383,981; Sept. 4.
Transmission, Hydrodynamic. L. E. La Brie. 2,373,122; Apr. 10.
Transmission, Irreversible. C. F. Hammond. 2,371,442; Mar. 13.
Transmission line. G. L. Tawney. 2,387,783; Oct. 30.
Transmission line coupling system. R. W. Clark. 2,373,458; Apr. 10.
Transmission line termination, Concentric. H. B. Fancher. 2,382,217; Aug. 14.
Transmission lines, High-frequency. M. M. Safford. 2,379,318; June 26.
Transmission, Liquid clutch. F. Nallinger and A. Berger. 2,385,834; Oct. 2.
Transmission measuring system, Telegraph. S. W. Beyland. 2,376,225; May 15.
Transmission mechanism. C. W. Cherry and A. S. Mullgardt. 2,383,107; Aug. 21.
Transmission mechanism. A. T. Nabstedt. 2,370,484; Feb. 27.
Transmission mechanism for reciprocating engines. J. E. Broyles. 2,375,748; May 15.
Transmission mechanism for turning stitching sewing machines, Loop-taker. A. N. Hale. 2,391,155; Dec. 18.
Transmission mechanism of the V-pulley type. G. J. Abbott. 2,378,375; June 19.
Transmission mechanism, Variable speed. C. D. Buck. 2,381,805; Aug. 7.
Transmission mounting. S. M. Friedman. 2,369,292; Feb. 13.
Transmission operating mechanism. E. R. Price. 2,373,259; Apr. 10.
Transmission, Planetary. W. B. Barnes. 2,388,204; Oct. 30.
Transmission, Power. H. W. Gilfillan. 2,375,781–3; May 15.
Transmission, Power. T. Iavelli and W. T. Dunn. 2,375,790; May 15.
Transmission, Synchromesh. O. W. Schotz. 2,376,512; May 22.
Transmission system. H. S. Black. 2,387,712; Oct. 30.
Transmission system. G. M. Giannini. 2,375,099; May 1.
Transmission system. R. H. Herrick. 2,369,460; Feb. 13.
Transmission system. R. H. Herrick. 2,371,291; Mar. 13.
Transmission system. J. G. Mejean and R. H. Amand. 2,366,637; Jan. 2.
Transmission system, Electric power. S. B. Crary. 2,378,752; June 19.
Transmission system, Hydraulic. A. H. Hopmans. 2,385,625; Sept. 25.
Transmission system, Intelligence. G. L. Fredendall. 2,391,776; Dec. 25.
Transmission system, Multichannel carrier. R. C. Taylor. 2,374,567; Apr. 24.
Transmission system, Pulse. C. W. Hansell. 2,381,445; Aug. 7.
Transmission system, Signal. A. V. Loughren. 2,388,001; Oct. 30.
Transmission system, Signal wave. L. G. Abraham. 2,379,055; June 26.
Transmission system, Telegraph. L. M. Potts. 2,367,427; Jan. 16.
Transmission system, Two-way carrier wave signal. L. K. Swart. 2,386,515; Oct. 9.
Transmission unit testing machine. J. Lund. 2,388,425; Nov. 6.
Transmission, Variable. E. W. Speck. 2,377,385; June 5.
Transmission, Variable speed power. K. W. Couse. 2,388,955; Nov. 13.
Transmission, Variable speed power. A. Lysholm. 2,383,980; Sept. 4.
Transmissions for driving calculating machine actuators, Selective ratio. H. T. Avery. 2,377,065; May 29.
Transmitter. L. V. Merrill. 2,386,705; Oct. 9.
Transmitter. M. W. Muehter. 2,375,238; May 8.
Transmitter, Amplifying. W. P. Carstarphen. 2,386,-657; Oct. 9.
Transmitter, Automatic. L. M. Potts. 2,372,515; Mar. 27.
Transmitter, Call. H. W. Goff. 2,372,268; Mar. 27.
Transmitter, Call. L. A. Meacham. 2,386,133; Oct. 2.
Transmitter, Call. J. O. Shepherd. 2,375,179; May 1.
Transmitter, Electric power. G. Abel. 2,383,103; Aug. 21.
Transmitter, Fluid power. L. E. La Brie. 2,389,441; Nov. 20.
Transmitter, Impulse. F. A. Hubbard. 2,388,358; Nov. 6.
Transmitter, Impulse. H. J. Oyler. 2,382,501; Aug. 14.
Transmitter, Radio. E. Green and N. H. Clough. 2,376,480; May 22.
Transmitter, Radio-frequency. J. N. Whitaker. 2,388,233; Oct. 30.
Transmitter, Selecting impulse. L. M. Potts. 2,384,558; Sept. 11.
Transmitter, Telephone call. T. L. Dowey. 2,374,082; Apr. 17.
Transmitter, Telephone call. T. L. Dowey. 2,388,313; Nov. 6.
Transmitter, Telephone call. T. L. Dowey. 2,389,247; Nov. 20.
Transmitter, Telephone call. F. A. Hubbard. 2,375,109; May 1.
Transmitting information. C. H. Kean. 2,372,582; Mar. 27.
Transmitting mechanism, Torque. H. T. Kraft. 2,386,-478; Oct. 9.
Transmitting system. L. S. Rose. 2,375,587; May 8.
Transmitting system. D. Silverman. 2,379,996; July 10.
Transmitting system, Television. A. N. Goldsmith. 2,381,901–2; Aug. 14.
Transmitting unit, Power. P. V. Whitworth. 2,389,174; Nov. 20.
Transparent bodies with items embedded therein, Manufacturing. R. E. Eenigenburg. 2,379,793; July 3.
Transparent canopy mounting. A. M. McConnell and W. E. Braham. 2,367,035; Jan. 9.
Transparent closure mounting. J. G. Shonts and J. B. Pray. 2,379,194; June 26.
Transparent mixture. T. Cordero. 2,382,398; Aug. 14.
Transport vehicle. C. C. Stuart. 2,391,363; Dec. 18.
Transport vehicle. J. A. Watson, Jr. 2,380,562; July 31.
Transportable gun mount. M. Walter. 2,382,836; Aug. 14.
Transportation load and preparing the same. D. F. Hedges. 2,387,902; Oct. 30.
Transportation methods. F. Alabrune. 2,373,086; Apr. 10.
Transporting and dumping equipment. G. R. Dempster. 2,369,722; Feb. 20.
Transporting and dumping equipment. G. R. Dempster. 2,387,500; Oct. 23.
Transporting men and/or material. K. W. Couse, J. E. Young, and R. M. Sutphen. 2,368,288; Jan. 30.
Trap: *See*—
Animal trap.
Equalizing return trap.
Grease trap.
Insect trap.
Liquid trap.
Rodent trap.
Safety ball trap.
Sand trap.
Steam trap.
Waste pipe trap.
Trap. E. F. Andrews. 2,374,522; Apr. 24.
Trap. W. A. Barrows. 2,370,516; Feb. 27.
Trap. W. H. Moore. 2,385,875; Oct. 2.

Trap. V. L. Nemec. 2,391,640; Dec. 25.
Trap. R. Smith. 2,387,811; Oct. 30.
Trap. E. H. Tomey. 2,380,127; July 10.
Trap nest. C. G. Hayes. 2,368,358; Jan. 30.
Trap stand. W. F. Hartman. 2,388,539; Nov. 6.
Trapper's tool. G. M. Coffin. 2,382,774; Aug. 14.
Trash and garbage receptacle. K. L. Brown. 2,386,929; Oct. 16.
Trash burner. F. R. Boedecker. 2,387,005; Oct. 16.
Travel control actuating apparatus. E. A. Rockwell. 2,372,014; Mar. 20.
Traveler. P. C. Wentworth. 2,390,018; Nov. 27.
Traveling case. H. Lathrop. 2,389,788; Nov. 27.
Travelling work support. H. H. Harris. 2,379,960; July 10.
Traverse rod. J. N. Graber. 2,369,227; Feb. 13.
Traversing means for high speed winding. E. Fletcher. 2,377,771; June 5.
Tray. L. Farkas. 2,369,728; Feb. 20.
Tray and cooking rack, Combined oven. H. D. Wall and P. B. Wall. 2,376,640; May 22.
Tray, Ash. J. A. Porter. 2,391,190; Dec. 18.
Tray, Dehydration. A. R. Leyerle. 2,381,608; Aug. 7.
Tray follower construction, Card. K. H. Miller. 2,389,923; Nov. 27.
Tray for vehicles and the like, Ash. H. D. Penney and C. E. Whiteman. 2,377,713; June 5.
Tray former for wrapping machines. O. Sandberg. 2,378,796; June 19.
Tray, Freezing. H. D. Geyer. 2,372,483; Mar. 27.
Tray, Ice. C. R. Carney. 2,369,532; Feb. 13.
Tray, Ice. A. E. Cole. 2,367,098; Jan. 9.
Tray, Ice. D. M. Gibson. 2,367,573; Jan. 16.
Tray, Soap saver. R. A. Endebrock. 2,390,874; Dec. 11.
Tray supporting table. G. L. Cherry and C. C. Veale. 2,371,675; Mar. 20.
Tray with drainage top, Freezing. L. L. Mallard. 2,373,251; Apr. 10.
Tread for track shoes, Reinforced rubber. A. E. Benson. 2,369,130; Feb. 13.
Tread, Tank. C. L. Eksergian and R. B. Temple. 2,389,722; Nov. 27.
Treating and blending heating oils. A. Q. Cato, G. Wash, and A. J. Shmidl. 2,380,294; July 10.
Treating apparatus. N. Ransohoff. 2,377,964; June 12.
Treating citrus fruit. H. E. Greenlaw. 2,369,891; Feb. 20.
Treating fats and fatty oils. E. W. Eckey. 2,378,005–6; June 12.
Treating sewage. R. G. Tyler. 2,379,554; July 3.
Treating tank. R. S. Webster and P. C. Will. 2,386,415; Oct. 9.
Treating the rock, aplite. R. F. Brenner. 2,368,194; Jan. 30.
Treating the rock, aplite. R. F. Brenner. 2,387,561; Oct. 23.
Treating tungstate solutions. B. Burwell. 2,388,306; Nov. 6.
Treating wire for belt manufacture. E. L. Luâces and M. A. Crosby. 2,382,081; Aug. 14.
Treatment apparatus. A. Burton. 2,385,683; Sept. 25.
Treatment of cashew nut shell liquid and the resulting product. R. E. Kremers. 2,380,319; July 10.
Treatment of certain sodium-sulphur compounds to produce certain soluble non-sulphur compounds of sodium. D. Gardner. 2,383,247; Aug. 21.
Treatment of fresh fruits and vegetables in preparation for market. C. De W. Cothran. 2,383,451; Aug. 28.
Treatment of materials. C. H. Giles and D. G. Wilkinson. 2,369,122; Feb. 13.
Treatment of materials, Waterproofing. F. J. Norton. 2,386,259; Oct. 9.
Treatment of paper machine waste water. G. A. McBride. 2,380,252; July 10.
Treatment of pigment comprising calcium carbonate. H. R. Rafton. 2,383,509; Aug. 28.
Treatment of timber or similar material, Process and device for fuel-cell. B. O. Hager and S. B. Kjellstrom. 2,384,027; Sept. 4.
Treatment of water. M. J. Shoemaker. 2,368,574; Jan. 30.
Treatment of wells. A. D. Garrison. 2,379,516; July 3.
Tree, Boot and shoe holding. C. G. Hilton. 2,385,272; Sept. 18.
Tree faller and undercutter. J. T. Paulson. 2,376,270; May 15.
Tree grafting gauge. L. Lovisone. 2,371,454; Mar. 13.
Tree scraper. J. E. Strickland. 2,384,976; Sept. 18.
Tree spraying apparatus. F. M. Moon and W. L. McClellan. 2,367,135; Jan. 9.
Tree-type display rack. H. C. Robinson and T. F. Challis. 2,381,619; Aug. 7.
Triangle, Adjustable. I. Levin. 2,391,466; Dec. 25.
Triangle, Draftsman's. V. Caruso. 2,368,344; Jan. 30.
Triazine condensation products and making same. O. Albrecht, C. Graenacher, and R. Sallmann. 2,374,259; Apr. 24.
Triazole derivatives. G. F. D'Alelio. 2,369,949; Feb. 20.
Triazole derivatives. G. F. D'Alelio. 2,374,335; Apr. 24.
Trichloroacetonitrile, Production of. R. T. Foster. 2,375,545; May 8.
Trick walking cane. B. V. Lukowitz. 2,385,091; Sept. 18.
Tricycle. F. W. Kurth. 2,390,719; Dec. 11.
Trigger. R. Wiles. 2,387,788; Oct. 30.
Trigger action. R. J. Craig. 2,383,044; Aug. 21.
Trigger control mechanism. W. H. D'Ardenne. 2,376,129; May 15.
Trigger mechanism. J. C. Garand. 2,382,410; Aug. 14.
Trigger mechanism. P. Pale. 2,375,381; May 8.
Trigger mechanism. R. V. Shepherd and H. J. Turpin. 2,381,521; Aug. 7.
Trigger, Safety gun. E. A. Anderson. 2,380,140; July 10.
Trigger, Selective single. H. O. Eiane. 2,366,893; Jan. 9.
Trihalo-tetrahydronorpolycyclo-pentadienes. H. A. Bruson. 2,382,038; Aug. 14.
Trim angle indicator. L. F. Carter. 2,384,452; Sept. 11.
Trim ring. W. A. Mulhern. 2,383,071; Aug. 21.
Trimethylamine and sulphur trioxide, Preparation of the addition compound of. H. Z. Lecher and W. B. Hardy. 2,386,693; Oct. 9.
Trimethylethoxysilicane and its preparation. W. H. Daudt. 2,390,518; Dec. 11.
Trimmer. R. A. Ruth. 2,378,249; June 12.
Trimmer and cauterizer for fowl and the like, Beak and wing. J. Lyon. 2,385,633; Sept. 25.
Trimmer, Automatic longitudinal. R. K. Schaefer, B. Allen, and R. Lopez. 2,381,840; Aug. 7.
Trimmer condenser. G. M. Ehlers, J. S. Coldwell, and G. Kodama. 2,370,722; Mar. 6.
Trimmer, Type slug side. C. W. and T. C. Curle, and R. F. Newton, 2,374,655; May 1.
Trimming and pinking device and the like. N. C. Smith. 2,390,745; Dec. 11.
Trimming apparatus. N. M. Olney. 2,374,301; Apr. 24.
Trimming machine. C. L. Knott. 2,379,968; July 10.
Trimming machine. F. C. Lovejoy and L. W. Buxton. 2,375,803; May 15.
Trimming machine. I. W. Schultz. 2,373,267; Apr. 10.
Trimming machine, Weld flash. E. S. Ellis. 2,386,451; Oct. 9.
Trimming mechanism, Dress or skirt. V. J. Sigoda. 2,383,020; Aug. 21.
Trimming tool. E. J. Moffitt. 2,383,335; Aug. 21.
Trinitro-tertiary-butyl-meta-zylene, Purification of. C. J. Teahan. 2,377,727; June 5.
Trinitrotoluene. M. F. Acken and O. E. Olsen. 2,387,488; Oct. 23.
Trinitrotoluene. C. E. Olsen. 2,380,247; July 10.
Trinitrotoluene, Manufacture of. F. S. Chambers, Jr., and C. A. Woodbury. 2,382,133; Aug. 14.
Trinitrotoluene, Purification of. M. F. Acken and R. M. Cavanaugh. 2,380,248; July 10.
Triode, Demountable high-pressure. A. Gaudenzi. 2,368,535; Jan. 30.
Trip device for scale mechanism. E. W. Schellentrager. 2,384,345; Sept. 4.
Tripentaerythritol octanitrate, Preparation of. J. A. Wyler. 2,389,228; Nov. 20.
Triple action automobile body press. W. Ernst. 2,390,359; Dec. 4.
Tripod. C. E. Simpson. 2,388,296; Nov. 6.
Tripod, Folding. T. Petersen. 2,389,911; July 31.
Tripod head. J. Bolsey. 2,384,790; Sept. 18.
Tripod head. A. E. Reeves. 2,375,690; May 8.
Tripod leg, Telescopic. C. W. Trippensee. 2,384,710; Sept. 11.
Tripping-suppressor, Magnetizing-inrush. W. K. Sonnemann. 2,376,830; May 22.
Trisazo-dyestuffs and making same. W. Anderau. 2,369,516; Feb. 13.
Trisazo dyestuffs, their copper compounds, and their manufacture. A. Krebser and W. Bossard. 2,381,599; Aug. 7.
Trisodium phosphate, Manufacture of. M. C. Waddell. 2,375,054; May 1.
Triturating machine. H. H. Wagner. 2,385,767; Sept. 25.
Trolley conductor device. R. P. Hanna and L. F. Brahmer. 2,374,013; Apr. 17.
Trolley conductor device. R. P. Hanna. 2,383,721; Aug. 28.
Trolley conductor insulator. R. P. Hanna, W. B. Atkinson, and L. F. Brahmer. 2,384,995; Sept. 18.
Trolley controlling means. G. H. M. Dahl. 2,376,758; May 22.
Trolley wire hanger. S. S. Matthes. 2,388,860; Nov. 13.
Trommel. C. C. Herbert. 2,375,552; May 8.
Trommel, Pocket. F. F. Dauenhauer. 2,376,128; May 15.
Trona, Solution mining of. R. D. Pike. 2,388,009; Oct. 30.
Tropine, Production of. J. van de Kamp and M. Sletzinger. 2,366,760; Jan. 9.
Trough and mandrel bar arrangement for tube-piercing mills, Outlet. G. J. Kirchner. 2,384,312; Sept. 4.
Trough, Shake conveyer. R. S. Bigelow. 2,384,069; Sept. 4.
Trouser cuff measuring and marking appliance. T. Magnet. 2,370,980; Mar. 6.
Trouser hanger. S. Anthony. 2,382,964; Aug. 21.
Trouser hanger. L. H. Hall. 2,379,634; July 3.
Trouser hanger. R. H. Wollin. 2,382,459; Aug. 14.
Trowel, Bore plastering. H. R. Crane. 2,369,719; Feb. 20.
Truck. W. E. Burbank and D. H. Mitchell. 2,382,856; Aug. 14.

Truck. R. B. Cottrell. 2,375,207; May 8.
Truck. J. Ledwinka. 2,374,218; Apr. 24.
Truck. D. M. Light. 2,368,856; Feb. 6.
Truck. M. H. Martin. 2,366,922; Jan. 9.
Truck. M. H. Martin. 2,373,252; Apr. 10.
Truck. M. H. Martin. 2,378,647; June 19.
Truck. D. H. Mitchell. 2,379,982; July 10.
Truck and brake organization. C. L. Eksergian. 2,384,459; Sept. 11.
Truck and brake therefor, Hand. M. G. Brown. 2,381,642; Aug. 7.
Truck and making same, Vehicle steering. C. E. Frudden. 2,375,167; May 1.
Truck and railway braking system, Railway. C. L. Orr, H. A. Moeller, and J. C. Settles. 2,371,182; Mar. 13.
Truck arrangement. C. A. Edstrom. 2,370,106; Feb. 20.
Truck, Barrel. R. C. Hawkins. 2,385,514; Sept. 25.
Truck body and sub-frame construction. A. F. Meyer and H. C. French. 2,380,861; July 31.
Truck body, Self-loading. J. S. W. Boone. 2,380,917; Aug. 7.
Truck brake. W. L. Nance. 2,389,320; Nov. 20.
Truck, Car. W. H. Baselt and J. E. Flesch. 2,366,691; Jan. 9.
Truck, Car. W. H. Baselt and J. E. Flesch. 2,375,206; May 8.
Truck, Car. T. V. Buckwalter. 2,375,727; May 8.
Truck, Car. R. B. Cottrell. 2,366,180; Jan. 2.
Truck, Car. R. B. Cottrell. 2,368,641; Feb. 6.
Truck, Car. R. B. Cottrell. 2,375,208; May 8.
Truck, Car. R. L. Edgar. 2,377,768; June 5.
Truck, Car. C. A. Edstrom. 2,370,105; Feb. 20.
Truck, Car. D. M. Light. 2,366,973; Jan. 9.
Truck, Car. D. M. Light. 2,367,510; Jan. 16.
Truck, Car. D. M. Light. 2,378,228–9; June 12.
Truck, Car. D. M. Light. 2,378,414–15; June 19.
Truck, Car. R. C. Pierce. 2,377,178; May 29.
Truck, Car. R. C. Pierce. 2,380,902; July 31.
Truck, Car. F. S. Schrage. 2,368,784; Feb. 6.
Truck, Car. J. A. Shafer. 2,385,476; Sept. 25.
Truck, Car. W. H. Statler and L. G. Miller. 2,386,577; Oct. 9.
Truck, Carboy. E. W. Burke. 2,389,294; Nov. 20.
Truck construction, Shop. F. Plecki. 2,373,412; Apr. 10.
Truck driving mechanism. M. G. Clay. 2,384,366; Sept. 4.
Truck, Dump. C. W. Reed. 2,370,489; Feb. 27.
Truck, especially for rail cars. H. K. Harwick. 2,371,621; Mar. 20.
Truck, especially for rail cars. J. Ledwinka. 2,370,605; Feb. 27.
Truck for trailer vehicles. L. W. Whitmer. 2,379,265; June 26.
Truck for trailers, Front. E. C. McDaniel. 2,379,170; June 26.
Truck, Fork-lift. J. R. Alfonte. 2,388,458; Nov. 6.
Truck, Fork lift. G. L. Clapp. 2,387,744; Oct. 30.
Truck frame. E. F. Norelius. 2,378,942; June 26.
Truck, Hand. G. L. Austin. 2,381,858; Aug. 14.
Truck, Hand. H. Vogt. 2,373,279; Apr. 10.
Truck, Hand lift. G. Quayle. 2,369,854; Feb. 20.
Truck, High-speed railway car. C. J. Holland and K. Edahl. 2,387,072; Oct. 16.
Truck, Industrial. E. R. Barrett. 2,366,378; Jan. 2.
Truck, Industrial. E. A. Drott and J. H. Kerber. 2,387,568; Oct. 23.
Truck, Industrial. E. J. Dunham. 2,368,121–2; Jan. 30.
Truck, Industrial. E. J. Dunham and K. E. Mulvany. 2,381,729; Aug. 7.
Truck, Industrial. H. B. Lewis. 2,370,866; Mar. 6.
Truck, Industrial. H. F. Wilms. 2,371,661; Mar. 20.
Truck, Lift. G. V. Johnson. 2,387,077; Oct. 16.
Truck, Lift. C. E. Klumb and C. Gruel. 2,372,585; Mar. 27.
Truck, Lift. C. S. Schroeder. 2,367,061; Jan. 9.
Truck, Lift. W. Stuebing, Jr. 2,389,563; Nov. 20.
Truck, Lifting. W. C. House. 2,388,692; Nov. 13.
Truck, Lifting. G. Quayle. 2,367,051; Jan. 9.
Truck, Material handling. H. A. and G. H. Wagner. 2,386,519; Oct. 9.
Truck, Motorized hand. J. L. Waters. 2,377,389; June 5.
Truck or vehicle. E. M. Arentzen. 2,378,892; June 26.
Truck, Pick-up. B. A. Diesel. 2,385,196; Sept. 18.
Truck, Pigeonhole rack. R. G. Le Tourneau. 2,371,055; Mar. 6.
Truck, Power-operated industrial lift. E. Wolf. 2,384,059; Sept. 4.
Truck, Railway. K. Douglass and C. R. Moline. 2,389,614; Nov. 27.
Truck, Railway. J. J. Harley and J. C. Travilla, Jr. 2,373,756; Apr. 17.
Truck, Railway. E. C. Jackson and C. F. Frede. 2,379,005; June 26.
Truck, Railway. J. C. Travilla, Jr. and A. H. Pagenkemper. 2,376,735; May 22.
Truck, Railway car. G. E. Dath. 2,378,537–8; June 19.
Truck, Railway car. G. E. Dath. 2,389,123; Nov. 20.
Truck, Railway car. G. E. Dath. 2,390,206; Dec. 4.
Truck, Railway car. W. A. Geiger. 2,374,534; Apr. 24.
Truck, Railway car. S. B. Haseltine. 2,379,521; July 3.
Truck, Railway car. R. Leppla. 2,373,576; Apr. 10.
Truck, Railway car. R. Leppla. 2,389,521; Nov. 20.
Truck, Railway vehicle. F. L. Alben and B. F. Langer. 2,384,785; Sept. 18.
Truck, Rebrass. J. W. Burnett. 2,384,235; Sept. 4.
Truck self-loader attachment. S. Smith. 2,387,687; Oct. 23.
Truck, Service. W. Wenthe. 2,385,559; Sept. 25.
Truck standard, Rotatable. L. M. Roberson. 2,372,120; Mar. 20.
Truck suspension system. O. K. Kjolseth. 2,373,581; Apr. 10.
Truck, Torsionally neutralized railway. C. Breer and R. N. Janeway. 2,371,796; Mar. 20.
Truck, Utility. E. Wolf. 2,390,763; Dec. 11.
Truck, Wheel driven distributor. A. R. Flink. 2,383,121; Aug. 21.
Truckman's handle. G. C. Sterrett. 2,367,627; Jan. 16.
Trucks and the like, Preventing the unauthorized operation of industrial. C. E. Cochran. 2,389,765; Nov. 27.
True motion connecting rod. E. C. Steiner. 2,390,623; Dec. 11.
Truing machine. R. Seifried. 2,371,587; Mar. 13.
Trunk and cot, Combination. K. J. Terrell. 2,371,481; Mar. 13.
Trunk, Wardrobe. W. H. Bracken. 2,385,910; Oct. 2.
Trunnion mount for machine guns. J. R. Austin, W. G. Smith, and G. R. Oscar. 2,366,704; Jan. 9.
Trunnion tilt corrector apparatus. W. B. Jordan and F. V. Johnson. 2,390,374; Dec. 4.
Truss. C. G. Hildreth. 2,388,847; Nov. 13.
Truss. E. Hyatt. 2,388,360; Nov. 6.
Truss. C. Raw. 2,372,010; Mar. 20.
Truss and the like, Timber. E. S. Lank. 2,385,142; Sept. 18.
Truss bracket. F. W. Schwinn. 2,384,968; Sept. 18.
Truss, Roof. J. F. Blaski. 2,369,525; Feb. 13.
Truss structure and parts thereof. M. Watter. 2,386,019; Oct. 2.
Tub, Collapsible foot. S. O. Jacks. 2,382,637; Aug. 14.
Tube: *See*—
Air cleaner equipped filler tube.
Bimetal tube.
Bipartite tube.
Cathode ray television tube.
Cathode ray tube.
Collapsible tube.
Detonating tube.
Electric tube.
Electron camera tube.
Electron discharge tube.
Electron tube.
Electronic tube.
Gaseous discharge tube.
Heat exchanger fin tube.
Liquid gauge tube.
Microphonic electron tube.
Nonmicrophonic tube.
Ocular tube.
Oil cooler tube.
Push-pull electron tube.
Pyrometer tube.
Radio tube.
Reactance tube.
Reinforced tube.
Television pick-up tube.
Terminal stuffing tube.
Thermocouple tube.
Ultra-high-frequency tube.
Vacuum tube.
Tube adapter for supporting tubes or the like, Releasing. G. B. Markle, Jr. 2,381,301; Aug. 7.
Tube aligning mechanism. F. J. Cozzoli. 2,381,436; Aug. 7.
Tube and anode plate therefor, Thermionic. M. Bareiss. 2,387,238; Oct. 23.
Tube and base structure. W. P. Kruger. 2,383,263; Aug. 21.
Tube and protective sleeve assembly. A. L. Parker. 2,391,266; Dec. 18.
Tube and working circuit therefor, Multianode electron. G. Pasqualigo. 2,383,886; Aug. 28.
Tube assembly, Combustion. H. W. Dietert. 2,370,293; Feb. 27.
Tube attachment for dental instruments, Spray L. Bailenson. 2,369,880; Feb. 20.
Tube bender. B. R. Lancaster. 2,371,695; Mar. 20.
Tube bending machine. A. Schmitt. 2,389,937; Nov. 27.
Tube cleaner. C. A. Stine. 2,367,900; Jan. 23.
Tube cleaner motor. V. H. Baker and P. T. Keebler. 2,384,872; Sept. 18.
Tube cleaning apparatus for boilers and the like. C. F. Lumb and F. G. W. Spears. 2,384,940; Sept. 18.
Tube closure. S. H. Phillips and C. C. Wisberg. 2,371,913; Mar. 20.
Tube closure machine, Welded. W. W. Heckethorn. 2,384,740; Sept. 11.
Tube cooler. W. J. Roberts and S. W. Traylor, Jr. 2,368,881; Feb. 6.
Tube coupling. C. B. Livers. 2,381,829; Aug. 7.
Tube drawing apparatus. R. E. Slater. 2,369,260; Feb. 13.
Tube flanging tool. T. H. Swyers. 2,370,089; Feb. 20.
Tube flaring tool. E. R. Capewell. 2,373,946; Apr. 17.
Tube folding apparatus, Collapsible. G. M. Booth. 2,381,716; Aug. 7.
Tube folding apparatus, Collapsible. M. H. Cubberley. 2,381,717; Aug 7.
Tube forming die. E. Bertalan. 2,373,531; Apr. 10.
Tube forming die. E. Bertalan and E. U. Rice. 2,373,530; Apr. 10.
Tube holder. G. D. Walker, C. E. Oulsnam, and F. Krysa. 2,391,528; Dec. 25.
Tube instrument, Temperature compensated bourdon. R. J. Ingham, Jr. 2,387,909; Oct. 30.
Tube machine. J. P. Ratay. 2,390,171; Dec. 4.
Tube mandrels, Forming flowmeter. C. E. Cox. 2,384,800; Sept. 18.

Tube mills or crushing mills, containing balls or similar crushing bodies, Lining for. J. F. Henricot. 2,367,464; Jan. 16.
Tube mount. J. W. Wohlhieter. 2,386,732; Oct. 9.
Tube or hollow core for packages of yarn and the like, Cop. H. L. Amrhein and E. E. Fuller. 2,381,869; Aug. 14.
Tube radiation with internal metallic conduction. T. J. Lehane and J. Van Vulpen. 2,372,502; Mar. 27.
Tube reducing mill. G. B. Coe. 2,388,251; Nov. 6.
Tube severing machine. E. G. Cicchetti and F. D. Lewis. 2,374,806; May 1.
Tube socket with built-in radio-frequency by-pass condensers, Shielded. N. M. Raskhodoff. 2,369,177; Feb. 13.
Tube splicer. R. E. Bailey and A. C. Tricker. 2,367,191; Jan. 16.
Tube straightening machine. C. L. Dewey. 2,384,457; Sept. 11.
Tube structure. A. L. Parker. 2,383,733; Aug. 28.
Tube system, Reactance. W. van B. Roberts. 2,371,651; Mar. 20.
Tube testing apparatus E. Blair. 2,385,491; Sept. 25.
Tube testing connection, Pitot-static. W. H. Jordan. 2,371,243; Mar. 13.
Tube testing device. W. De Verter. 2,380,095; July 10
Tubes and the like, Manufacture of collapsible. C. E. Voke. 2,383,230; Aug. 21.
Tubes, Cold-working magnesium alloy. H. W. Schmidt. 2,378,729; June 19.
Tubes, Constructing safety inner. F. A. Krusemark. 2,372,382; Mar. 27.
Tubes in headers for tube plates, Fastening. F. M. Young. 2,368,391; Jan. 30.
Tubes in tube seats, Expanding. P. J. Welch. 2,389,098; Nov. 13.
Tubes, Making composite. M. G. Murray. 2,371,348; Mar. 13.
Tubes, Making inner. J. W. Waber. 2,379,122; June 26.
Tubes, Manufacturing. G. E. Barnhart. 2,391,766; Dec. 25.
Tubes, Proofing. G. E. Steinel. 2,381,383; Aug. 7.
Tubes, Sealing filled. F. J. Cozzoli. 2,379,342; June 26.
Tubes, Testing core. H. T. Booth. 2,371,217; Mar. 13.
Tubing. R. H. Hobrock. 2,380,107; July 10.
Tubing and needle holder. L. H. Perry. 2,366,424; Jan. 2.
Tubing construction. G. Toepper and J. F. P. Farrar. 2,385,389; Sept. 25.
Tubing, Extruded thermoplastic. C. E. Slaughter. 2,377,908; June 12.
Tubing, Fabrication of. C. E. Slaughter. 2,383,520; Aug. 28.
Tubing for transportation, Preparing. I. D. Thornburgh. 2,386,823; Oct. 16.
Tubing head and tubing support, Combination. E. D. Garrett. 2,383,248; Aug. 21.
Tubing, Laminated. J. N. Tynan. 2,382,834; Aug. 14.
Tubing, Making. W. D. Blatz. 2,387,051; Oct. 16.
Tubing, Making corrugated. F. G. Tritt. 2,384,055; Sept. 4.
Tubing, Manufacture of. J. Karmazin. 2,375,661; May 8.
Tubing, Noncollapsible. R. E. Fogg. 2,371,042; Mar. 6.
Tubing on wire cables, conduits, and the like, Applying insulating. M. O. Searle. 2,366,359; Jan. 2.
Tubosuperchargar system. S. A. Moss. 2,380,777; July 31.
Tubs and supports therefor, Twin portable. H. E. Meyer. 2,384,112; Sept. 4.
Tubs or similar articles, Making. R. M. Chesney. 2,378,982; June 26.
Tubular article, Smooth surfaced. C. M. Wood and C. L. Jones. 2,369,629; Feb. 13.
Tubular articles, Method of and apparatus for forming. E. L. Perry. 2,385,230; Sept. 18.
Tubular construction. O. Rasor. 2,380,549; July 31.
Tubular container. H. A. Wansker. 2,367,705; Jan. 23.
Tubular expansible member, Edge-wound. B. F. Tellkamp. 2,376,634; May 22.
Tubular frame construction. W. H. Neely. 2,371,407; Mar. 13.
Tubular insert. J. Rosan. 2,370,327; Feb. 27.
Tubular joint members, Building up. A. L. Stone. 2,390,624; Dec. 11.
Tubular material, Manufacturing. J. H. Smith. 2,379,258; June 26.
Tubular netting. H. Mehler. 2,376,442; May 22.
Tubular products, Manufacture of. F. C. Browne. 2,386,-653; Oct. 9.
Tubular remote-control device. L. Herkert. 2,372,204; Mar. 27.
Tubular wire stranding machine. C. Jones. 2,371,523; Mar. 13.
Tucker adjusting mechanism. H. J. Werden and F. G. Werden. 2,367,160; Jan. 9.
Tucking and folding mechanism for wrapping machines. C. Arelt. 2,385,675; Sept. 25.
Tufted and knotted material. C. Caruso and D. Rich. 2,366,437; Jan. 2.
Tufted articles, Method and machine for making. J. S. Kile. 2,389,914; Nov. 27.
Tumbler. J. P. Jorgenson and A. G. Kling. 2,380,652; July 31.
Tumbling device. G. P. Nissen. 2,370,990; Mar. 6.
Tumbling machine. J. E. Vetorino. 2,368,586; Jan. 30.
Tumbling mechanism. F. C. Hoffman. 2,370,792; Mar. 6.
Tuna fish, Packing. K. and G. K. Wuori. 2,373,988; Apr. 17.
Tuner and contact therefor, Inductive. W. H. Kunz. 2,377,789; June 5.
Tuner, Automatic. L. J. Leishman. 2,374,824; May 1.
Tuner, Automatic. LeR. J. Leishman. 2,378,023; June 12.
Tuner, Push button. L. J. Leishman. 2,374,293; Apr. 24.
Tuning aid, Frequency modulation receiver. W. R. Koch. 2,371,397; Mar. 13.
Tuning arrangement for wireless receivers. C. L. Richards. 2,381,227; Aug. 7.
Tuning arrangement in radio receivers. D. M. Ambrose. 2,377,475; June 5.
Tuning control. K. Clark. 2,376,901; May 29.
Tuning control mechanism. W. T. Cooke and K. L. Schussman. 2,380,946; Aug. 7.
Tuning device for radio circuits. E. Garthwaite. 2,385,131; Sept. 18.
Tuning device, Spread band. V. R. Beck. 2,383,462; Aug. 28.
Tuning device, Spread band. Z. Benin. 2,383,463; Aug. 28.
Tuning device with stop mechanism. H. C. Hall. 2,377,790; June 5.
Tuning means, Mechanical. S. S. Cramer. 2,386,598; Oct. 9.
Tuning mechanism. B. A. Schwarz. 2,389,213; Nov. 20.
Tuning mechanism for radio receivers and the like. H. J. McGarvey. 2,372,099; Mar. 20.
Tuning of transmitters, Automatic. O. B. Cunningham, H. Sussman, and S. Gubin. 2,376,667; May 22.
Tuning structure for radio sets. S. S. Cramer. 2,389,487; Nov. 20.
Tuning system, Oscillator. H. L. Donley. 2,382,615; Aug. 14.
Tuning system, Permeability. W. R. Koch. 2,389,986; Nov. 27.
Tuning system, Variable. H. B. Stott. 2,390,009; Nov. 27.
Tungsten containing ferrous alloys, Producing. A. Linz. 2,381,674; Aug. 7.
Tungsten ore flotation. E. W. Gieseke. 2,373,305; Apr. 10.
Tungstic acid, Production of. G. A. Stein and W. J. Moran, Jr. 2,368,580; Jan. 30.
Tunnel balance, Wind. C. Goldberg. 2,380,516; July 31.
Tunnel construction, Underground. C. D. Jacobs. 2,377,012; May 29.
Tunnel segment and making same. L. Fine and H. B. Kelchner. 2,366,961; Jan. 9.
Tunneling method. F. P. Ayers. 2,385,251; Sept. 18.
Turbine. W. E. Caldwell. 2,377,611; June 5.
Turbine. E. Dupont. 2,374,671; May 1.
Turbine. F. R. Viera. 2,378,740; June 19.
Turbine, Aircraft landing wheel. L. R. Lueck. 2,377,638; June 5.
Turbine and compressor. F. Whittle. 2,378,372; June 12.
Turbine apparatus. J. S. Newton. 2,389,074; Nov. 13.
Turbine arrangement, Aircraft gas. E. S. Clark. 2,388,952; Nov. 13.
Turbine arrangement, Elastic fluid. R. P. Schlenker. 2,386,067; Oct. 2.
Turbine arrangement, Elastic fluid. G. B. Warren. 2,376,212; May 15.
Turbine construction. R. R. Snyder. 2,390,133; Dec. 4.
Turbine control apparatus. J. R. Hagemann. 2,386,110; Oct. 2.
Turbine. Elastic fluid. D. J. Bloomberg. 2,390,772; Dec. 11.
Turbine, Elastic fluid. G. B. Warren. 2,379,770; July 3.
Turbine electric drive, Marine. A. F. Schwendner. 2,382,507; Aug. 14.
Turbine, Gas. J. S. Alford. 2,383,948; Sept. 4.
Turbine, Gasoline. A. Orloff. 2,386,497; Oct. 9.
Turbine installation, Gas. M. H. L. Sédille. 2,374,239; Apr. 24.
Turbine locomotive control system. C. C. Whittaker. 2,372,151; Mar. 20.
Turbine, Multistage high pressure elastic fluid. J. F. Jefferson. 2,388,975; Nov. 13.
Turbine nozzle structure. C. E. Kenney. 2,391,786; Dec. 25.
Turbine or the like, Gaseous fluid. A. P. E. Planiol and R. J. H. Planiol. 2,369,795; Feb. 20.
Turbine rotor, Welded. W. Huber. 2,369,051; Feb. 6.
Turbine system. J. S. Haverstick. 2,382,564; Aug. 14.
Turbine type engine. E. H. Wright. 2,370,217; Feb. 27.
Turbine with overhung rotor. A. Büchi. 2,390,506; Dec. 11.
Turbocompressor. A. A. Griffith. 2,391,779; Dec. 25.
Turbodissolver. C. R. Rechtin and J. E. Trostle. 2,390,898; Dec. 11.
Turbodrive control. H. O. Schjolin. 2,380,677; July 31.
Turboengine drive, Combustion. F. Nettel and J. Kreitner. 2,380,989; Aug. 7.
Turbosupercharger. J. S. Alford. 2,372,467; Mar. 27.

Turbotransmission. J. Jandasek. 2,368,711; Feb. 6.
Turbotransmission. J. Jandasek. 2,373,894; Apr. 17.
Turbo transmission. R. J. Miller. 2,379,174; June 26.
Turbotransmission. J. R. Teagno. 2,376,462; May 22.
Turbo transmission. J. R. Teagno. 2,377,825–6; June 5.
Turbulence producing valve. A. H. Wassman. 2,383,697; Aug. 28.
Turnbuckle securing device. C. E. Schubert. 2,367,740; Jan. 23.
Turnbuckle tool. S. H. Knowles. 2,390,310; Dec. 4.
Turnbuckle wrench. J. H. Dye. 2,389,248; Nov. 20.
Turnbuckle wrench. V. Price. 2,386,342; Oct. 9.
Turn button fastener. H. J. Murphy. 2,382,943; Aug. 14.
Turncocks, Making. J. C. Fuller. 2,387,013; Oct. 16.
Turn error preventing means for gyro-verticals. F. D. Braddon and L. F. Carter. 2,369,131; Feb. 13.
Turnover apparatus, Package. W. B. Ranney. 2,370,325; Feb. 27.
Turntable, Crane. J. D. Rauch. 2,366,558; Jan. 2.
Turntable for phonographs and sound recorders. V. L. Roberts. 2,381,927; Aug. 14.
Turn-tilt unloading toy railway car. R. G. Smith. 2,373,148; Apr. 10.
Turner, Automatic welt. J. D. Moyer. 2,376,267; May 15.
Turner, Log. J. A. Weber. 2,382,837; Aug. 14.
Turning device for the wheels of an aircraft landing gear. J. M. Johnson and F. M. Straka. 2,382,321; Aug. 14.
Turning device, Wood. G. Burgeson. 2,388,825; Nov. 13.
Turning impedances for high radio frequencies. G. E. Pray. 2,366,750; Jan. 9.
Turning machine. W. Siegerist. 2,389,556; Nov. 20.
Turning machine controlled by the diameter of the work. H. L. and A. B. MacNeill. 2,374,365; Apr. 24.
Turning tool. V. W. Gideon. 2,380,039; July 10.
Turpentine and like matters and products thereof, Hydrating. T. Hasselstrom and B. L. Hampton. 2,385,572; Sept. 25.
Turret attachment for drill processes. P. B. Drane. 2,368,009; Jan. 23.
Turret control. L. S. Sheldrick, E. J. Farkas, and E. Nador. 2,382,110; Aug. 14.
Turret for mobile tanks, Gun. W. M. Pohl. 2,388,010; Oct. 30.
Turrethead locking means. E. P. Bullard, III, E. N. Cowell, and P. H. Lane. 2,369,209; Feb. 13.
Turret press. W. Ernst. 2,382,041; Aug. 14.
Turret slide clamp. O. Kylin. 2,373,637; Apr. 10.
Turret, Tailstock. E. Zuellig. 2,371,014; Mar. 6.
Turret toolholder. C. E. Wyrick. 2,368,736; Feb. 6.
Turret, Transparent nose. D. S. Elliott. 2,372,939; Apr. 3.
Tuyère block. E. A. Strang. 2,373,792; Apr. 17.
Tuyère construction. D. E. Mackenzie and G. H. Wolfe. 2,388,275; Nov. 6.
Tweezer implement and the like. E. A. Neugass. 2,376,448; May 22.
Tweezers. H. A. Slad. 2,381,084; Aug. 7.
Tweezers and magnifying device, Combination. G. B. Brustolon. 2,387,054; Oct. 16.
Twin claw battery clamp. J. Vizniowski. 2,369.872; Feb. 20.
Twin coil furnace. M. Tama. Re. 22,602; Feb. 13.
Twin-cylinder constant speed hydraulic system. W. R. Tucker. 2,374,630; Apr. 24.
Twine and producing the same, Paper. M. Katz. 2,388,745; Nov. 13.
Twine holder. C. D. Threlkeld. 2,391,364; Dec. 18.
Twist drill gauge. A. R. J. Poncelet. 2,377,715; June 5.
Twister. E. C. Gwaltney and H. R. Marsh. 2,374,085; Apr. 17.
Twister, Double twist. F. J. Kent. 2,379,806; July 3.
2-amino 4-methylpyrimidine. E. H. Northey. 2,378,318; June 12.
2-amino-pyrimidenes, Producing. M. N. Dvornikoff. 2,391,822; Dec. 25.
2-amino-thiazole, Preparation of. E. C. Britton and K. G. Harding. 2,387,212; Oct. 16.
Two-cycle engine. F. Carter. 2,381,646; Aug. 7.
Two-cycle gas engine. F. M. Jones. 2,376.968; May 29.
Two-cycle internal-combustion engine. C. G. Curtis. 2.367.565; Jan. 16.
Two-cycle sleeve-valve engine. H. R. Ricardo. 2,367,963; Jan. 23.
Two-cycle solid-fuel injection supercharged engine. E. Moore. 2,383.336; Aug. 21.
2,4-dinitro-6-cyclohexyl-phenol, Manufacture of. J. W. Britton and R. C. Dosser. 2,384,365; Sept. 4.
2,4-oxazolidinedione, Derivatives of. R. W. Stoughton. 2,372,861; Apr. 3.
2-halogenoethoxy silicon compounds. W. I. Patnode and R. O. Sauer. 2,381,138; Aug. 7.
2-methyl-4-ketol-1,3-dioxolane, Preparation of. R. F. Conaway. 2.370.779; Mar. 6.
2-nitro-3-methoxy-phenol and making same. C. B. Jaeger, Jr. 2,385,282; Sept. 18.
2-oxazolines, Preparing. P. F. Tryon. 2,372,409; Mar. 27.
2-oxazolines, Production of. P. F. Tryon. 2,372,410; Mar. 27.
2,6-dinitro-4-sulpho-toluene, Preparing. M. Witte. 2.378,168; June 12.
2,6-nitro chlor toluene, Bromination of. J. Ogilvie. 2,387,341; Oct. 23.
Two-speed motor. E. O. Thompson. 2,388,884; Nov. 13.
Two-speed transmission. V. A. Larsen. 2,379,164; June 26.
Two stage rotary mill. R. C. Hopkins. 2,377,496; June 5.
Two-stage water heater. E. R. Koppel. 2,374,757; May 1.
Two-stroke cycle engine. B. Bolli. 2,377,068; May 29.
2-substituted furan-3,4-dicarboxylic acids and their corresponding saturated analogues. K. Hofmann. 2,382,418; Aug. 14.
2:3 butanediol, Producing. A. J. Liebmann and G. de Becze. 2,389,263; Nov. 20.
Two-way clutch. K. Miller. 2,379,023; June 26.
Two-way clutch. W. C. Thelander. 2,379,024; June 26.
Two-way overrunning clutch. W. E. Swift, Jr. 2,378,954; June 26.
Tying machine. B. H. Bunn. 2,366,235; Jan. 2.
Tying machine. B. H. Bunn. 2,367,658; Jan. 23.
Tying machine. B. H. Bunn. 2,371,024; Mar. 6.
Tying machine for elongated packages. B. H. Bunn. 2,372,763; Apr. 3.
Tying members, Manufacturing. W. R. Schindler. 2,371,357; Mar. 13.
Type bar operating mechanism for typewriters. P. J. Thyer. 2,372,616; Mar. 27.
Type chase. F. Kohnle. 2,373,966–7; Apr. 17.
Typesetting machine. P. Vassallo. 2,371,484; Mar. 13.
Type size and space gauge. I. F. T. Rigby. 2,376,811; May 22.
Type slug end cutter. C. W. Curle, T. C. Curle, and R. F. Newton. 2,369,947; Feb. 20.
Typewriter. W. W. Davidson. 2,386,442; Oct. 9.
Typewriter attachment. R. Dow. 2,369,445; Feb. 13.
Typewriter, Automatic composing. B. E. Reynolds. 2,375,135; May 1.
Typewriter, Calculating. H. Schuler, H. Gruttner, and E. Dronigke. 2,387,618; Oct. 23.
Typewriter calculating machine. R. Anschütz and E. H. Kämmel. 2,378,527; June 19.
Typewriter carton, Interchangeable. L. F. Perkins. 2,370,749; Mar. 6.
Typewriter desk. M. O. Mowat. 2,369,069; Feb. 6.
Typewriter escapement control mechanism. H. M. Harrison. 2,380,432; July 31.
Typewriter machine. R. Von Reppert. 2,377,831; June 5.
Typewriter support. W. H. Schuh. 2,370,607; Feb. 27.
Typewriters, Roll for. R. A. Gordon. 2,389,499; Nov. 20.
Typewriting and accounting machine. O. J. Sundstrand. 2,370,505; Feb. 27.
Typewriting and accounting machine. O. J. Sundstrand. 2,371,558; Mar. 13.
Typewriting and accounting machine. E. L. Wise. 2,371,118; Mar. 6.
Typewriting and computing machine, Combined. H. L. Pitman. 2,372,681; Apr. 3.
Typewriting and manifolding. S. H. Plum, II. 2,390,554; Dec. 11.
Typewriting machine. A. Colombo. 2,375,526; May 8.
Typewriting machine. W. A. Dobson. 2,384,017; Sept. 4.
Typewriting machine. R. D. Dodge. 2,372,886; Apr. 3.
Typewriting machine. W. F. Helmond. 2,384,030; Sept. 4.
Typewriting machine. J. J. Kittel. 2,383,256–60; Aug. 21.
Typewriting machine. F. P. Kuhl. 2,391,097; Dec. 18.
Typewriting machine. W. H. Kupper. 2,386,480; Oct. 9.
Typewriting machine. A. G. F. Kurowski. 2,387,078; Oct. 16.
Typewriting machine. M. H. Mann. 2,370,478; Feb. 27.
Typewriting machine. W. T. Sagner. 2,369,315; Feb. 13.
Typewriting machine. J. F. Smathers. 2,385,035–6; Sept. 18.
Typewriting machine. R. von Reppert. 2,379,843; July 3.
Typewriting machine. C. Walker. 2,387,785; Oct. 30.
Typewriting machine. C. Walker and W. H. Wade. 2,369,695; Feb. 20.
Typewriting machine. C. Walker and W. H. Wade. 2,371,083; Mar. 6.
Typewriting machine. H. C. Yaeger. 2,384,060; Sept. 4.
Typographical composing and distributing machine. R. R. Mead. 2,368,860; Feb. 6.
Typographical compositing machine, Photo-mechanical. R. C. Elliott, M. R. Dewhurst, and J. B. S. Booth. 2,388,961; Nov. 13.
Typographical machine. J. C. Plastaras. 2,383,159; Aug. 21.
Typographical machine. M. Trejo and H. Cascante. 2,372,407; Mar. 27.
Ultra-high frequency converter circuit. L. E. Thompson. 2,370,758; Mar. 6.
Ultra-high-frequency tube. C. V. Litton. 2,372,213; Mar. 27.
Ultra-high-frequency tuning apparatus. R. L. Harvey and H. G. Fisher. 2,367,576; Jan. 16.
Ultra-high-frequency tuning apparatus. E. Karplus and A. P. G. Peterson. 2,367,681; Jan. 23.
Ultra high frequency vacuum tube circuit. E. W. Herold. 2,373,184; Apr. 10.
Ultrasonic cell. G. W. Willard. 2,366,822; Jan. 9.
Ultrasonic testing, Method and apparatus for. W. E. Morris. 2,378,237; June 12.
Ultraviolet lamp. E. L. Koch. 2,382,939; Aug. 14.
Ultraviolet ray applicator. M. I. Schultz. 2,383,421; Aug. 21.

Umbilical clip. P. Riccardi. 2,384,697; Sept. 11.
Umbrella, Emergency. L. Piechowski. 2,385,937; Oct. 2.
Umbrella frame construction, Plastic. S. Isler. 2,385,575; Sept. 25.
Umbrella, Illuminated. A. L. Campbell. 2,372,471; Mar. 27.
Umbrella retaining device. D. Hannan. 2,373,471; Apr. 10.
Umbrella stand. J. F. Roberts. 2,373,339; Apr. 10.
Unbalanced pivoted figure toy. A. Robins. 2,377,811; June 5.
Uncoiling mechanism. C. M. Yoder. 2,386,533; Oct. 9.
Uncoupling mechanism. M. P. Blomberg. 2,384,808; Sept. 18.
Underdrain for filters and the like. J. D. Walker. 2,387,101; Oct. 16.
Underframe, Rail car. A. G. Dean. 2,366,709; Jan. 9.
Undergarment. E. Berdach. 2,384,806; Sept. 18.
Undergarment. H. Collins. 2,383,590; Aug. 28.
Undergarment. J. G. Frieman. 2,381,816; Aug. 7.
Undergarment. A. R. Kneibler. 2,385,995; Oct. 2.
Undergarment. M. M. Messing. 2,366,865; Jan. 9.
Undergarment. F. Russo. 2,390,465; Dec. 4.
Undergarment, Combination. B. Du B. Cangelosé. 2,391,770; Dec. 25.
Undergarment, Lady's. G. A. Fletcher. 2,372,265; Mar. 27.
Undergarment, Men's. S. Brenner. 2,369,773; Feb. 20.
Undergarment, Woman's. E. Bissett. 2,378,596; June 19.
Underground storage tank. E. S. Pomykala. 2,382,171; Aug. 14.
Underreamer, Rotary. E. Koppl and F. W. Harris. 2,382,725; Aug. 14.
Uniform cap. H. Goldman. 2,368,825; Feb. 6.
Uniform cap. E. F. Scheppler. 2,389,689; Nov. 27.
Union. F. H. Knight and R. T. Watts. 2,391,632; Dec. 25.
Unit and multiple door operator. A. E. Weigele. 2,377,986; June 12.
Unit bushing, Spark plug. T. N. Willcox and H. H. Race. 2,390,820; Dec. 11.
Unit container. W. T. Hormes. 2,367,124; Jan. 9.
Unit cooler. A. D. Ames. 2,386,883; Oct. 16.
Unit, Fastener. W. M. Hanneman. 2,391,308; Dec. 18.
Unit for drainage systems. M. R. Gutman. 2,366,522; Jan. 2.
Unit for radial type engines, Heat exchange. F. M. Young, J. C. Shaw, and H. F. Brinen. 2,387,485; Oct. 23.
Unit for refrigerators, Syphon valve. C. H. Walbert. 2,387,483; Oct. 23.
Unit for retractable landing gear, Actuating. R. M. Nardone. 2,391,333; Dec. 18.
Unit, Heating. J. Bilan. 2,391,382; Dec. 25.
Unit, Separable packing. E. V. Bloomquist. 2,391,383; Dec. 25.
Unitary foldable music stand. W. Berg. 2,383,287; Aug. 21.
Uniting parts. H. J. Dailey. 2,383,113; Aug. 21.
Universal chair and cushion cover. P. Trubitz. 2,367,450; Jan. 16.
Universal coupling. J. M. O'Malley. 2,372,289; Mar. 27.
Universal coupling. J. M. O'Malley. 2,375,030; May 1.
Universal coupling. J. M. O'Malley. 2,386,630; Oct. 9.
Universal demodulator for frequency amplitude modulation. E. H. Lange. 2,382,014; Aug. 14.
Universal indicator clamp. W. H. Larson. 2,371,451; Mar. 13.
Universal joint. H. H. Abbott. 2,381,096; Aug. 7.
Universal joint. G. E. Dunn. 2,370,023; Feb. 20.
Universal joint. G. E. Dunn. 2,377,408; June 5.
Universal joint. L. E. Jones. 2,373,897; Apr. 17.
Universal joint. R. B. Ransom. 2,377,451; June 5.
Universal joint. J. R. Snyder. 2,386,754; Oct. 16.
Universal joint. G. B. Stillwagon, Jr. 2,369,810; Feb. 20.
Universal joint. A. Venditty. 2,377,467; June 5.
Universal joint. A. Venditty. 2,377,469; June 5.
Universal joint. A. Venditty. 2,386,017; Oct. 2.
Universal joint. S. G. Winquist. Re. 22,600; Feb. 6.
Universal joint and ratchet device. D. Grandmaison. 2,378,369; June 12.
Universal joint construction. J. F. Wollner. 2,378,349; June 12.
Universal machine head brake. J. Kis. 2,376,492; May 22.
Universal rotary drive lock. J. Bardega. 2,389,886; Nov. 27.
Universal shoe fixture for orthopedic attachments. N. Rosenthal. 2,382,821; Aug. 14.
Universal standard. A. M. Schroder. 2,379,379; June 26.
Universal surfacing machine, Line of type. R. C. Cashon. 2,367,198; Jan. 16.
Universal type grinding tool. I. F. Suwa. 2,388,020; Oct. 30.
Universal vise. J. A. Disse. 2,390,428; Dec. 4.
Unloader, Furnace. F. H. Loftus. 2,382,491; Aug. 14.
Unloader valve. E. A. Rockwell. 2,372,016; Mar. 20.
Unloading device, Coal truck. E. H. Heller. 2,389,779; Nov. 27.
Unloading machine. W. V. Inman. 2,381,958; Aug. 14.
Unsaturated acids, Manufacture of polymerizable. H. P. Staudinger, K. H. W. Tuerck, and E. H. Brittain. 2,386,365; Oct. 9.
Unsaturated bodies from hexose oxidation products, Production of. W. F. Koch. 2,382,425; Aug. 14.
Unsaturated compounds, Producing. H. G. Kirschenbauer. 2,389,260; Nov. 20.
Unsaturated compounds, Production of. H. G. Kirschenbauer. 2,388,158; Oct. 30.
Unsaturated fatty bodies, Selective oxidation of. L. D. Myers and C. A. Sprang. 2,369,108; Feb. 6.
Unsaturated hydrocarbons from a hydrocarbon mixture, Separation of. B. S. Friedman and R. F. Stedman. 2,391,404; Dec. 25.
Unsaturated ketones, Production of. R. R. Driesbach and G. B. Heusted. 2,380,828; July 31.
Upholstering fabric. W. D. Hedges, J. C. Lowman, and T. J. Kerr. 2,387,396; Oct. 23.
Uptake construction. E. J. Mabrito. 2,370,555; Feb. 27.
Urea-formaldehyde composition. D. E. Cordier. 2,384,367; Sept. 4.
Urea-formaldehyde resin foam, Treatment of. L. S. Meyer. 2,384,387; Sept. 4.
Urea, Pelleting. E. F. Harford. 2,369,110; Feb. 6.
Urea pyridinium compounds. M. De Groote and B. Keiser. 2,386,937; Oct. 16.
Ureas, Substituted. W. R. Boon. 2,380,934; Aug. 7.
Urinal, Female. M. Wells. 2,382,276; Aug. 14.
Urinary appliance. T. B. Farrell. 2,379,346; June 26.
Urn, Burial. A. Klinzing. 2,385,520; Sept. 25.
Utensil, Cooking. E. D. Campbell. 2,374,583; Apr. 24.
Utensil, Cooking. F. A. Parsons. 2,371,975; Mar. 20.
Utensil cover. W. F. Witte, Jr. 2,385,594; Sept. 25.
Utensil, Culinary. W. C. P. Zabel and R. C. Helfenbein. 2,391,215; Dec. 18.
Utensil handle. W. T. Hanke. 2,368,297; Jan. 30.
Utensil, Inking. J. A. Dondero. 2,378,132; June 12.
Utensil, Food separating. E. B. Havas. 2,382,222; Aug. 14.
Utensil, Pencil lead writing. A. Schweitzer. 2,372,914; Apr. 3.
Utensils, Making enameled cooking. R. S. Cobb and W. B. Moore. 2,388,723; Nov. 13.
Utensils on galley ranges, Holding cooking. A. Westlake. 2,379,206; June 26.
Utility and camp trailer and camp tent, Convertible. T. Heil. 2,383,192; Aug. 21.
Utility bag. H. Deutsch. 2,384,285; Sept. 4.
Utility case. L. G. Stanley. 2,368,687; Feb. 6.
V-belt clutch assembly. A. O. Johnson and H. W. Elsner. 2,385,360; Sept. 25.
Vaccine, Preparing hog cholera. F. W. Tilley. 2,369,267; Feb. 13.
Vacuum booster for windshield wipers. F. A. Kane, Jr. 2,379,719; July 3.
Vacuum breaker. G. Brown. Re. 22,645; May 29.
Vacuum breaker. E. J. Kenney. 2,370,247; Feb. 27.
Vacuum breaker. R. M. Nelson. 2,388,432; Nov. 6.
Vacuum caponizing instrument. C. C. Fulkerson. 2,378,137; June 12.
Vacuum cleaner. A. A. Arnhym. 2,381,710; Aug. 7.
Vacuum cleaner. J. N. Baker. 2,380,382; July 31.
Vacuum cleaner. A. H. Beede. 2,378,174; June 12.
Vacuum cleaner. V. E. Carlson. 2,375,212; May 8.
Vacuum cleaner. A. A. Forsberg. 2,372,944; Apr. 3.
Vacuum cleaner. G. E. Lofgren. 2,371,767; Mar. 20.
Vacuum cleaners, Hose coupling for. O. M. Anderson. 2,367,188; Jan. 16.
Vacuum condenser. E. J. Murphy. 2,389,207; Nov. 20.
Vacuum distillation apparatus. K. C. D. Hickman. 2,370,464; Feb. 27.
Vacuum distillation apparatus. C. V. Litton. 2,374,870; May 1.
Vacuum distillation process and apparatus. J. C. Hecker. 2,370,462; Feb. 27.
Vacuum distillation process and apparatus. E. M. Shantz. 2,383,945; Sept. 4.
Vacuum feeder. J. S. Reece. 2,367,311; Jan. 16.
Vacuum holder. J. F. Costello. 2,379,279; June 26.
Vacuum motor system. J. Pierotti. 2,376,937; May 29.
Vacuum producing apparatus. R. J. Stewart. 2,370,202; Feb. 27.
Vacuum production and apparatus thereof. K. C. D. Hickman. 2,379,152; June 26.
Vacuum pump. J. Eger. 2,372,191; Mar. 27.
Vacuum pump and self-pumping still, High. K. C. D. Hickman. 2,379,151; June 26.
Vacuum sweeper. L. B. Salt. 2,367,437; Jan. 16.
Vacuum sweeper construction. H. A. Kroenlein. 2,372,007; Mar. 20.
Vacuum testing apparatus. J. Hohl. 2,383,936; Sept. 4.
Vacuum tube. W. W. Eitel. 2,373,949; Apr. 17.
Vacuum tube mounting. R. B. Hoffman. 2,381,905; Aug. 14.
Vacuum work holder. R. Schmid. 2,366,935; Jan. 9.
Vacuums, Method and apparatus for producing. K. C. D. Hickman and G. A. Kuipers. 2,379,436; July 3.
Vaginal obturator. O. Popper. 2,391,343; Dec. 18.
Valance clip and positioning valance boards. R. H. Wright and F. Buick. 2,367,322; Jan. 16.

Valve: *See*—
Adjustable pressure relief valve.
Air brake valve.
Antibackflow and antisiphonage valve.
Antisiphon ball cock valve.
Automatic antislam check valve.
Automatic drain valve.
Automatic pump selector valve.
Automatic valve.
Back siphonage prevention valve.
Bag valve.
Balanced valve.
Brake control valve.
Brake release valve.
By-pass control valve.
By-pass valve.
Check valve.
Combined stop and float valve.
Compensating poppet valve.
Control valve.
Controlling valve.
Cut-off valve.
Diaphragm operated valve.
Diaphragm valve.
Drain valve.
Electrically operated cutoff valve.
Electrically operated valve.
Electrically separated flush valve.
Electromagnetically operated valve.
Equalizing valve.
Expansion valve.
Float valve.
Flow control valve.
Flow controlling valve.
Fluid-control valve.
Fluid pressure control valve.
Fluid pressure operated valve.
Flush valve.
Flux valve.
Four-way valve.
Fuel drain valve.
Fuel tank flapper valve.
Gas valve.
Gate valve.
Globe valve.
High lift valve.
High pressure shutoff valve.
High-pressure valve.
Hydraulic actuating cylinder control valve.
Hydraulic governor valve.
Hydraulic safety valve.
Hydraulic valve.
Injector valve.
Landing gear by-pass valve.
Liquid sealed vent valve.
Locking valve.
Lubricant control valve.
Lubricated gate valve.
Lubricated plug valve.
Lubricated valve.
Lubricated wedge seal valve.
Lubrication system control valve.
Manual reset valve.
Mixing valve.
Modulating valve.
Multiple control valve.
Multiport rotary valve.
Needle valve.
Oil temperature control valve.
Outlet valve.
Packless valve.
Plug valve.
Plugless valve.
Pressure control valve.
Pressure regulating valve.
Pressure release valve.
Pressure relief valve.
Pressure responsive valve.
Pressure unloading valve.
Quick-acting control valve.
Radiator valve.
Refrigerator valve.
Relief valve.
Remote-control valve.
Remotely controlled flow valve.
Remotely controlled valve.
Rotary disk valve.
Rotary valve.
Safety valve.
Sandblast mixer valve.
Selector valve.
Self-closing and slow-closing valve.
Simplified brake valve.
Solenoid operated valve.
Solenoid trip butterfly valve.
Spherical plug valve.
Spray control valve.
Straight stem vent valve.
Suction relief valve.
Surge valve.
Synchronized hydraulic control valve.
Synthetic poppet valve.
Tank vent valve.
Temperature relief valve.
Three way valve.
Throttling valve.
Tire valve.
Turbulence producing valve.
Unloader valve.
Variable sensitivity control valve.
Water mixing valve.

Valve. E. F. Allen. 2,389,947; Nov. 27.
Valve. H. L. Beekley and R. H. Lacart. 2,373,654; Apr. 17.
Valve. J. D. Buchanan. 2,387,006; Oct. 16.
Valve. S. C. Carter. 2,391,126; Dec. 18.
Valve. H. D. Coulbourn. 2,376,124; May 15.
Valve. V., G., W., and M. Crevatin. 2,389,297; Nov. 20.
Valve. P. N. Curry. 2,390,642; Dec. 11.
Valve. H. G. Doster. 2,373,020; Apr. 3.
Valve. W. S. Du Charme. 2,368,206; Jan. 30.
Valve. P. G. Funk. 2,374,989; May 1.
Valve. S. Guarnaschelli. 2,374,195; Apr. 24.
Valve. F. Haberland. 2,388,406; Nov. 6.
Valve. L. S. Hamer. 2,389,194; Nov. 20.
Valve. W. C. Hess. 2,380,597; July 31.
Valve. G. I. Holmes. 2,387,792–3; Oct. 30.
Valve. G. A. Iler. 2,381,287; Aug. 7.
Valve. C. F. Johnson. 2,385,993; Oct. 2.
Valve. H. O. Johnson and M. O'Hare. 2,390,150; Dec. 4.
Valve. W. J. Kiene. 2,368,927; Feb. 6.
Valve. J. D. Langdon. 2,371,449; Mar. 13.
Valve. C. E. Laue. 2,374,690; May 1.
Valve. C. A. Martin. 2,373,324; Apr. 10.
Valve. J. D. Mattimore. 2,375,674; May 8.
Valve. C. A. Morgan. 2,376,975; May 29.
Valve. C. E. Nelson. 2,372,629; Mar. 27.
Valve. M. R. Rice. 2,370,115; Feb. 27.
Valve. H. N. Rider. 2,384,342; Sept. 4.
Valve. T. F. Saffady. 2,371,548; Mar. 13.
Valve. H. W. Sanford. 2,388,710; Nov. 13.
Valve. V. L. Tannehill. 2,386,726; Oct. 9.
Valve. R. R. Teichner. 2,378,596; June 19.
Valve actuating means. E. P. De Craene and R. Fennema. 2,370,604; Feb. 27.
Valve-actuating mechanism, Poppet. G. H. Peters. 2,378,726; June 19.
Valve actuating system. J. D. Buchanan. 2,387,007; Oct. 16.
Valve and operating mechanism therefor. W. T. Caldwell. 2,386,589; Oct. 9.
Valve and system, Safety shutoff. W. K. Dow. 2,372,190; Mar. 27.
Valve and the like, Selector, control. C. Le Bleu. 2,384,318; Sept. 4.
Valve and valve seat for internal-combustion engines, Poppet. W. R. Breeler and G. M. Butler, Jr. 2,380,821; July 31.
Valve and valve steel alloy. G. Charlton. 2,370,124; Feb. 27.
Valve apparatus. E. A. Rockwell. 2,388,220; Oct. 30.
Valve apparatus, Automatic blow-off. R. E. Miller. 2,385,151; Sept. 18.
Valve apparatus, Drain. R. M. Oliver. 2,367,605; Jan. 16.
Valve arrangement. W. H. Carrier. Re. 22,685; Oct. 30.
Valve assembly. G. R. Benz. 2,385,489; Sept. 25.
Valve assembly. J. F. Melichar. 2,383,983; Sept. 4.
Valve assembly. A. J. Penick. 2,376,619; May 22.
Valve assembly. D. A. Stark. 2,371,657; Mar. 20.
Valve assembly, Cylindrical. G. T. Downey. 2,375,633; May 8.
Valve assembly, Relief and by-pass. M. Caserta. 2,375,076; May 1.
Valve bonnet structure. E. F. Allen. 2,373,001; Apr. 3.
Valve closure member. D. G. Fawkes. 2,367,640; Jan. 16.
Valve compass system, Flux. O. E. Esval, R. S. Curry, C. F. Fragola, and L. F. Beach. 2,383,461; Aug. 28.
Valve construction. B. P. Baker and R. C. Cunningham. 2,384,787; Sept. 18.
Valve construction. H. T. Lambert. 2,366,412; Jan. 2.
Valve construction. A. Roberts. 2,389,000; Nov. 13.
Valve control, Fluid. J. L. Hudson. 2,389,667; Nov. 27.
Valve control for gas burners, Dual. G. Klein. 2,373,189; Apr. 10.
Valve control for hydraulic presses. G. B. Sayre. 2,381,776; Aug. 7.
Valve control for hydraulic presses, Automatic. G. B. Sayre. 2,376,624; May 22.
Valve control for internal-combustion engines. P. E. Barker. 2,391,380; Dec. 25.
Valve control for presses and the like. T. F. Stacy. 2,376,519; May 22.
Valve control means. O. Thiel. 2,369,870; Feb. 20.
Valve control means. O. Thiel. 2,384,213; Sept. 4.
Valve control mechanism. G. A. Waldie. 2,384,221; Sept. 4.
Valve cutoff. J. F. Kelly. 2,367,402; Jan. 16.
Valve device. E. E. Martin. 2,391,583; Dec. 25.
Valve device. C. D. Stewart. 2,376,521; May 22.
Valve device, Control. C. S. Kelley. 2,376,490; May 22.
Valve device, Control. C. S. Kelley. 2,389,058; Nov. 13.
Valve device, Electron beam. P. Nagy and M. J. Goddard. 2,370,255; Feb. 27.
Valve element. C. H. Lorig. 2,380,854; July 31.
Valve for automatic typewriters, Control. G. W. Carlson. 2,267,714; Jan. 23.
Valve for controlling the flow of liquids. J. A. Churchill. 2,377,537; June 5.
Valve for fire protective systems. L. M. Lewis. 2,377,947; June 12.
Valve for fluid-operated systems, Control. C. W. Mott. 2,381,553; Aug. 7.
Valve for gasoline burners, Automatic shutoff. W. H. Richards. 2,376,383; May 22.
Valve for hollow articles, Inflating. B. A. McDermott. 2,387,455; Oct. 23.
Valve for hollow inflatable articles. F. Fenton. 2,387,433; Oct. 23.
Valve for hydraulic control systems. H. C. Trich. 2,381,528; Aug. 7.
Valve for internal-combustion engines, compressors or the like. F. M. Aspin. 2,381,711; Aug. 7.
Valve for internal-combustion engines, Rotary. F. M. Aspin. 2,378,120; June 12.
Valve for machine tool control, Throttle. F. W. Curtis. 2,384,078; Sept. 4.
Valve for oiling systems, Flow restricting. E. W. Davis. 2,385,798; Oct. 2.
Valve for pneumatic tools. R. C. Wiles. 2,372,920; Apr. 3.
Valve for pneumatic tools. R. C. Wiles. 2,377,595; June 5.
Valve for pressure chambers. W. B. Peterson, Jr. 2,374,619; Apr. 24.
Valve for rock drills. W. E. Carr. 2,369,714; Feb. 20.
Valve for sandblasting, Control. W. P. Mott. 2,367,647; Jan. 16.
Valve for sprinkler systems. H. N. Rider. 2,389,817; Nov. 27.
Valve for steam radiators, Vent. F. Jehle and E. A. Davies. 2,368,712; Feb. 6.
Valve for storage tank roofs, Safety. J. O. Jackson. 2,370,040; Feb. 20.
Valve for washing machines and the like, Drain. L. M. Harvey. 2,382,562; Aug. 14.
Valve for work ejectors, Control. P. W. Schroder. 2,385,733; Sept. 25.

Valve gates, Refacing of. P. E. Wilcox. 2,383,755; Aug. 28.
Valve gear mechanism. E. A. Nix. 2,380,369; July 10.
Valve grinder. B. C. Aust. 2,373,283; Apr. 10.
Valve head, Resilient. T. J. Hoy. 2,381,541; Aug. 7.
Valve indicator. C. R. Stone. 2,367,651; Jan. 16.
Valve insert seat. R. E. Cummings. 2,369,025; Feb. 6.
Valveless engine. V. Pogioli. 2,390,169; Dec. 4.
Valve lifter. J. D. Smith. 2,374,508; Apr. 24.
Valve lock. E. A. Weinberg. 2,390,972; Dec. 11.
Valve mechanism. J. D. Buchanan. 2,387,008; Oct. 16.
Valve mechanism. L. A. Dickens. 2,381,651; Aug. 7.
Valve mechanism. E. Eger. 2,372,560; Mar. 27.
Valve mechanism. G. A. Petroe. 2,377,176; May 29.
Valve mechanism. E. J. Svenson. 2,388,716; Nov. 13.
Valve mechanism. C. V. Swearingen. 2,384,977; Sept. 18.
Valve mechanism, Acetylene generator. R. C. Pierson. 2,387,347; Oct. 23.
Valve mechanism, Automatic. C. M. Terry. 2,374,568; Apr. 24.
Valve mechanism, Automatic. C. M. Terry. 2,387,363–4; Oct. 23.
Valve mechanism, Fluid control. K. S. Clapp. 2,387,234; Oct. 23.
Valve mechanism for pressure cookers. A. R. Thompson. 2,389,330; Nov. 20.
Valve mechanism for spaghetti canning machines. G. M. Gillen. 2,389,901; Nov. 27.
Valve mechanism for steam engines. E. L. Camfield. 2,373,537; Apr. 10.
Valve mechanism, Steam trap. J. L. Ehretsman and R. W. Leutwiler. 2,370,296; Feb. 27.
Valve mechanism, Temperature-controlled. J. C. Shaw. 2,379,109; June 26.
Valve operating means. W. O. Stanton. 2,380,904; July 31.
Valve operating mechanism. E. E. Hilker. 2,383,549; Aug. 28.
Valve operating mechanism. G. W. Pentheny. 2,385,537; Sept. 25.
Valve operating mechanism. F. B. Yingling. 2,385,959; Oct. 2.
Valve operating system. D. G. Fawkes. 2,387,215; Oct. 16.
Valve piston. B. Pratt and C. J. Smith. 2,370,371; Feb. 27.
Valve position indicator. R F. Walker. 2,386,413; Oct. 9.
Valve positioner. C. B. Moore. 2,382,941; Aug. 14.
Valve refacing machine. D. S. C. Turner. 2,376,737; May 22.
Valve reseating tool. L. C. Shepler. 2,385,589; Sept. 25.
Valve retainer. R. Leppla. 2,389,522; Nov. 20.
Valve seat grinding tool. P. Weynand. 2,387,787; Oct. 30.
Valve seat ring. W. B. Griffith. 2,366,520; Jan. 2.
Valve stem. O. W. Hosking. 2,390,026; Nov. 27.
Valve stitching apparatus. E. D. George and M. Lammertse. 2,388,652; Nov. 6.
Valve structure. H. H. Lamar. 2,382,235; Aug. 14.
Valve structure, Ball cock. B. Svirsky. 2,390,134; Dec. 4.
Valve structure for locomotive boilers and the like, Emergency. W. F. Matson. 2,378,149; June 12.
Valve structure for storage tanks for volatile liquids, Relief. P. M. Elliott. 2,382,555; Aug. 14.
Valve structure for use on well casings and the like. I. A. Miller and M. M. Verheul. 2,375,432; May 8.
Valve tappet construction. H. E. Voorhies. 2,370,761; Mar. 6.
Valve unit. B. Baxter and S. M. Kandarian. 2,389,887; Nov. 27.
Valve with dual pilot valve control, Pressure reducing. D. G. Griswold. 2,368,981; Feb. 6.
Valve with linear characteristics, Flow regulating. A. C. D'Arcy. 2,374,336; Apr. 24.
Valved container. C. D. Thoms. 2,376,404; May 22.
Valves for current conversion, Operating vapor ionic. U. Lamm and J. Plöen. 2,386,322; Oct. 9.
Valves, Polishing hollow stem. A. T. Colwell. 2,373,459; Apr. 10.
Valves, Safety device for reducing. P. Spence. 2,370,110; Feb. 20.
Valves, Sealing rotary plug type. W. A. Fennell. 2,389,036; Nov. 13.
Vanadium and nickel from petroleum, Recovery of. M. C. K. Jones. 2,383,972; Sept. 4.
Vanadium, Recovery of. H. M. Noel. 2,372,109; Mar. 20.
Vane pump. W. R. Tucker and G. A. Waldie. 2,371,081; Mar. 6.
Vaned elements, Making. A. Y. Dodge. 2,387,722; Oct. 30.
Vanes, Centrifugal compressor diffuser. K. A. Browne. 2,372,880; Apr. 3.
Vanity case. L. Esterow. 2,368,918; Feb. 6.
Vapor and liquid contact device. J. M. Larsen. 2,391,464; Dec. 25.
Vapor and liquid contacting apparatus. A. W. Weitkamp. 2,375,336; May 8.
Vapor-arc device. E. G. F. Arnott. 2,367,556; Jan. 16.
Vapor-electric device. H. C. Myers. 2,372,104; Mar. 20.
Vapor-electric device. H. A. Rose. 2,370,075; Feb. 20.
Vapor-electric device. H. A. Rose and J. H. Cox. 2,387,946; Oct. 30.

Vapor expelling pump. M. L. Edwards. 2,368,530; Jan. 30.
Vapor generation. G. W. Kessler. 2,387,998; Oct. 30.
Vapor generator. J. Blizard. 2,367,193; Jan. 16.
Vapor generator. J. Blizard. 2,368,633; Feb. 6.
Vapor generator. J. Fletcher. 2,368,211; Jan. 30.
Vapor generator. M. Frisch. 2,366,718–20; Jan. 9.
Vapor generator. M. Frisch. 2,380,424; July 31.
Vapor phase extraction. C. L. Read. 2,391,104; Dec. 18.
Vapor pressure, Method and apparatus for control of. T. H. Whaley, Jr. 2,378,116; June 12.
Vapor separator. W. C. Oliver. 2,379,590; July 3.
Vapor treatment device. H. Spingler. 2,384,142; Sept. 4.
Vaporization, Method and apparatus for controlling. T. H. Whaley, Jr. 2,389,244; Nov. 20.
Vaporization of organic compounds. J. M. Weiss. 2,388,198; Oct. 30.
Vaporizer. M. E. Eustathopulo. 2,390,699; Dec. 11.
Vaporizer and burner, Oil. M. C. Jones. 2,381,289; Aug. 7.
Vaporizer, Automatic electric. S. Pargman. 2,379,034; June 26.
Vaporizer, Electric. M. Katzman. 2,387,155–6; Oct. 16.
Vaporizer for jet propulsion units, Fuel. K. K. Nahigyan. 2,385,833; Oct. 2.
Vaporizer, Fuel. W. J. Linn. 2,377,088; May 29.
Vaporizer, Incense. K. F. Riese. 2,376,622; May 22.
Vaporizing burner. R. W. De Lancey. 2,388,907–8; Nov. 13.
Vaporizing device. C. F. J. Dupuy. 2,383,960; Sept. 4.
Vaporizing insecticides and other liquids, Method and machine for. W. E. McCauley and C. W. Veach. 2,390,843; Dec. 11.
Vapors or gases with finely divided contact materials, Contacting. N. E. Peery. 2,386,169; Oct. 2.
Vapors, Separation of. T. W. Evans and R. C. Morris. 2,374,984; May 1.
Variable capacity compressor. C. R. Neeson. 2,369,841; Feb. 20.
Variable condenser. C. J. McDonough. 2,380,603; July 31.
Variable-delivery pump. T. W. Sprake. 2,369,867; Feb. 20.
Variable electrical resistor. S. Ruben. 2,375,178; May 1.
Variable frequency motor control system. E. C. Vrooman. 2,368,504; Jan. 30.
Variable grid circuit. J. W. Mann and G. F. Russell. 2,382,435; Aug. 14.
Variable indicator light cap. A. D. Dircksen, C. Bardwell, and J. C. Rose. 2,372,937; Apr. 3.
Variable load brake. S. G. Down and C. C. Farmer. 2,374,002; Apr. 17.
Variable load brake. S. G. Down and C. C. Farmer. 2,379,285; June 26.
Variable load brake. C. C. Farmer. 2,385,130; Sept. 18.
Variable load brake. C. S. Kelley. 2,367,586; Jan. 16.
Variable load brake. C. S. Kelley. 2,385,139; Sept. 18.
Variable load brake. R. E. Miller. 2,367,598; Jan. 16.
Variable load brake. R. M. Oliver. 2,374,036; Apr. 17.
Variable load brake. C. D. Stewart. 2,369,989; Feb. 20.
Variable load brake. H. I. Tramblie. 2,374,053; Apr. 17.
Variable permeability tuning device. W. L. Carlson. 2,370,714; Mar. 6.
Variable pitch propeller. W. S. Hoover. 2,379,302; June 26.
Variable pressure drill feed. H. S. Hoffar. 2,375,991; May 15.
Variable reactance and control circuit therefor. M. G. Crosby. 2,368,643; Feb. 6.
Variable resistance device. G. H. Erb. 2,371,159; Mar. 13.
Variable resistance equalizer. L. Thompson. 2,369,088; Feb. 6.
Variable sensitivity control valve. R. R. Proctor. 2,380,705; July 31.
Variable-speed clutch. B. W. King. 2,374,866; May 1.
Variable speed drive, Series. W. R. Harding and S. H. Hanville, Jr. 2,376,770; May 22.
Variable speed governor. C. G. Abbot. 2,367,254; Jan. 16.
Variable speed governor. P. G. Kostenick. 2,369,397; Feb. 13.
Variable-speed hydraulic coupling. G. E. Bock. 2,387,230; Oct. 23.
Variable speed hydraulic coupling. K. Saito. 2,371,922; Mar. 20.
Variable-speed laundry machine. H. D. Brotman. 2,369,334; Feb. 13.
Variable speed phonograph drive. C. A. Pittman, Jr. 2,381,079; Aug. 7.
Variable-speed transmission. W. A. Duffield. 2,373,234; Apr. 10.
Variable-speed unit. P. B. Reeves. 2,387,609; Oct. 23.
Variable venturi type carburetor. M. J. Kittler. 2,367,507; Jan. 16.
Variable voltage control. J. G. Ivy. 2,383,971; Sept. 4.
Varnish base, Blown wrinkle. W. A. Waldie. 2,373,212; Apr. 10.
Vat and sulphur dyes, Oxidation of. G. P. Vincent and A. L. Dubeau. 2,382,188; Aug. 14.
Vat dyeing process. C. H. Brubaker. 2,371,145; Mar. 13.

Vat dyes from bis (9:9'-anthronylidene)-ethane, Manufacture of. J. W. Batty and D. A. Whyte. 2,385,185; Sept. 18.
Vat dyes, Textile printing with leuco ester salts of. R. Ratti and P. Brandt. 2,388,285; Nov. 6.
Vat, Liquid temperaturizing. F. J. McCullough. 2,388,003; Oct. 30.
Vault or safe. J. W. Mallonee. 2,378,492; June 19.
Vector resolving integrator. W. E. Oliphant. 2,390,613; Dec. 11.
Vegetable belt for kettles. A. Giordano. 2,377,548; June 5.
Vegetable cutter. C. I. Curtice. 2,374,851; May 1.
Vegetable cutter. V. von Bültzingslöwen. 2,367,653; Jan. 16.
Vegetable cutter. J. P. Whann. 2,376,408; May 22.
Vegetable materials, Blanching. A. E. Wigelsworth. 2,373,521; Apr. 10.
Vegetable root washer. A. G. Suelflow. 2,370,504; Feb. 27.
Vegetables to remove unwanted particles therefrom, Method and apparatus for treating. W. S. Boynton. 2,380,498; July 31.
Vehicle: *See*—
Agricultural vehicle.
Air propelled vehicle.
Air vehicle.
Amphibious vehicle.
Automotive vehicle.
Child's folding vehicle.
Child's vehicle.
Combat vehicle.
Combination combat and construction vehicle.
Dual vehicle.
Dual wheeled vehicle.
Laundry vehicle.
Military vehicle.
Motor vehicle.
Railway vehicle.
Six wheel motor vehicle.
Tandem axle vehicle.
Toy vehicle.
Trailer vehicle.
Transport vehicle.
Waterproofed combat vehicle.
Vehicle. W. F. Brumfield. 2,377,399; June 5.
Vehicle. S. C. Carter. 2,384,441; Sept. 11.
Vehicle. J. H. Crumble. 2,384,728; Sept. 11.
Vehicle. A. Dabrasky. 2,370,639; Mar. 6.
Vehicle B. W. Keese and C. A. Blair. 2,384,471; Sept. 11.
Vehicle. C. J. E. Rydh. 2,367,142; Jan. 9.
Vehicle. H. W. Wallace. 2,371,368; Mar. 13.
Vehicle and jack lifting connection, Motor. F. W. Coffing. 2,378,835–6; June 19.
Vehicle body. T. Ulrich. 2,383,029; Aug. 21.
Vehicle body. T. Ulrich. 2,386,280; Oct. 9.
Vehicle body construction. E. Komenda. 2,388,419; Nov. 6.
Vehicle body construction. F. M. Reid. 2,384,965; Sept. 18.
Vehicle body construction. G. Trautvetter. 2,382,923; Aug. 14.
Vehicle body, Insulated. R. H. Moore. 2,381,981; Aug. 14.
Vehicle body structure. H. A. Hicks, I. E. Johnson, and A. W. Ross. 2,380,523; July 31.
Vehicle brake. R. C. Hoyt. 2,385,812; Oct. 2.
Vehicle brake. R. H. Nilsson. 2,384,257; Sept. 4.
Vehicle brake. F. Scott. 2,382,180; Aug. 14.
Vehicle brake control. A. R. K. Diurson. 2,369,543; Feb. 13.
Vehicle construction. R. F. Thornton. 2,378,810; June 19.
Vehicle coupler. K. C. Clark. 2,386,195; Oct. 9.
Vehicle coupling. C. Polstra. 2,377,368; June 5.
Vehicle direction indicating signal. F. B. Stober. 2,385,310; Sept. 18.
Vehicle door lock handle. F. W. Crew. 2,367,337; Jan. 16.
Vehicle drive mechanism. E. S. MacPherson. 2,383,873; Aug. 28.
Vehicle for children. P. M. Ressinger. 2,388,441; Nov. 6.
Vehicle frame. W. C. Hess and S. Glueck. 2,370,726; Mar. 6.
Vehicle frame. E. L. Moeller. 2,374,878; May 1.
Vehicle frame and wheel suspension, Resiliently articulated. B. Barényi and K. Wilfert. 2,374,911; May 1.
Vehicle headlight control. F. B. Hale. 2,376,769; May 22.
Vehicle headlight control. R. D. Moore. 2,375,677; May 8.
Vehicle heater. J. Galamb and T. L. Hibbard. 2,391,408; Dec. 25.
Vehicle indicator. L. G. Hunter. 2,368,547; Jan. 30.
Vehicle jack. R. V. Baker. 2,381,199; Aug. 7.
Vehicle jack. J. W. Scane. 2,383,275; Aug. 21.
Vehicle landing gear. D. E. Willis. 2,381,529; Aug. 7.
Vehicle rack. C. A. Dougherty. 2,370,019; Feb. 20.
Vehicle signal. J. James. 2,386,120; Oct. 2.
Vehicle signal. M. L. Moore. 2,384,689; Sept. 11.
Vehicle signal light. H. L. Hicks. 2,377,419; June 5.
Vehicle spring. C. J. Holland. 2,387,264; Oct. 23.
Vehicle spring suspension. D. F. Bailey. 2,387,732; Oct. 30.
Vehicle spring suspension. J. A. Bombardier. 2,367,456; Jan. 16.
Vehicle stabilizer. L. E. Hicks. 2,380,309; July 10.
Vehicle stabilizing arrangement. H. A. and G. H. Wagner. 2,375,264; May 8.
Vehicle structure. L. W. Helmuth. 2,389,907; Nov. 27.
Vehicle structure, especially tonneau bottom structure. T. Ulrich. 2,370,211; Feb. 27.
Vehicle structure, especially vehicle front end structure. E. J. Deisley, T. Ulrich, and A. R. Lindsay. 2,380,031; July 10.
Vehicle suspension. R. W. Brown. 2,367,817; Jan. 23.
Vehicle suspension. R. N. Janeway. 2,384,925; Sept. 18.
Vehicle suspension. C. J. Holland. 2,387,266; Oct. 23.
Vehicle track construction. C. E. Sorensen and L. S. Sheldrick. 2,391,524; Dec. 25.
Vehicle transmission control, Motor. C. R. Paton. 2,366,254; Jan. 2.
Vehicle turn indicator. A. W. Rohlen. 2,372,395; Mar. 27.
Vehicle washing apparatus. L. D. Holmes. 2,381,054; Aug. 7.
Vehicle with load regulated tow bar, Trailer. J. J. Black. 2,385,253; Sept. 18.
Vehicles for application of ceramic colors. A. J. Deyrup. 2,379,507; July 3.
Vehicles, Imparting buoyancy to. N. Straussler. 2,390,747; Dec. 11.
Vehicles, Loading and unloading. F. C. Pethick. 2,385,025; Sept. 18.
Vehicles or emulsions, Medicament. M. B. Crowe. 2,381,262; Aug. 7.
Velocipede, Convertible. J. Woginrich. 2,390,484; Dec. 4.
Velocity-compensated control mechanism. C. R. Hanna. 2,385,204; Sept. 18.
Velocity of movement of the breech block in automatic guns, varying the. J. Vesely. 2,389,095; Nov. 13.
Vending apparatus. F. L. Robison. 2,371,845; Mar. 20.
Vending device. N. Michelini. 2,370,743; Mar. 6.
Vending machine. B. A. Babel. 2,382,197; Aug. 14.
Vending machine. J. B. Brock. 2,369,882; Feb. 20.
Vending machine. F. C. Burge. 2,378,284; June 12.
Vending machine. A. A. Cheechoo. 2,370,230; Feb. 27.
Vending machine. J. R. Clem. 2,376,960; May 29.
Vending machine. B. W. Fry. 2,377,413; June 5.
Vending machine. E. W. Handley. 2,384,089; Sept. 4.
Vending machine. W. A. Harris. 2,366,399; Jan. 2.
Vending machine. W. W. Higham. 2,390,535; Dec. 11.
Vending machine. C. F. Pease. 2,388,497; Nov. 6.
Vending machine. C. J. Warren. 2,370,276; Feb. 27.
Vending machine, Drop plate. N. J. Lamendola. 2,386,123; Oct. 2.
Vending machine, Electric selective drink. E. H. Thompson and L. W. Doggett. 2,376,403; May 22.
Vending machine mechanism. C. A. Melchert. 2,371,343; Mar. 13.
Vending machine, Newspaper. D. D. Cameron. 2,382,959; Aug. 21.
Vending machine, Selectively operable. W. D. Young and W. A. Harris. 2,379,208; June 26.
Veneer joining machine. R. W. Irwin and C. M. Herz. 2,371,331; Mar. 13.
Veneer, Machine for cutting. G. and J. Colucci, Jr. 2,379,682; July 3.
Veneer press. V. Bendix. 2,390,684; Dec. 11.
Veneer strip, coils thereof, and preparing same. P. R. Goldman. 2,388,479; Nov. 6.
Veneers, Edge gluing wood. H. D. Pfenning. 2,378,244; June 12.
Venetian blind. W. M. Dunn. 2,374,591; Apr. 24.
Venetian blind. C. J. Van Buren. 2,385,391; Sept. 25.
Venetian blind slats, Method of and apparatus for forming. A. B. Wilson. 2,370,215; Feb. 27.
Venetian blind tilter. J. Nisenson. 2,391,500; Dec. 25.
Vent device, Nonspill. A. B. Vieth. 2,374,513; Apr. 24.
Vent plug. H. A. Cohen. 2,376,123; May 15.
Ventilated electromagnetic device. C. Lynn. 2,381,297; Aug. 7.
Ventilated shipping box. L. V. Singley. 2,375,700; May 8.
Ventilating apparatus for toilet hoppers. H. P. Wheeler. 2,380,891; July 31.
Ventilating system. G. S. Dauphinee. 2,369,119; Feb. 13.
Ventilating system, Closet. R. H. Bloxham. 2,388,949; Nov. 13.
Ventilating system for motion picture projectors. K. Brenkert. 2,378,682; June 19.
Ventilation apparatus, Forced. E. A. Mader. 2,383,003; Aug. 21.
Ventilator. J. M. Guthrie. 2,373,824; Apr. 17.
Ventilator. F. R. Kelley. 2,368,143; Jan. 30.
Ventilator. W. A. Norris. 2,368,320; Jan. 30.
Ventilator. H. T. Paiste, Jr. 2,373,496–7; Apr. 10.
Ventilator. H. W. Trost. 2,378,518; June 19.
Ventilator. E. L. Wiseman. 2,367,454; Jan. 16.
Ventilator and mechanism for operating same. W. J. Woodhams. 2,372,164; Mar. 20.
Ventilator, Cowl. T. Ulrich. 2,367,904; Jan. 23.
Ventilator, Extractor. B. D. Hughes and E. L. Ford. 2,379,638; July 3.
Ventilator, Knockdown. A. E. Waterman and F. J. Kreutzer. 2,376,642; May 22.
Ventilator, Railroad car. J. P. Malloy. 2,367,231; Jan. 16.
Ventilator, Ridge roll. W. A. Moore. 2,388,759; Nov. 13.
Ventilator, Sash. E. J. Coffed. 2,376,230; May 15.
Ventilator, Window. D. S. Funk. 2,388,734; Nov. 13.
Venting means. I. O. Miner. 2,386,874; Oct. 16.
Venturi gas line coupling. S. T. Howard. 2,374,206; Apr. 24.

Vermiculite bonded product and making the same. L. J. Casmire. 2,366,769; Jan. 9.
Vertical blow unit heater. W. H. Miller. 2,370,181; Feb. 27.
Vertical self-priming pump. H. E. La Bour. 2,381,824; Aug. 7.
Vertical turret machine tool. R. L. Bazley and W. E. De Voe. 2,389,019; Nov. 13.
Vessel combination, Multiple. M. Glaser. 2,374,092; Apr. 17.
Vessel connections, Forming lined pressure. G. D. Ebbets. 2,381,890; Aug. 14.
Vessel construction, Prefabricated. H. Lee. 2,371,964; Mar. 20.
Vessel, Electron discharge. H. A. De Phillips. 2,373,661; Apr. 17.
Vessel for high temperature service, metallic. C. L. Norton, Jr. 2,373,845; Apr. 17.
Vessel for providing shower baths. G. W. Nelson. 2,367,599; Jan. 16.
Vessel for submarine navigation. W. J. Osterhoudt. 2,377,442; June 5.
Vessel, High-pressure. H. C. Stearns. 2,372,800; Apr. 3.
Vessel, High-pressure. H. C. Stearns. 2,376,831; May 22.
Vessel, Pressure. J. W. Overbeke. 2,390,319–20; Dec. 4.
Vessel, Quenching. R. M. Gibson. 2,374,535; Apr. 24.
Vessel, Sectional. P. P. Smith. 2,369,615; Feb. 13.
Vessel, Steam treatment. A. Brandes. 2,379,062; June 26.
Vessels, Manufacture of double walled. R. W. Tibbetts. 2,368,273; Jan. 30.
Vestibule structure for railway cars, Diaphragm. W. M. Keller. 2,385,138; Sept. 18.
Vibrating conveyer gate. A. J. Sample. 2,386,717; Oct 9.
Vibrating or pulsating machine, Fluid operated. R. Burt. 2,378,979; June 26.
Vibration analyzer. D. MacKenzie. 2,377,349; June 5.
Vibration isolation. S. H. Hahn. 2,383,645; Aug. 28.
Vibration pickup. H. Carson. 2,387,223; Oct. 16.
Vibration-translating device. K. J. Germeshausen. 2,380,514; July 31.
Vibrator, Electromagnetic. C. S. Weyandt. 2,380,622; July 31.
Vibratory separator. J. M. R. Wiesbach. 2,367,478; Jan. 16.
View finder for cameras, Adjustable. P. F. Sperry and P. F. and J. Briskin. 2,377,821; June 5.
Viewer. W. O. Schwartz, and G. B. Schwartz. 2,377,109; May 29.
Viewer with magazine feed for color transparencies and the like. R. E. McClure. 2,377,021; May 29.
Viewing device. E. J. Quinby. 2,384,259; Sept. 4.
Viewing device for cathode ray tube screens and the like. G. Zindel, Jr. 2,388,203; Oct. 30.
Viewing system. E. E. Jelley and H. C. Staehle. 2,380,241; July 10.
Vinegar, Manufacture of. E. J. B. Knebel. 2,390,717; Dec. 11.
Vinylacetylene purification. C. K. Buell. 2,382,603; Aug. 14.
Vinyl aromatic compounds, Modified polymerization of. E. C. Britton and W. J. Le Fevre. 2,371,499; Mar. 13.
Vinyl aromatic polymer and hydrogenated vinyl aromatic polymer, Solid solution of. H. P. Heller. 2,384,619; Sept. 11.
Vinyl aromatics, Manufacture of. G. Egloff. 2,383,179; Aug. 21.
Vinylaromatics, Manufacture of. C. L. Thomas. 2,376,734; May 22.
Vinyl chloride, Synthesis of. W. A. Lazier and G. M. Whitman. 2,391,465; Dec. 25.
Vinyl chloride-vinylidene chloride copolymers, Stabilization of. L. E. Cheyney. 2,367,483; Jan. 16.
Vinyl compounds and polymers therefrom. D. D. Coffman. 2,374,078; Apr. 17.
Vinyl compounds, Plasticized. G. F. D'Alelio. 2,378,753; June 19.
Vinyl compounds, Polymerization of. H. P. Staudinger, K. H. W. Tuerck, and C. A. Brighton. 2,381,561; Aug. 7.
Vinyl esters in emulsion, Polymerization of. M. Kiar. 2,388,602; Nov. 6.
Vinyl esters, Polymerization of. H. M. Collins. 2,388,601; Nov. 6.
Vinyl halides, Polymerization of. C. H. Alexander and H. Tucker. 2,366,306; Jan. 2.
Vinyl halides, Production of. H. M. Stanley and J. E. Youell. 2,374,237; Apr. 24.
Vinyl resin compositions. M. M. Safford. 2,369,985; Feb. 20.
Vinyl resin textiles, Antistatic treatment of. B. G. Wilkes and W. A. Denison. 2,381,020; Aug. 7.
Viscometer. K. Demb. 2,382,979; Aug. 21.
Viscose, Concentration of. F. B. Cramer. 2,369,718; Feb. 20.
Viscose production. P. H. Schlosser and K. R. Gray. 2,373,712; Apr. 17.
Viscosimeter. B. F. McNamee. 2,378,491; June 19.
Viscous solutions of vegetable globulins. R. H. K. Thomson. 2,381,088; Aug. 7.
Vise. L. C. Galorneau. 2,371,435; Mar. 13.
Vise. W. Haas. 2,387,991; Oct. 30.
Vise. J. Jesionowski. 2,370,042; Feb. 20.
Vise. M. E. Wallis. 2,387,102; Oct. 16.
Vise, Fluid-operated work-holding. S. F. Burgoine and H. E. Elsden. 2,382,958; Aug. 21.
Vise, Universal. H. C. Stoll. 2,383,170; Aug. 21.
Vise, Watch and jewelers'. C. B. Greenberg. 2,366,519; Jan. 2.
Vision device, Protective. D. J. Crawford and J. M. Colby. 2,374,665; May 1.
Visor, Automobile window. G. W. Schatzman and A. P. Fergueson. 2,389,002; Nov. 13.
Visor, Light. G. C. Ward. 2,385,557; Sept. 25.
Visors for uniform caps, Making. E. J. Biel. 2,369,275; Feb. 13.
Visual acuity testing means. F. W. Jobe. 2,385,992; Oct. 2.
Visual fluid flow indicator. L. R. Olsen. 2,387,805; Oct. 30.
Visual indicating system. L. F. Mayle. 2,378,857; June 19.
Visual photographic exposure meter. K. Rath. 2,379,103; June 26.
Visualizer, Foot. A. S. Cameron. 2,382,131; Aug. 14.
Vitamin A containing preparation and the manner of its production. B. T. Sokoloff. 2,375,501; May 8.
Vitamin A derivatives and making same. N. A. Milas. 2,369,159; Feb. 13.
Vitamin A, Making. N. A. Milas. 2,369,156; Feb. 13.
Vitamin A, Synthesis of. N. A. Milas. 2,369,158; Feb. 13.
Vitamin A, Synthesis of. N. A. Milas. 2,369,160–8; Feb. 13.
Vitamin A, Synthesis of ethers of. N. A. Milas. 2,369,157; Feb. 13.
Vitamin B concentrates, Preparation of. H. B. Colman. 2,369,775; Feb. 20.
Vitamin B concentrates, Treating. A. Arnold and C. B. Schreffler. 2,390,679; Dec. 11.
Vitamin C, Extracting. R. Yamamoto and T. Hara. 2,383,902; Aug. 28.
Vitamin composition and obtaining same. H. C. Parke and E. J. Lawson. 2,367,791; Jan. 23.
Vitamin concentrate, Manufacturing a. R. E. Meade, H. L. Pollard, and N. E. Rodgers. 2,369,680; Feb. 20.
Vitamin concentrates, Preparation of highly potent. L. O. Buxton. 2,370,470–1; Apr. 24.
Vitamin concentrates, Production of. L. O. Buxton. 2,380,409; July 31.
Vitamin concentration, Fat-soluble. L. O. Buxton. 2,380,414; July 31.
Vitamin-containing materials, Treatment of fat-soluble. B. A. Dombrow. 2,380,418; July 31.
Vitamin E or tocopherol, Preparation of. J. D. Cawley. 2,375,078; May 1.
Vitamin ester concentration process, Fat-soluble. L. O. Buxton. 2,380,410; July 31.
Vitamin fortified product. L. O. Buxton. 2,375,278; May 8.
Vitamin intermediate, Preparation of. E. J. Lawson and H. C. Parke. 2,372,092; Mar. 20.
Vitamin K compounds and obtaining same. E. A. Doisy, D. W. MacCorquodale, S. A. Thayer, S. B. Binkley, and R. W. McKee. 2,373,105; Apr. 10.
Vitamin product and manufacture. P. D. V. Manning and E. Trone. 2,379,586; July 3.
Vitamin product, Fat-soluble. L. O. Buxton and A. E. Briod. 2,375,279; May 8.
Vitreous coatings, Forming. F. O. Hess. 2,388,611; Nov. 6.
Vitreous compositions consisting of oxides of alkali metal, phosphorous, and other selected divalent metal. C. S. King. 2,370,472; Feb. 27.
Vitrified grinding wheels. L. Coes, Jr. 2,377,995; June 12.
Volatile organic material, Removing. W. A. Fessler. 2,381,658; Aug. 7.
Voltage changing circuit. W. W. Garstang. 2,384,829; Sept. 18.
Voltage converter system. H. E. Thomas. 2,373,275; Apr. 10.
Voltage detector, High or low. C. S. Knowlton. 2,367,509; Jan. 16.
Voltage divider, Variable. E. W. Bisson. 2,386,651; Oct. 9.
Voltage drop calculator. H. Schaevitz. 2,379,931; July 10.
Voltage equipment, Series variable. W. R. Harding and S. H. Hanville, Jr. 2,379,150; June 26.
Voltage generator. R. W. Sanders. 2,387,685; Oct. 23.
Voltage indicator. G. F. Elston. 2,366,320; Jan. 2.
Voltage limiting circuit. J. R. Boykin. 2,373,997; Apr. 17.
Voltage modifying circuit. W. W. Garstang. 2,384,830; Sept. 18.
Voltage multiplier. W. W. Garstang. 2,384,831; Sept. 18.
Voltage regulating system. C. F. J. Boehlen and M. A. Biske. 2,381,715; Aug. 7.
Voltage regulating system. C. R. Hanna. 2,374,012; Apr. 17.
Voltage regulation. J. A. Potter and D. E. Trucksess. 2,377,370; June 5.
Voltage regulation. D. E. Trucksess. 2,373,208; Apr. 10.
Voltage regulation for rectifiers. C. W. Faulkner. 2,373,750; Apr. 17.

Voltage regulator. D. E. Garr. 2,378,765; June 19.
Voltage regulator. W. C. Grabau. 2,367,210; Jan. 16.
Voltage regulator. W. C. Grabau. 2,390,214; Dec. 4.
Voltage regulator. L. L. Johnson. 2,377,500; June 5.
Voltage regulator. W. W. Johnston and R. H. Howe. 2,373,119; Apr. 10.
Voltage regulator. E. O. Keizer. 2,372,432; Mar. 27.
Voltage regulator. H. Klemperer. 2,383,492; Aug. 28.
Voltage regulator. R. H. Preston. 2,388,996; Nov. 13.
Voltage regulator. E. O. Thompson. 2,378,873; June 19.
Voltage regulator. A. Toelle and C. R. Salet. 2,391,526; Dec. 25.
Voltage regulator circuit. R. V. Little, Jr. 2,376,438; May 22.
Voltage regulator circuit. T. T. Short. 2,367,625; Jan. 16.
Volume and selectivity control device, Combined. A. D. Zappacosta. 2,388,590; Nov. 6.
Volume control. W. R. Koch. 2,367,357; Jan. 16.
Volume control, Automatic air. A. P. Ruth. 2,384,770; Sept. 11.
Volume control device. L. A. Kempton. 2,386,051; Oct. 2.
Volume control for recorder amplifiers, Automatic. O. S. Petty. 2,367,049; Jan. 9.
Volume control, Tone compensated. D. E. Sunstein. 2,388,505; Nov. 6.
Volume expander. G. Gadbois. 2,375,298; May 8.
Volume limiter circuit. P. G. Wulfsberg. 2,372,243; Mar. 27.
Volumeter. D. C. Holmes and L. V. Guild. 2,371,995; Mar. 20.
Volumetric measuring machine. J. F. Johnson, Jr. 2,367,031; Jan. 9.
Vortex separator apparatus for treating paper pulp. H. E. B. Scott. 2,375,826; May 15.
Vulcanizates of furylethylene polymers. C. J. Mighton. 2,390,446; Dec. 4.
Vulcanization product, Specialized. J. W. Church. 2,369,434; Feb. 13.
Vulcanization with diaryl guanidine addition products. A. R. Davis. 2,390,036; Nov. 27.
Vulcanizer, Combination spot. J. C. Heintz. 2,370,241; Feb. 27.
Vulcanizer, Footwear. L. J. Larkin, G. A. Larkin, and J. J. Regan. 2,385,628; Sept. 25.
Vulcanizer, Tire repair. T. P. Bacon. 2,366,308; Jan. 2.
Vulcanizing agent. F. E. Küng. 2,381,063; Aug. 7.
Vulcanizing apparatus. A. Ridd. 2,383,685; Aug. 28.
Vulcanizing chamber, Reflective. H. Pfleumer. 2,377,177; May 29.
Vulcanizing mold. R. W. Brown. 2,381,395; Aug. 7.
Vulcanizing press. C. Iverson. 2,374,099; Apr. 17.
Wad. W. L. Finlay. 2,377,683; June 5.
Waffle iron. R. N. Dickey. 2,376,585; May 22.
Waffle iron. H. A. Michaelis. 2,383,331; Aug. 21.
Walker, Invalid. S. Duke. 2,374,182; Apr. 24.
Walking push toy. E. F. Donovan. 2,378,289; June 12.
Wall. O. L. Gent. 2,367,392; Jan. 16.
Wallboard construction. H. A. Hauptli. 2,391,052; Dec. 18.
Wallboard, Method and apparatus for making. W. G. Brubacher. 2,370,393; Feb. 27.
Wall cabinet. N. B. Wales. 2,382,354; Aug. 14.
Wall construction, Heat-resisting. H. C. Thayer. 2,384,859; Sept. 18.
Wall connection for collapsible container. P. Zalkind. 2,372,806; Apr. 3.
Wall construction. G. W. Du Laney. 2,387,431; Oct. 23.
Wall construction. W. S. Miles and P. A. Voigt. 2,369,595; Feb. 13.
Wall construction. J. Page. 2,369,000; Feb. 6.
Wall construction. C. S. Strom. 2,368,620; Feb. 6.
Wall construction. R. D. Wells. 2,371,201; Mar. 13.
Wall construction and fastener therefor. W. S. Miles and P. A. Voigt. 2,391,792; Dec. 25.
Wall construction for heaters. W. C. Hensel. 2,389,622; Nov. 27.
Wall covering. C. M. MacChesney. 2,373,039; Apr. 3.
Wall flame type burner. R. M. Sherman. 2,388,502; Nov. 6.
Wall, Fluid cooled. J. E. Trainer. 2,391,108; Dec. 18.
Wall for marine vessels. H. E. Somes. 2,376,517; May 22.
Wall form, Concrete. W. W. Herring. 2,387,445; Oct. 23.
Wall form tie. A. M. Kinninger. 2,370,174; Feb. 27.
Wall, Furnace. R. Shellenberger and F. X. Gilg. 2,368,265; Jan. 30.
Wall, Hollow building. W. Reichert, P. S. Pedersen, and P. E. Price. 2,366,752; Jan. 9.
Wall or ceiling covering. L. F. Urbain. 2,382,456; Aug. 14.
Wall or table mirror. S. J. Winslow. 2,368,959; Feb. 6.
Wallpaper cutting, pasting, and folding machine. E. E. Belch. 2,373,644; Apr. 17.
Wallpaper removing device. R. J. McMenamy. 2,377,949; June 12.
Wallpaper roll. W. H. Yates and Le R. W. Staunton. 2,383,637; Aug. 28.
Wall production equipment. K. A. Wright. 2,374,317; Apr. 24.
Wall, Railway car. J. S. Swann. 2,382,519; Aug. 14.
Wall section, Structural. G. W. Du Laney. 2,387,432; Oct. 23.
Wall structure. G. W. Baker and N. Nelsson. 2,370,769; Mar. 6.
Wall structure. J. S. Swann. 2,390,472; Dec. 4.
Wall structure for tanks. H. L. Halbach. 2,377,080; May 29.
Wall structure having anchored architectural facing. R. H. Turk. 2,370,594; Feb. 27.
Wall unit for sectional buildings. R. O. Sheldon. 2,369,373; Feb. 13.
Walls, Constructing. V. A. Hamilton. 2,375,648; May 8.
Wallet. P. Florin. 2,366,849; Jan. 9.
Wallet. E. C. Renz. 2,366,875; Jan. 9.
Wardrobe and cabinet, Combination. J. Pezzano. 2,375,581; May 8.
Wardrobe, Knockdown collapsible. C. Rosenthal. 2,381,464; Aug. 7.
Warmer, Bed. E. Bagnall. 2,378,821; June 19.
Warning device, Automobile speed. L. J. Vanke. 2,381,390; Aug. 7.
Warning device for marine vessels, Drift and shoal-water. B. F. Kehrer. 2,369,054; Feb. 6.
Warning systems, Air raid. R. A. Mitchell and C. M. Hines. 2,381,224; Aug. 7.
Warp let-off device. A. Moessinger. 2,375,316; May 8.
Warp regulator. J. K. Dudley. 2,370,022; Feb. 20.
Warp tying machine. C. B. Crandall. 2,369,536; Feb. 13.
Warping machine. T. E. Carlson. 2,382,465; Aug. 14.
Warping machine. G. Wiggermann. 2,382,760; Aug. 14.
Warping or beaming machine. F. Lambach. 2,388,269; Nov. 6.
Washbasin and urinal. F. F. Eckhardt, E. H. Pearson, and A. W. Albertine. 2,375,090; May 1.
Washbox. O. M. Tweit. 2,373,519; Apr. 10.
Wash fountain. H. G. Mullett and E. D. Wachter, Jr. 2,378,424; June 19.
Washer: *See*—
Air washer.
Assembled screw and lock washer.
Back washer.
Hydraulic packing washer.
Lock washer.
Sample washer.
Vegetable root washer.
Washer. R. J. Beede and N. G. Monsarrat. 2,370,285; Feb. 27.
Washer and cotter pin lock. J. D. Dilley. 2,391,140; Dec. 18.
Washer and nut securing device, Slip-on interlocking. F. L. Roxs. 2,374,309; Apr. 24.
Washer for eggs or the like. W. J. Reading. 2,374,500; Apr. 24.
Washer with oscillating tub, Fluid agency clothes. W. Rocke. 2,380,872; July 31.
Washers with screw-threaded fasteners, Method and machine for assembling. O. J. Poupitch. 2,390,121; Dec. 4.
Washing machine. J. G. De Remer. 2,372,769–70; Apr. 3.
Washing machine. G. W. Dunham. 2,380,732; July 31.
Washing machine. G. W. Dunham. 2,383,783; Aug. 28.
Washing machine. A. H. Haberstump. 2,389,774; Nov. 27.
Washing machine. M. M. Jackson. 2,373,961; Apr. 17.
Washing machine. C. A. Lindemann. 2,391,718; Dec. 25.
Washing machine. D. A. Meeker. 2,380,059; July 10.
Washing machine. L. Palmieri. 2,368,563; Jan. 30.
Washing machine. G. O. Thaxton. 2,374,247; Apr. 24.
Washing machine. D. D. Wallace. 2,380,090; July 10.
Washing machine control. G. W. Dunham. 2,374,590; Apr. 24.
Washing machine drive. J. Oakley. 2,387,283; Oct. 23.
Washing machine drive. J. Oakley. 2,388,175–6; Oct. 30.
Washing mechanism. H. D. Lathrop and E. E. Hageline. 2,369,358; Feb. 13.
Waste and overflow fitting. L. Bloch. 2,374,642; May 1.
Waste-collecting system for rotary cutters. E. W. Stacey. 2,371,321; Mar. 13.
Waste cutter. M. L. Hudson. 2,384,031; Sept. 4.
Waste heat boiler. L. C. Huff. 2,373,564; Apr. 10.
Waste heat boiler. J. S. Wallis and J. W. Throckmorton. 2,372,992; Apr. 3.
Waste pipe trap. J. W. Richards. 2,382,912; Aug. 14.
Waste reclamation. G. B. Rolfsen. 2,386,267; Oct. 9.
Waste waters, Purifying oil field. R. D. Pomeroy. 2,378,323; June 12.
Watch. N. Caldara. 2,380,215; July 10.
Watch. E. W. Drescher. 2,372,771; Apr. 3.
Watch and clock regulator. L. M. Campau. 2,380,292; July 10.
Watch assembly. J. J. Kappes. 2,366,196; Jan. 2.
Watchcase. W. Schmitz. 2,385,234; Sept. 18.
Watchcase wrench. C. A. Burns. 2,389,954; Nov. 27.
Watch crown for waterproof watches. C. B. Greenberg. 2,377,625; June 5.
Watch, Waterproof. E. Kupchick. 2,382,728; Aug. 14.
Water and like cooler. W. M. Greene. 2,377,296; May 29.
Water and oil cooler. J. F. Belaieff. 2,381,251; Aug. 7.
Water column, Railway. J. T. McGarry and H. A. Eads. 2,368,994; Feb. 6.
Water conditioner. H. G. Hubert. 2,371,444; Mar. 13.
Water, Conditioning. L. O. Gunderson. 2,366,727; Jan. 9.

Water containing chloride dissolved therein, Treatment of. H. D. Meincke, Jr. 2,374,116; Apr. 17.
Water containing chlorides and sodium dissolved therein, Treatment of. H. D. Meincke, Jr. 2,391,258; Dec. 18.
Watercraft. J. V. Golden. 2,377,143; May 29.
Water distillation. F. Nettel and J. Kreitner. 2,372,846; Apr. 3.
Water distilling device, Salt. J. De Stefano. 2,383,294; Aug. 21.
Water evacuation system in tangential driers. A. Williams. 2,368,509; Jan. 30.
Water filter. A. R. Hallenius and F. F. Feese. 2,372,570; Mar. 27.
Water for drinking purposes, Sterilization of. J. A. Camelford. 2,374,805; May 1.
Water from saline solutions, Production of potable. R. S. Dean. 2,366,184; Jan. 2.
Water gas and producer gas generator. N. H. Williams. 2,369,628; Feb. 13.
Water gauge. R. Rasmussen. 2,369,798; Feb. 20.
Water heater. W. Brandl. 2,369,526; Feb. 13.
Water heater apparatus. E. K. Clark. 2,379,398; June 26.
Water heater control system. H. M. Biebel. 2,379,675; July 3.
Water heater control system. C. M. Osterheld. 2,367,370; Jan. 16.
Water heater control system. C. M. Osterheld. 2,382,575; Aug. 14.
Water heater control system. C. M. Osterheld. 2,383,675; Aug. 28.
Water heater control system and thermal retarder therefor. C. M. Osterheld. 2,371,258; Mar. 13.
Water heating apparatus. E. G. Pankow. 2,380,545; July 31.
Water heating system. C. M. Osterheld. 2,377,440; June 5.
Water lock. E. H. Markwart. 2,371,339; Mar. 13.
Water, Method and apparatus for treating. J. P. Lawlor. 2,376,543; May 22.
Water, Method and apparatus for treating. J. P. Lawlor. 2,382,490; Aug. 14.
Water mixing valve. A. Von Wangenheim. 2,381,146; Aug. 7.
Water-power wheel. J. Y. Robertson. 2,384,698; Sept. 11.
Waterproofed combat vehicle. A. J. Scaife. 2,390,557; Dec. 11.
Waterproofing inorganic hydrous oxide bodies, and product. E. A. Hauser. 2,383,647; Aug. 28.
Waterproofing product and making it, Permanent. R. A. Pingree. 2,386,631; Oct. 9.
Water purification system. J. D. Walker. 2,368,055; Jan. 23.
Water-purifying and softening device. R. S. Moore. 2,368,035; Jan. 23.
Water rectification. M. Lurie. 2,367,228; Jan. 16.
Water-repellency agents and making and using the same. M. A. T. Rogers. 2,386,140; Oct. 2.
Water-repellent and products therefrom. Rendering material. W. Kaase and E. Waltmann. 2,370,405; Feb. 27.
Water repellent composition and utilizing same. J. J. Cohen. 2,375,348; May 8.
Water service device. J. T. McGarry and H. A. Eads. 2,368,993; Feb. 6.
Water silencer. B. O. Graham. 2,377,001; May 29.
Water softener. G. S. Ralston. 2,370,190; Feb. 27.
Water softening and washing product and preparing same. L. Meites. 2,385,928-9; Oct. 2.
Water soluble compounds having vitamin K activity. B. R. Baker. 2,380,716; July 31.
Water stop and other water-proofing packings, Self-restoring. A. C. Fischer. 2,368,650; Feb. 6.
Water-supply system for envelope sealing machines. C. D. Ryan. 2,369,314; Feb. 13.
Watertight watchcase. W. Schmitz. 2,366,985; Jan. 9.
Water treating apparatus. J. F. Sebald. 2,378,799; June 19.
Water treating apparatus. J. F. Sebald. 2,383,086; Aug. 21.
Water treating composition and producing same. F. E. Sherwood. 2,376,885; May 29.
Water treatment. H. A. Jackson. 2,374,100; Apr. 17.
Water treatment. C. S. King. 2,370,473; Feb. 27.
Water treatment. H. V. and M. C. Smith. 2,380,800; July 31.
Water treatment. S. A. Winkelmann. 2,385,903; Oct. 2.
Watering device. H. W. Borman and M. E. Engman. 2,372,544; Mar. 27.
Waterwheel mounting. L. E. Coffelt. 2,385,967; Oct. 2.
Wave control. K. Sarafian. 2,377,719; June 5.
Wave control circuit. A. N. Goldsmith. 2,367,116; Jan. 9.
Wave expansion arrangement for cathode ray oscilloscopes. J. L. Theisen. 2,386,728; Oct. 9.
Wave keying, Spaced. "R" L. Hollingsworth. 2,383,126; Aug. 21.
Wave length modulation. W. van B. Roberts. 2,372,012; Mar. 20.
Wave length modulation. G. L. Usselman. 2,388,098; Oct. 30.
Wavemeter, Ultra-high frequency. H. C. Lawrence, Jr. 2,379,165; June 26.
Wave motor. A. J. Alcantara. 2,378,966; June 26.
Wave-set envelope. E. C. Lindeen. 2,369,060; Feb. 6.
Wave translating system. W. F. Kannenberg. 2,373,569; Apr. 10.
Wave transmitting and receiving apparatus, Compressional. L. Batchelder. 2,380,931; Aug. 7.
Waving hair. R. L. Evans and E. G. McDonough. Re. 22,660; Aug. 7.
Wax and oil, Separating. E. M. Dons and O. G. Mauro. 2,370,453; Feb. 27.
Wax, Application of. A. Pischel and J. P. McGreevy. 2,379,745; July 3.
Wax composition. W. C. Griffin. 2,374,931; May 1.
Wax composition. A. H. Sanford. 2,371,473; Mar. 13.
Wax composition, Mineral. L. A. Hamilton and R. C. Moran, and A. R. Cattell. 2,371,289; Mar. 13.
Waxlike composition, Manufacture of. D. E. Pearsall. 2,374,617; Apr. 24.
Wax-oil separation. A. H. Schutte. 2,380,077; July 10.
Wax production. A. L. Sklar. 2,375,142; May 1.
Wax, Separating. A. H. Schutte. 2,380,078; July 10.
Waxer, Fruit and vegetable. S. C. Rieke. 2,372,225; Mar. 27.
Waxes and fatty products derived from crude sugar cane waxes, Hard. R. T. Balch. 2,381,420; Aug. 7.
Waxes and wax compositions, Synthetic. T. F. Bradley. 2,367,712; Jan. 23.
Waxes, Emulsification of synthetic. D. W. Light and R. L. Morgan. 2,369,472; Feb. 13.
Waxes, Emulsion paste. F. E. Dolian. 2,374,474; Apr. 24.
Waxes, Method and apparatus for sweating. F. Hederhorst. 2,368,468; Jan. 30.
Waxes, Treating. C. S. Treacy. 2,383,629; Aug. 28.
Waxing and polishing machine, Surface. M. E. Lederman. 2,388,486; Nov. 6.
Waxing device, Thread. C. A. Newhall. 2,379,985; July 10.
Weapon. B. J. Cosneck and B. J. Kessler. 2,383,957; Sept. 4.
Weapon, Aerial. A. S. Howell. 2,370,036; Feb. 20.
Weapon for airplanes, Attack. W. F. Boldt. 2,381,332; Aug. 7.
Weapon, Police. R. L. Hutchison. 2,391,782; Dec. 25.
Wearing apparel. G. F. Lang. 2,368,714; Feb. 6.
Weather covering material. D. Tullock, Jr. 2,367,318; Jan. 16.
Weather strip and sash control, Combined. A. G. Norden. 2,372,975; Apr. 3.
Weatherstrip, Making. W. M. Olson. 2,367,367; Jan. 16.
Weaver's implement, Loom. S. H. Williams. 2,374,795; May 1.
Weaving, transporting and finishing cloth. A. Eddy. 2,384,288; Sept. 4.
Web aligning apparatus. J. F. Morse. 2,387,036; Oct. 16.
Web-controlling mechanism. L. R. Clarke. 2,367,005; Jan. 9.
Web drier. M. E. Hanson. 2,378,703; June 19.
Web drier. M. E. Hanson. 2,388,226; Oct. 30.
Web-feeding mechanism. A. Thomas. 2,381,322; Aug. 7.
Web guiding and stretching mechanism. P. Cook. 2,374,980; May 1.
Web material, Forming. R. L. Melton. 2,385,873; Oct. 2.
Web pasting apparatus. R. J. Williams. 2,382,929; Aug. 14.
Web register correcting means for printing presses, Automatic. J. E. Meyer. 2,378,234; June 12.
Web rewinding machine. S. J. Campbell. 2,366,999; Jan. 9.
Web synchronizing device. M. A. Waters. 2,375,451; May 8.
Web treating apparatus. J. F. Morse. 2,371,771; Mar. 20.
Webs, Conditioning and finishing absorbent. H. W. Osgood, Jr. 2,370,811; Mar. 6.
Webs, Impregnating. M. Croce. 2,375,403; May 8.
Webs, Means for use in splicing. O. C. Roesen. 2,377,971; June 12.
Webs, Process and apparatus for impregnating. G. Knapp. 2,367,587; Jan. 16.
Wedge, Winding slot. F. E. Fisher. 2,386,673; Oct. 9.
Wedges, Method and apparatus for grinding and polishing. H. L. Penberthy. 2,378,243; June 12.
Weed killer. A. H. Wallace. 2,366,301; Jan. 2.
Weed puller. J. M. Geiger. 2,374,929; May 1.
Weed puller. D. M. Smith. 2,385,167; Sept. 18.
Weed puller and cultivator. L. F. Kulesh. 2,373,898; Apr. 17.
Weed removing tool. L. Couture. 2,373,872; Apr. 17.
Weeding tool. H. Beardsley. 2,378,459; June 19.
Weeding tool. J. R. Hughes. 2,383,388; Aug. 21.
Weeds, Methods and compositions for killing. F. D. Jones. 2,390,941; Dec. 11.
Weft beat-up mechanism of looms for weaving. D. W. Shimwell. 2,382,511; Aug. 14.
Weft-changing mechanism for looms. H. Bracewell. 2,373,943; Apr. 17.
Weft replenishing loom. W. H. Wakefield. 2,390,370; Dec. 18.
Weft replenishing loom, Convertible. R. G. Turner. 2,391,602; Dec. 25.

Weft replenishing, pick-and-pick, filling mixing loom. A. Palmer and E. A. Santon. 2,380,544; July 31.
Weighing and handling apparatus, Article. E. Rolker. 2,385,882; Oct. 2.
Weighing and sorting apparatus. W. Owen. 2,368,321; Jan. 30.
Weighing apparatus. M. E. Brendel. 2,366,432; Jan. 2.
Weighing apparatus adapted for operation by the blind. J. O. Kleber. 2,383,321; Aug. 21.
Weighing machine. S. R. Howard. 2,373,831; Apr. 17.
Weighing machine, Automatic. A. W. Lindholm. 2,373,838; Apr. 17.
Weighing scale. H. W. Hem. 2,368,986; Feb. 6.
Weighing scale. L. S. Williams. 2,378,274; June 12.
Weight analyzer. K. J. Kraus. 2,374,105; Apr. 17.
Weight indicating lift jack. E. P. Grime. 2,373,469; Apr. 10.
Weight testing device. N. E. Hart. 2,368,983; Feb. 6.
Weighting device. J. Häfeli. 2,384,250; Sept. 4.
Weighting mechanism for spinning and roving frames. R. M. Jones. 2,387,703; Oct. 23.
Weld rods, Coated. E. F. Wilson and J. L. Oberg. 2,368,280; Jan. 30.
Welded article, Finishing. G. H. Phelps and G. J. Frischmann. 2,385,160; Sept. 18.
Welded joints, Finishing. O. W. Winter. 2,373,440; Apr. 10.
Welded structure. G. B. Warren. 2,380,276; July 10.
Welder control, Hydraulic butt. C. E. Coates. 2,373,226; Apr. 10.
Welder, Electric. C. A. Nichols. 2,370,485; Feb. 27.
Welder, Impact. R. S. Thacker. 2,383,695; Aug. 28.
Welder's clamp. R. L. Cox. 2,383,591; Aug. 28.
Welder's unit. H. Brandt. 2,373,161; Apr. 10.
Welding. W. O. Bennett, Jr. 2,387,112; Oct. 16.
Welding. A. J. Lautmann. 2,380,054; July 10.
Welding. T. E. Murray. 2,366,978; Jan. 9.
Welding apparatus. J. M. Carter. 2,370,716; Mar. 6.
Welding apparatus. G. A. Cutter. 2,384,014; Sept. 4.
Welding apparatus. J. F. Geibel. 2,378,697; June 19.
Welding apparatus. M. R. Harris. 2,369,294; Feb. 13.
Welding apparatus. H. P. Heath and K. A. Weston. 2,387,067; Oct. 16.
Welding apparatus. V. G. Jarman. 2,380,529; July 31.
Welding apparatus. C. F. Leathers. 2,372,211; Mar. 27.
Welding apparatus. J. Lippart. 2,379,531; July 3.
Welding apparatus. H. T. Platz. 2,372,850; Apr. 3.
Welding apparatus. C. S. Seltzer and S. M. Humphrey. 2,385,109; Sept. 18.
Welding apparatus, Resistance. J. H. Redmond. 2,386,261; Oct 9.
Welding control systems. S. L. Burgwin, J. R. Mahoney, and H. J. Bichsel. 2,390.774; Dec. 11.
Welding device. J. Brenzinger. 2,391,292; Dec. 18.
Welding device, Arc. O. B. Hopper. 2,390,149; Dec. 4.
Welding, Electric. H. E. Kennedy and M. A. Rotermund. 2,371,894; Mar. 20.
Welding electrode holder. C. F. Carlson, E. F. Holt, and R. F. Huddleston. 2,374,979; May 1.
Welding electrode holder. H. A. Jackson. 2,386,399; Oct. 9.
Welding electrode holder. C. A. Palmgren. 2,387,464; Oct. 23.
Welding electrode holder. M. M. Seeloff. 2,385,108; Sept. 18.
Welding electrode holder. W. B. Shellabarger. 2,373,605; Apr. 10.
Welding electrode holder. E. Siemers. 2,377,047; May 29.
Welding electrode holder. M. L. Zeilstra. 2,379,777; July 3.
Welding gun. W. A. Weightman. 2,372,413; Mar. 27.
Welding machine. C. Eisler, Jr. 2,389,034; Nov. 13.
Welding machine. H. Purat. 2,372,117; Mar. 20.
Welding machine, Resistance. E. J. P. James. 2,384,923–4; Sept. 18.
Welding materials and processes. C. A. Cadwell. 2,387,715; Oct. 30.
Welding mechanism. A. L. Munson. 2,379,983; July 10.
Welding metallic strips to metallic bodies, Resistance. H. P. Guirl. 2,381,742; Aug. 7.
Welding method. A. Vang. 2,390,971; Dec. 11.
Welding method and apparatus. J. P. Ferguson. 2,376,762; May 22.
Welding, Method and apparatus for. G. S. Mikhalapov. 2,388,430; Nov. 6.
Welding, Method and apparatus for resistance. D. Sciaky. 2,385,947; Oct. 2.
Welding, Resistance. A. B. White and C. H. Jennings. 2,372,147; Mar. 20.
Welding ring. C. F. Robie. 2,382,098; Aug. 14.
Welding ring. H. A. Unke. 2,369,381; Feb. 13.
Welding ring. R. H. von Ahrens. 2,366,579; Jan. 2.
Welding rod container. E. C. Young. 2,382,932; Aug. 14.
Welding rod holder. T. K. Checkos. 2,372,251; Mar. 27.
Welding rod holder. J. H. Hill. 2,390,837; Dec. 11.
Welding rod holder. G. Hiller. 2,378,707; June 19.
Welding rod holder. E. F. Raymond. 2,372.009; Mar. 20.
Welding rod holder. E. C. Young. 2,390.631; Dec. 11.
Welding rod transfer mechanism. C. F. Mayer. 2,373,325; Apr. 10.
Welding system. J. W. Dawson and H. Klemperer. 2,383,473; Aug. 28.
Welding system. L. O. Dorfman. 2,387,889; Oct. 30.
Welding system, Resistance. J. W. Dawson. 2,377,328; June 5.
Welding tool. G. C. Morris. 2,379,645; July 3.
Welding tool. E. R. Workman. 2,371,664; Mar. 20.
Well apparatus, Operating. R. C. Baker. 2,373,006; Apr. 3.
Well cabinet clothes drier. J. J. McCauley. 2,377,255; May 29.
Well casing expander. A. L. Prout. 2,383,214; Aug. 21.
Well casing cap. W. Rubly. 2,390,393; Dec. 4.
Well cementing apparatus. P. V. McGivern and J. Chastain. 2,368,419; Jan. 30.
Well cementing device. L. H. Haywood. 2,379,079; June 26.
Well completion apparatus. E. F. Cooke. 2,386,841; Oct. 16.
Well conditioning apparatus. M. Schlumberger. 2,381,929; Aug. 14.
Well construction. J. R. Betts. 2,369,939; Feb. 20.
Well control device. H. C. Laird and H. C. Otis. 2,373,034; Apr. 3.
Well control head. E. J. Roach and E. F. Cooke, Jr. 2,387,610; Oct. 23.
Well devices. H. C. Otis. 2,371,840; Mar. 20.
Well derrick substructure. J. D. McEwen. 2,377,705; June 5.
Well drilling. W. M. Dobson, A. L. Frye, and T. A. Griggs. 2,380,156; July 10.
Well drilling apparatus. R. R. Hays. 2,390,646; Dec. 11.
Well drilling fluid. R. D. Dawson and C. F. Blankenhorn. 2,371,955; Mar. 20.
Well drilling tool. J. J. McNamara. 2,371,248; Mar. 13.
Well flow device. R. O. Walton. 2,385,316; Sept. 18.
Well flow device. R. O. Walton. 2,391,605; Dec. 25.
Well flowing means. R. G. Taylor, Jr., and E. D. Wilde. 2,377,981; June 12.
Well head and casing suspension structure. H. Allen. 2,380,388; July 31.
Well logging. J. C. Bender. 2,366.694; Jan. 9.
Well logging. A. Frosch. 2,369,550; Feb. 13.
Well logging. J. J. Mullane. 2,368,486; Jan. 30.
Well logging. J. A. Riise, Jr. 2,370,814; Mar. 6.
Well logging instrument. S. A. Scherbatskoy, R. E. Fearon, J. Neufeld, and G. Swift. 2,376,821; May 22.
Well logging method. R. E. Fearon. 2,390,931; Dec. 11.
Well logging method and apparatus, Radioactive. S. Krasnow and L. F. Curtis. 2,384,840; Sept. 18.
Well-logging, Radioactivity. L. G. Howell. 2,391,093; Dec. 18.
Well measurement. D. Silverman. 2,370,818; Mar. 6.
Well packer and apparatus for producing wells. H. C. Otis and J. C. Luccous. 2,384,192; Sept. 4.
Well packer, Retrievable. R. C. Baker. 2,373,005; Apr. 3.
Well point. T. F. Moore. 2,388,640; Nov. 6.
Well pump. H. J. Pankratz. 2,375,578; May 8.
Well scraping tool. E. D. Every. 2,369,222; Feb. 13.
Well screen. V. F. Every. 2,387,725; Oct. 30.
Well-servicing apparatus, Portable. C. R. Athy. 2,379,333; June 26.
Well survey method and apparatus. R. E. Fearon. 2,368,532; Jan. 30.
Well survey method and apparatus. R. E. Fearon. 2.390,433; Dec. 4.
Well surveying. R. G. Piety. 2,385,378; Sept. 25.
Well surveying instrument. R. D. Agnew. 2,378,526; June 19.
Well tool. L. Hartsell. 2,384,090; Sept. 4.
Well tool. L. C. Miller. 2,375,313; May 8.
Wells, Completing. E. E. Byrd. 2,374,922; May 1.
Welt beating machine. J. P. Fredericksen. 2,375,217; May 8.
Welt shoe press. W. C. Card, Jr. 2,375,346; May 8.
Welts in straight knitting machines, Forming. H. J. Straussberger. 2,387,780; Oct. 30.
Welts, Producing. O. Worm. 2,379,773; July 3.
Wetting agent for mercerizing and a process for increasing the wetting power of mercerizing lyes. B. Von Becker. 2,368,277; Jan. 30.
Wetting and emulsifying agents. K. L. Lynch and H. J. West. 2,379,535; July 3.
Wheat, Treatment of insect-damaged. C. H. Evans. 2,389,302; Nov. 20.
Wheel: *See*—
- Abrading wheel.
- Aircraft landing wheel.
- Airplane wheel.
- Automotive vehicle wheel.
- Buffing and polishing wheel.
- Centrifugal abrasive-sheet holding wheel.
- Centrifugal throwing wheel.
- Emergency wheel.
- Fan wheel.
- Flexible wheel.
- Recap tire balancing wheel.
- Reinforced abrasive wheel.
- Roughing wheel.
- Solid tire cushion wheel.
- Spring wheel.
- Sprocket wheel.
- Steering wheel.
- Traction wheel
- Water-power wheel.

Wheel. F. W. Burger. 2,379,277; June 26.
Wheel. C. W. Sinclair. 2,366,938; Jan. 9.
Wheel. C. W. Sinclair. 2,384,649; Sept. 11.
Wheel. C. W. Sinclair. 2,391,200; Dec. 18.
Wheel. H. F. Waters. 2,377,531; June 5.
Wheel and axle packing. H. W. Sanford. 2,387,301; Oct. 23.
Wheel and chain, Traction. C. E. Frederickson. 2,383,184; Aug. 21.

Wheel and driving same, Gyro. B. G. Carlson. 2,380,578; July 31.
Wheel and tire lift, Dual. E. R. Carruthers. 2,380,415; July 31.
Wheel assembly. I. R. Trevisan. 2,382,589; Aug. 14.
Wheel assembly, Dual. C. S. Ash. 2,381,857; Aug. 14.
Wheel assembly, Dual. C. S. Ash. 2,387,382; Oct. 23.
Wheel assembly, Dual. C. S. Ash. 2,389,339; Nov. 20.
Wheel brake. C. Hollerith. 2,381,166; Aug. 7.
Wheel chair, table, and bed, Combination. J. Pezzano. 2,383,340; Aug. 21.
Wheel construction. G. A. Lyon. 2,368,240; Jan. 30.
Wheel construction. G. A. Lyon. 2,368,242; Jan. 30.
Wheel construction. G. A. Lyon. 2,386,225–7; Oct. 9.
Wheel construction. J. Morkoski. 2,366,280; Jan. 2.
Wheel construction. W. W. Shaw. 2,367,825; Jan. 23.
Wheel construction, Fifth. G. Walther and E. L. Miller. 2,387,625; Oct. 23.
Wheel construction, Polishing. G. S. Fuller. 2,379,141; June 26.
Wheel covers, Making. G. A. Lyon. 2,368,229; Jan. 30.
Wheel covers, Making. G. A. Lyon. 2,386,223; Oct. 9.
Wheel dresser, Grinding. V. W. Bunker, M. De Young, and H. W. Kropf. 2,391,122; Dec. 18.
Wheel dresser, Radius. A. Greig. 2,377,934; June 12.
Wheel dressing device, Grinding. G. W. Starn. 2,377,822; June 5.
Wheel dressing machine, Abrasive. G. F. Eglinton. 2,373,882; Apr. 17.
Wheel drive for vehicles, Front. A. T. Krenzien. 2,380,181; July 10.
Wheel driving means, Vehicle. L. M. Ballamy and R. H. Sheepshanks. 2,377,124; May 29.
Wheel flange lubricator. B. E. Folk and H. Winther. 2,380,743; July 31.
Wheel for agricultural tractors. W. Bower. 2,381,639; Aug. 7.
Wheel gauge adjustment. O. R. Peterson. 2,371,261; Mar. 13.
Wheel gauging instrument. R. M. Greenleaf and J. L. Hunt. 2,381,276; Aug. 7.
Wheel hoe. R. M. Kraus. 2,388,553; Nov. 6.
Wheel lock. P. G. Turner. 2,377,465; June 5.
Wheel mounting. J. A. Bombardier. 2,367,751; Jan. 23.
Wheel mounting. W. F. Herold. 2,377,232; May 29.
Wheel mounting. L. P. Miliard. 2,383,406; Aug. 21.
Wheel-mounting dolly. R. D. Moore. 2,379,587; July 3.
Wheel mounting for aircraft. L. W. Manheim, Sr. 2,389,525; Nov. 20.
Wheel structure. G. A. Lyon. 2,368,228; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,230; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,234–6; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,238; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,241; Jan. 30.
Wheel structure. G. A. Lyon. 2,368,243–54; Jan. 30.
Wheel structure. G. A. Lyon. 2,386,224; Oct. 9.
Wheel structure. G. A. Lyon. 2,386,228–45; Oct. 9.
Wheel suspension, Automobile front. D. W. Sherman. 2,372,744; Apr. 3.
Wheel suspension for motor vehicles. H. T. Woolson and G. H. Parker. 2,371,864; Mar. 20.
Wheel suspension for motor vehicles. H. T. Woolson, A. G. Herrshoff, H. A. Hicks, G. H. Parker, and R. A. Wyatt. 2,383,101; Aug. 21.
Wheel trim ring, Ornamental. C. B. Aske. 2,368,232; Jan. 30.
Wheel truck mounting. W. F. Schmied. 2,387,093; Oct. 16.
Wheeled figure toy. C. S. Olson. 2,374,888; May 1.
Wheeled invalid chair. T. R. Grady. 2,369,040; Feb. 6.
Wheels, Counterbalance for. F. H. Le Jeune. 2,370,361; Feb. 27.
Wheels, Form crushing of abrasive. G. F. Eglinton. 2,384,289; Sept. 4.
Wheels, Grinding. S. S. Kistler. 2,384,683–4; Sept. 11.
Wheels, Safety. A. P. MacDicken. 2,385,215; Sept. 18.
Whipping machine, Portable. R. J. Sharp. 2,390,186; Dec. 4.
Whirler, Plate. J. T. Campbell. 2,386,591; Oct 9.
Whiskey, Clarify or chillproof. H. G. Atwood. 2,367,557; Jan. 16.
Whistle. A. M. Osterholt. 2,388,495; Nov. 6.
Whistle, Steam. S. Soderberg. 2,386,513; Oct. 9.
Whooping cough endotoxin. L. P. Strean. 2,371,002; Mar. 6.
Wick, Oil burner. J. M. Weaver. 2,371,006; Mar. 6.
Wick, Oil stove. R. G. Quinn. 2,376,083; May 15.
Wiener vending machine and process. C. R. Simpkins. 2,390,277; Dec. 4.
Winch. C. F. Ball. 2,389,177; Nov. 20.
Winch. H. F. Banzhaf and A. Finlay. 2,379,858; July 10.
Winch drive, Self-braking. B. M. Crawford. 2,379,477; July 3.
Winch, Tractor mounted. R. B. Magee. 2,375,233; May 8.
Wind driven electric generator. L. F. Touhey. 2,373,207; Apr. 10.
Wind indicator. R. Poole. 2,390,384; Dec. 4.
Wind instrument. C. F. W. Forssberg. 2,373,110; Apr. 10.
Windmill and electric generator, Combined. F. Victoria. 2,376,020; May 15.
Windmill and pump remotely operated thereby. R. J. Sharp. 2,379,833; July 3.
Wind recording apparatus. M. D. Thomas and J. O. Ivie. 2,391,601; Dec. 25.
Windrower, Small grain. W. C. McCann. 2,388,861; Nov. 13.
Windshield. E. W. Slicer. 2,383,169; Aug. 21.
Windshield and cleaner therefor. C. Christel. 2,387,564; Oct. 23.
Windshield attachment, Automobile. A. L. De Patto. 2,371,430; Mar. 13.
Windshield cleaner. D. N. Mussen. 2,376,714; May 22.
Windshield cleaner. E. V. Schaal. 2,388,500; Nov. 6.
Windshield cleaner. A. C. Scinta. 2,388,089; Oct. 30.
Windshield cleaner. S. S. Smith. 2,383,750; Aug. 28.
Windshield, Iceproof. W. J. O'Connor. 2,386,339; Oct. 9.
Windshield or window construction. H. M. Dodge. 2,382,963; Aug. 21.
Windshield wiper mechanism. S. A. Snell. 2,370,376; Feb. 27.
Windshield wiper motor. F. G. and W. M. Folberth. 2,380,511; July 31.
Windshield wiper motor. E. Koppelman. 2,385,084; Sept. 18.
Windshield wiper unit. C. R. Sacchini. 2,376,011; May 15.
Wind wheel generator. O. Bakke. 2,379,857; July 10.
Winder. L. Hornbostel. 2,367,777; Jan. 23.
Winder, Spring. L. R. Buczkoski. 2,388,383; Nov. 6.
Winding and reeling. M. Morrison. 2,366,977; Jan. 9.
Winding and spooling device, Multiple. H. P. Ruf. 2,390,223; Dec. 4.
Winding apparatus. A. J. Dowd. 2,367,489; Jan. 16.
Winding apparatus. E. Sirp. 2,371,781; Mar. 20.
Winding apparatus, Core. L. Stastney. 2,382,451; Aug. 14.
Winding element. F. J. Sigmund and W. S. Hlavin. 2,383,019; Aug. 21.
Winding frame. W. & W. Reiners, G. Kahlisch, and S. Fürst. 2,369,606; Feb. 13.
Winding machine. E. H. Cobb. 2,371,876; Mar. 20.
Winding machine. C. F. Fitzgerald. 2,373,109; Apr. 10.
Winding machine. R. E. Morton. 2,391,472; Dec. 25.
Winding machine. W. L. Perry and E. J. Abbott. 2,377,367; June 5.
Winding machine. W. Siegenthaler. 2,387,949; Oct. 30.
Winding machine. H. E. Swift and E. R. Davis. 2,372,136; Mar. 20.
Winding machine A. E. Winslow. 2,373,073; Apr. 3.
Winding machine, Continuous. W. S. Corbin, F. Chilson, P. L. Tollison, C. S. Caffrey, and A. F. Pilon. 2,385,691; Sept. 25.
Winding machine, Continuous. W. S. Corbin, P. L. Tollison, A. F. Pilon, F. Chilson, and C. S. Caffrey. 2,385,692; Sept. 25.
Winding machine for producing tubular cops. W. Siegenthaler. 2,385,949; Oct. 2.
Winding machine, Spring. A. A. Weisberger and E. G. Glick. 2,389,109; Nov. 13.
Winding machine with automatic spool exchanging means. A. Brügger. 2,378,978; June 26.
Winding material. C. C. Smith. 2,372,400; Mar. 27.
Winding reel. L. E. Gainer. 2,378,997; June 26.
Winding ribbons on heat exchange tubes, Method of and machine for. R. M. Stikeleather. 2,374,144; Apr. 17.
Winding textile packages. R. Little and L. Jehu. 2,388,557; Nov. 6.
Winding wire on a body of revolution. Method of and apparatus for. D. Mapes. 2,371,107; Mar. 6.
Window. A. A. Campbell. 2,377,863; June 12.
Window. W. P. Kessler. 2,367,129; Jan. 9.
Window. G. D. Smith. 2,390,394; Dec. 4.
Window. T. Spacie. 2,375,257; May 8.
Window. F. E. Young. 2,371,724; Mar. 20.
Window, Air locked. J. B. Liberty. 2,381,504; Aug. 7.
Window and improved construction therefor. S. Hellman. 2,389,509; Nov. 20.
Window, Casement storm. H. A. Kaufmann. 2,384,929; Sept. 18.
Window, Combination storm. J. L. Metzger. 2,386,625; Oct. 9.
Window construction. A. Cuthill and J. C. McBroom. 2,371,154; Mar. 13.
Window construction. E. F. Gaines and W. C. Lippert. 2,375,546; May 8.
Window construction. H. Goldenberg. 2,383,852; Aug. 28.
Window construction. M. G. Hodson. 2,375,553; May 8.
Window construction. E. J. Kump, Jr. 2,366,339; Jan. 2.
Window construction. J. I. Levyn. 2,382,162; Aug. 14.
Window construction. B. H. Marcus. 2,385,148; Sept. 18.
Window construction. T. R. Smith. 2,383,691; Aug. 28.
Window construction, Awning type. A. H. Soule. 2,366,815; Jan. 9.
Window construction, Cellar. C. B. Weedon. 2,381,147; Aug. 7.
Window construction, Double. W. B. Firner. 2,377,684; June 5.
Window, Insulating. E. Clerk. 2,387,119; Oct. 16.
Window lock. A. Kaufman and H. Korman. 2,373,400; Apr. 10.

Window, Metal bulletproof. K. Mindt. 2,372,636; Mar. 27.
Window operator. V. S. Lundell. 2,370,740; Mar. 6.
Window operator. A. Rappl. 2,369,797; Feb. 20.
Window operator. A. Rappl. 2,375,037; May 1.
Window operator. A. Rappl. 2,378,103; June 12.
Window operator. A. Rappl. 2,390,617; Dec. 11.
Window operator. A. Rappl. 2,391,073; Dec. 18.
Window operator. A. Rappl and E. C. Horton. 2,390,271; Dec. 4.
Window, Railroad engineman's clear vision. W. McMinnis. 2,368,555; Jan. 30.
Window, Reversible sash. C. Kelliher. 2,379,528; July 3.
Window sash control device. N. C. Leidgen. 2,381,976; Aug. 14.
Window sash operator. E. R. Tarvin. 2,368,622; Feb. 6.
Window sash support. A. Perreton. 2,374,618; Apr. 24.
Window shade and supporting bracket. F. R. Schueller. 2,375,496; May 8.
Window-shield. W. R. Kohl. 2,383,132; Aug. 21.
Window, Storm. W. P. Collins. 2,375,349; May 8.
Window, Storm. J. M. Drab. 2,388,044; Oct. 30.
Window, Storm. C. O. Lewis. 2,379,727; July 3.
Window structure. B. D. Crozier. 2,376,666; May 22.
Window structure. G. Gargiulo. 2,383,912; Aug. 28.
Window structure. A. J. McLoughlin. 2,375,013; May 1.
Window structure. E. C. Swanson, P. C. Gaskell, and H. A. Smothermon. 2,378,255; June 12.
Window structure. G. Trautvetter. 2,386,151; Oct. 2.
Window, Thermally insulated. W. S. K. Smith. 2,379,601; July 3.
Window unit. B. F. Krehbiel. 2,373,762; Apr. 17.
Wing, Aircraft. G. W. Hardman. 2,379,352; June 26.
Wing flap and tail wheel control. E. L. Noonan and W. Tydon. 2,366,868; Jan. 9.
Wing flaps or the like, Operation of bellows-type. A. L. Lowell and K. F. Fromuth. 2,369,152; Feb. 13.
Wing for airplanes, Retractable auxiliary. C. L. Thompson. 2,376,636; May 22.
Wiper, Electric windshield. J. B. Whitted. 2,370,101; Feb. 20.
Wiper mechanism. Windshield. C. R. Sacchini and W. Waterman. 2,376,010; May 15.
Wiper, Windshield. G. F. Darling. 2,372,813; Apr. 3.
Wiper, Windshield. C. L. Osborn. 2,367,307; Jan. 16.
Wire and cable stripping machine. J. P. Kane. 2,374,211; Apr. 24.
Wire coil insert. H. W. Cram. 2,390,514; Dec. 11.
Wire coiling apparatus. C. R. Bergevin. 2,388,630; Nov. 6.
Wire coils, Forming. H. Caminez. 2,371,674; Mar. 20.
Wire coils, Recessing. O. Haas. 2,385,357; Sept. 25.
Wire connector. E. Cornella. 2,388,724; Nov. 13.
Wire connector. H. L. Gordon. 2,370,725; Mar. 6.
Wire container. R. P. Messenger, L. H. Kaupke, and R. R. Raney. 2,389,529; Nov. 20.
Wire coupling means, Electric service. H. F. Roesch. 2,378,105; June 12.
Wire cutter. A. A. Westman. 2,368,906; Feb. 6.
Wire drawing apparatus. W. H. MacDonald and L. J Woods. 2,370,806; Mar. 6.
Wire-drawing equipment. L. F. Black and A. L. Kefover. 2,368,107; Jan. 30.
Wire drawing machine. B. N. Bletso. 2,384,275; Sept. 4.
Wire-drawing machine. W. Morgan. 2,370,481; Feb. 27.
Wire drawing process and apparatus. W. O. Schultz. 2,369,805; Feb. 20.
Wire feeder. C. J. L. Mos. 2,373,589; Apr. 10.
Wire feeding means for fastening inserting machines. H. Lane and W. A. Barton. 2,376,924; May 29.
Wire gauge, Thread and stranded. S. Pantages. 2,391,590; Dec. 25.
Wire grinding machine. C. A. Carlson. 2,383,927; Aug. 28.
Wire guide, Extrusion centering. W. C. Heath. 2,366,528; Jan. 2.
Wire laying head. A. E. Winslow. 2,371,939; Mar. 20.
Wire line safety control packer. R. R. Lawrence. 2,376,605; May 22.
Wire mesh, Continuous manufacture of welded. G. R. Roemer. 2,390,174; Dec. 4.
Wire, Method and apparatus for producing coated. W. C. Lang. 2,370,973; Mar. 6.
Wire pay-off reel. J. Kramer. 2,390,157; Dec. 4.
Wire, Producing stepped. R. W. Henry. 2,379,801; July 3.
Wire reel. A. H. Luebke. 2,370,868; Mar. 6.
Wire, Resistance or fuse. C. S. Sivil. 2,375,446; May 8.
Wire rolling mill. C. L. Patterson. 2,380,067; July 10.
Wire, Rubber adherent. W. E. Leonard. 2,387,335; Oct. 23.
Wire stitching machine. T. A. McCoy. 2,376,159; May 15.
Wire stitching machine. R. Minkow. 2,371,062; Mar. 6.
Wire stitching machine. J. I. Nasmith and W. Kirby. 2,374,373; Apr. 24.
Wire stitching machine. J. I. Nasmith and W. Kirby. 2,374,770; May 1.
Wire straightening apparatus. A. Wennerberg. 2,369,329; Feb. 13.
Wire stranding machine creel. H. E. Kuehn. 2,382,884; Aug. 14.
Wire stretcher. E. V. Mosley. 2,377,957; June 12.
Wire-stripping device. R. Gordon. 2,383,479; Aug. 28.
Wire structure and method and apparatus for making the same, Broomed stranded. A. E. Brickman. 2,389,951; Nov. 27.
Wire supporting clip. A. Robertson. 2,372,682–3; Apr. 3.
Wire threading machine, Lead. A. J. Vasselli. 2,390,139; Dec. 4.
Wire twisting device. A. C. Goddard. 2,391,696; Dec. 25.
Wire twisting tool. R. D. Anderson. 2,375,835; May 15.
Wire winding and unwinding reel. J. W. Houston. 2,391,240; Dec. 18.
Wires, particularly fine wires used in the manufacture of electric coils, Joining of. G. Gilliver. 2,371,438; Mar. 13.
Wires, particularly fine wires used in the manufacture of electric coils, Joining of. G. Gilliver. 2,390,999; Dec. 18.
Wiring and the like clip device. E. P. Cogswell. 2,376,314; May 15.
Wood and metal connection or the like. G. F. Berger. 2,376,570; May 22.
Wood, Coloring. C. K. Black. 2,391,613; Dec. 25.
Wood digestion resin-aldehyde condensation product. R. W. Martin. 2,383,558; Aug. 28.
Wood gutter, Sectional. N. T. MacKenzie. 2,383,938; Sept. 4.
Wood impregnation. G. Wood. 2,382,374; Aug. 14.
Wood joining fastener. S. L. Travers. 2,386,758; Oct. 16.
Wood, Preservation and fireproofing of. R. N. Hammond. 2,381,049; Aug. 7.
Wood preservative. B. O. Häger. 2,384,026; Sept. 4.
Wood preserving composition, Making a. E. V. Swanson. 2,370,378; Feb. 27.
Wood pulp, Purification of. W. R. Collings, R. D. Freeman, M. J. Roberts, and W. O. Hisey. 2,385,259; Sept. 18.
Wood pulp separator. A. H. Piponius. 2,367,961; Jan. 23.
Wood, Treatment of. C. I. Haney, M. E. Martin, and T. E. McGoury. 2,389,195; Nov. 20.
Woodworking. R. R. Rohl. 2,370,918; Mar. 6.
Woodworking machine. W. J. Cartledge. 2,366,831; Jan. 9.
Woodworking machine. A. N. Emmons. 2,367,461; Jan. 16.
Woodworking machine carriage. A. E. Horman. 2,383,195; Aug. 21.
Woodworking machine tool. J. L. Brocco and M. V. Iarussi. 2,382,971; Aug. 21.
Wooden propeller blades, Making laminated. F. E. Weick. 2,368,734; Feb. 6.
Wool-combing machine. H. Sarkisian. 2,384,344; Sept. 4.
Wool from soy bean protein, Manufacture of synthetic. O. Huppert. 2,377,885; June 12.
Wool manufacture, Mineral. E. R. Powell. 2,388,935; Nov. 13.
Wool nonfelting, Rendering. F. A. Hessel and J. B. Rust. 2,382,632; Aug. 14.
Wool sampler. A. Johnston and G. C. LeCompte. 2,378,484; June 19.
Wool, Treatment of. A. J. Hall and F. C. Wood. 2,367,273; Jan. 16.
Wool, Unified process for treating. W. P. Heintz and W. H. Zillessen. 2,387,510; Oct. 23.
Work driver. O. J. E. Olsson. 2,371,465; Mar. 13.
Work feeding device. T. E. Mead. 2,385,521; Sept. 25.
Work feeding device. J. R. Turner. 2,369,269; Feb. 13.
Work handling apparatus for mechanical presses. W. G. Landwier. 2,368,478; Jan. 30.
Work handling mechanism. H. Law. 2,376,495; May 22.
Work handling unit. H. H. Colson. 2,390,293; Dec. 4.
Work holder. W. H. Farr and E. P. Hawthorne. 2,372,478; Mar. 27.
Work holder and vise. K. Kozaroczy. 2,369,901; Feb. 20.
Workholder for arc-welding apparatus. J. R. Wirt. 2,391,762; Dec. 25.
Work-holding and positioning means. E. Q. Kruchten. 2,383,201; Aug. 21.
Work-holding clamp. F. Ostling. 2,366,350; Jan. 2.
Work holding device. E. Barnes. Re. 22,641; May 15.
Work holding device. H. L. Collins. 2,378,912; June 26.
Work-holding device. H. D. Manning. 2,372,727; Apr. 3.
Work locator, Automatic. H. K. Ferger. 2,369,223; Feb. 13.
Work positioning apparatus. L. Meister. 2,381,458; Aug. 7.
Work shifting device. H. C. Pierce. 2,377,034; May 29.
Work support. E. A. Holmgren. 2,386,397; Oct. 9.
Work support. G. G. Landis and N. J. Hoenie. 2,383,503; Aug. 28.
Work support. N. M. Marsilius. 2,370,366; Feb. 27.
Work support adjusting mechanism for machine tools. H. Arter. 2,375,172; May 1.
Work support for shoe machines. F. Ashworth. 2,383,529; Aug. 28.
Work support for side seam welding. D. P. Bisbee. 2,371,376; Mar. 13.
Work support for use in machining operations, Adjustable. I. W. Bemis. 2,390,865; Dec. 11.
Work supporting and finishing apparatus. A. M. Sasgen. 2,379,992; July 10.

Work-supporting means for box-making machines. G. P. Woodbury. 2,375,400; May 8.
Work supporting post for sewing machines. G. W. Wesson. 2,367,813; Jan. 23.
Working machine, Road surface. M. S. Ariens. 2,381,330; Aug. 7.
Worm gear hobbing machine. W. F. Zimmermann. 2,374,254; Apr. 24.
Worm gearing. E. Anderson. 2,378,891; June 26.
Wound members, Manufacture of. W. W. McMinn and O. M. Brant. 2,377,950; June 12.
Wound protector. E. H. Purdy. 2,367,690; Jan. 23.
Wound strand bodies, Conditioning. D. Marinsky and L. H. Morin. 2,369,155; Feb. 13.
Woven resistance units, Making. W. J. Larson. 2,375,997; May 15.
Wrap-around wire supporting clip. E. M. Morehouse. 2,373,328; Apr. 10.
Wrap mechanism, Tight-loose. T. Jensen. 2,382,420; Aug. 14.
Wrapped article and wrapping the same. L. D. Freiberg. 2,371,985; Mar. 20.
Wrapper. E. C. Scott. 2,387,217; Oct. 16.
Wrapper. R. H. Wilbur. 2,384,223; Sept. 4.
Wrapper for wound filamentary masses. F. A. Decker, Jr., and L. Spangler. 2,382,400; Aug. 14.
Wrapping for commodities. W. H. Bryce. 2,367,563; Jan. 16.
Wrapping machine. W. B. Bronander. 2,373,655; Apr. 17.
Wrapping machine. W. B. Bronander. 2,374,172; Apr. 24.
Wrapping machine. C. A. Gerlach. 2,368,213; Jan. 30.
Wrapping machine. C. J. Malhiot. 2,383,664; Aug. 28.
Wrapping machine. J. S. Pecker, H. A. Simpson, and A. S. Kirshner. 2,381,078; Aug. 7.
Wrapping machine. W. B. Ranney. 2,370,072; Feb. 20.
Wrapping machine. W. B. Ranney. 2,370,418; Feb. 27.
Wrapping machine. H. J. and F. Werden. 2,366,888; Jan. 9.
Wrapping machine. L. V. Whipple and J. D. Wells. 2,374,148; Apr. 17.
Wrapping machine and method. A. W. Witbro. 2,380,816; July 31.
Wrapping machine, Pipe. A. J. Pfohl and C. M. Wood. Re. 22,591; Jan. 16.
Wrapping mechanism. T. Jensen. 2,385,706; Sept. 25.
Wrapping sheet and manufacture, Heat sealable waxed. C. M. Rhodes and H. W. Wendorf. 2,371,314; Mar. 13
Wrapping yarn around wire, Flier for. C. J. Murphy. 2,390,454; Dec. 4.
Wrecking bar. M. Tabellione. 2,382,831; Aug. 14.
Wrecking tool. C. Fiebke, Sr. 2,374,530; Apr. 24.
Wrench: *See*—
- Adjustable box wrench.
- Adjustable spanner wrench.
- Adjustable wrench.
- Clamp wrench.
- Closure plug wrench.
- Connector wrench.
- Impact wrench.
- Locking wrench.
- Pipe wrench.
- Pop-up spud wrench.
- Quick adjustable wrench.
- Ratchet measuring wrench.
- Ratchet wrench.
- Safety wrench.
- Screw-top jar wrench.
- Socket wrench.
- Spanner ratchet wrench.
- Sucker rod wrench.
- Torque wrench.
- Turnbuckle wrench.
- Watchcase wrench.

Wrench. A. Boynton. 2,370,837; Mar. 6.
Wrench. A. C. Brintnall. 2,366,312; Jan. 2.
Wrench. G. H. Clark. 2,377,612; June 5.
Wrench. J. A. Cogbill. 2,391,394; Dec. 25.
Wrench. M. J. DeGraw. 2,386,444; Oct. 9.
Wrench. A. C. Ertner. 2,391,143; Dec. 18.
Wrench. R. E. Gearhart. 2,369,346; Feb. 13.
Wrench. L. E. Leathers. 2,386,616; Oct. 9.
Wrench. A. C. Leisenring. 2,382,074; Aug. 14.
Wrench. H. C. Reynolds. 2,384,399; Sept. 4.
Wrench. A. Rober. 2,389,933; Nov. 27.
Wrench. G. F. Seashore. 2,385,654; Sept. 25.
Wrench. F. A. Snell. 2,388,580; Nov. 6.
Wrench or like tool, Torque. R. H. Thorner. 2,378,956; June 26.
Wrench or pliers, Adjustable. G. F. Colley. 2,375,082; May 1.
Wrenches, Lock for. R. H. Kershaw. 2,378,854; June 19.
Wringer. E. L. Baker. 2,379,619; July 3.
Wringer. H. H. Beasley. 2,382,388; Aug. 14.
Wringer. R. S. Blough. 2,376,751; May 22.
Wringer. C. C. Cammack. 2,371,380; Mar. 13.
Wringer. N. L. Etten. 2,388,207; Oct. 30.
Wringer. W. L. Kauffman, II. Re. 22,639; May 1.
Wringer. W. L. Kauffman, II. 2,386,474; Oct. 9.
Wringer. C. Moon. 2,387,086; Oct. 16.
Wringer. C. B. Williams. 2,369,699; Feb. 20.
Wringer. C. B. Williams and T. W. Kaestner. 2,369,700–2; Feb. 20.
Wringer. C. W. Williams. 2,369,703; Feb. 20.
Wringer assembly. T. R. Smith. 2,377,820; June 5.
Wringer construction. T. R. Smith. 2,377,819; June 5.
Wringer mechanism. A. W. Altorfer. 2,385,769; Oct. 2.
Wringer mechanism. L. A. Bottinelli. 2,369,333; Feb. 13.
Wringer, Mop. F. M. and L. B. Fritsch. 2,384,907; Sept. 18.
Wringer, Pivotal frame. N. L. Etten. 2,389,768; Nov. 27.
Wrinkle finish, Producing marbleized. W. A. Waldie. 2,373,211; Apr. 10.
Wrist protector. M. Jungmann. 2,388,330; Nov. 6.
Writing instrument. L. J. Biro. 2,390,636; Dec. 11.
Writing paper. A. Teicher. 2,366,575; Jan. 2.
Writing tablet. L. Ponnock. 2,367,608; Jan. 16.
X-ray analysis apparatus. W. L. Bond. 2,377,862; June 12.
X-ray apparatus. Z. J. Atlee and J. C. Filmer. 2,387,427; Oct. 23.
X-ray apparatus. S. W. West. 2,369,507; Feb. 13.
X-ray camera. D. Harker. 2,380,236; July 10.
X-ray cassette. F. T. Powers. 2,371,843; Mar. 20.
X-ray cassette. F. T. Powers. 2,391,191; Dec. 18.
X-ray contrast composition. S. Hermann. 2,368,833; Feb. 6.
X-ray diffraction patterns, Measuring. H. Friedman. 2,386,785; Oct. 16.
X-ray dosage indicator. W. H. Dimsdale and A. E. Clarke. 2,387,887; Oct. 30.
X-ray film holder. A. F. Cota. 2,381,261; Aug. 7.
X-ray generating means. E. R. Goldfield, R. C. Schiring, and R. J. Stava. 2,369,453; Feb. 13.
X-ray of flowers and the like. A. M. McFarland. 2,379,814; July 3.
X-ray protective composition. D. W. Robertson and J. A. Breckley. 2,367,738; Jan. 23.
X-ray radiography for locating embedded materials, Medical. D. McLachlan, Jr. 2,387,597; Oct. 23.
X-ray radiography of inclusions. D. McLachlan, Jr. 2,387,704; Oct. 23.
X-ray timer. M. M. Schwarzschild. 2,384,647; Sept. 11.
X-ray timer tester. W. L. Gerke. 2,374,280; Apr. 24.
X-ray tube protective system. L. L. Weisglass. 2,379,125; June 26.
X-ray tubes, Collapsible support for. E. R. Goldfield, R. C. Schiring, and R. J. Stava. 2,369,454; Feb. 13.
Xylene, Production of. W. J. Mattox. 2,386,969; Oct. 16.
Yardage control mechanism. J. H. Garrott. 2,390,703; Dec. 11.
Yarn and fabric, Composite. W. H. Hall, Jr. 2,388,140; Oct. 30.
Yarn and process, Cellulose acetate. R. M. Hoffman. 2,387,791; Oct. 30.
Yarn-carrier presenting tuft-fabric looms. W. Bixby. 2,372,758; Apr. 3.
Yarn conditioning process. J. R. Caldwell. 2,388,826; Nov. 13.
Yarn feed control means for textile machines. P. J. Thomas. 2,386,822; Oct. 16.
Yarn feeding and changing mechanism for knitting machines. H. H. Holmes and A. H. Widdowson. 2,375,473; May 8.
Yarn forwarding apparatus. R. D. McCrosky. 2,370,180; Feb. 27.
Yarn friction, Device for measuring. C. T. Zahn. 2,378,614; June 19.
Yarn guide means. F. G. Weisbecker. 2,376,643; May 22.
Yarn handling. D. R. Hull. 2,366,336; Jan. 2.
Yarn, Highly stretchable. B. H. Foster. 2,387,320; Oct. 23.
Yarnlike structure. K. Heymann. 2,369,395; Feb. 13.
Yarn lubrication. M. H. Lyle and C. B. Smith. 2,383,505; Aug. 28.
Yarn, Making highly stretchable textile. N. Haddad. 2,387,321; Oct. 23.
Yarn, Making ramie. M. Sabner. 2,371,573; Mar. 13.
Yarn, Making synthetic resin. S. G. Saunders and H. Morrison. 2,376,511; May 22.
Yarn, Manufacture of glass. J. F. Hyde. 2,390,370; Dec. 4.
Yarn, Resilient synthetic. J. R. Caldwell. 2,378,183; June 12.
Yarn, Stretching cellulose ester. R. F. Conaway. 2,385,403; Sept. 25.
Yarn supplying mechanism. P. S. Smith. 2,366,364; Jan. 2.
Yarn tension system. H. J. Theiler. 2,373,066; Apr. 3.
Yarn tensioning device. E. C. Gwaltney and H. R. Marsh. 2,391,307; Dec. 18.
Yarn tensioning means. J. C. Bodansky. 2,372,053; Mar. 20.
Yarn treating process and resulting product. J. B. Dickey and J. G. McNally. 2,388,833; Nov. 13.
Yarn twister. A. E. Winslow. 2,385,046; Sept. 18.
Yarn, Unwinding. P. W. Markwood. 2,377,799; June 5.
Yarn winding frame. E. T. Hall. 2,373,393; Apr. 10.
Yarns in knitting machines, Controlling. T. C. Bromley and A. Shortland. 2,366,381; Jan. 2.
Yarns, Treatment of cellulose organic ester. P. W. Morgan. 2,375,864; May 15.
Yeast. G. T. Reich. 2,372,854; Apr. 3.
Yeast, Manufacture of. M. C. H. Deloffre. 2,367,931; Jan. 23.
Yeast product and preserving glutathione contained therein. R. W. Selman, Jr., and H. S. Myers. 2,368,384; Jan. 30.
Yeast with treated waste sulphite liquor, Cultivating. N. M. G. Söderström and H. F. Rost. 2,381,230; Aug. 7.
Yieldable device. W. F. Boldt. 2,377,748; June 5.

Yieldable device. S. Schnell. 2,372,023; Mar. 20.
Yieldable device. S. Schnell. 2,373,505; Apr. 10.
Yoke, Precision squeezer. H. S. Sines. 2,375,445; May 8.
Yoke, Scotch. D. Clausen. 2,366,237–8; Jan. 2.
Zein dispersions and making same. A. L. James. 2,377,237; May 29.
Zein molding compositions and method of molding. V. A. Navikas. 2,385,721; Sept. 25.
Zein solutions directly from gluten, Preparation of. R. E Coleman. 2,377,290–1; May 29.
Zein solutions directly from gluten, Preparation of. R. E. Coleman. 2,388,389; Nov. 6.
Zein solutions directly from gluten, Preparing. R. E. Coleman. 2,388,388; Nov. 6.
Zein solutions, Stabilization of. H. J. Hagemeyer, Jr. 2,380,429; July 31.
Zeolite regeneration. H. B. Gustafson. 2,376,914; May 29.
Zeolitic materials, Manufacture of. J. G. Dean, R. Heiligman, and R. Riley. 2,371,427; Mar. 13.
Zinc and cadmium, Surface treatment of. R. H. McCarroll, J. L. McCloud, and H. E. J. Hanson. 2,376,158; May 15.
Zinc, Anodically polishing. C. L. Faust. 2,373,466; Apr. 10.
Zinc base alloy. E. S. Bunn. 2,372,546; Mar. 27.
Zinc base alloy. E. S. Bunn. 2,385,496–7; Sept. 25.
Zinc calcium arsenate. G. W. Pearce and A. W. Avens. 2,368,565; Jan. 30.
Zinc compounds. E. Kuss and H. Hohn. 2,371,829; Mar. 20.
Zinc condenser. A. L. J. Queneau. 2,380,548; July 31.
Zinc, Electrolytic deposition of. C. G. Harford. 2,384,300; Sept. 4.
Zinc oxide, Manufacture of. R. L. Hallows and F. Clearman. 2,368,922; Feb. 6.
Zinc oxide, Producing. C. J. Lentz and G. T. Mahler. 2,370,977; Mar. 6.
Zinc oxide, Purification of. H. A. Depew. 2,372,367; Mar. 27.
Zinc salt of the reaction products of alkylated phenols and terpene-phosphorous sulphide. R. L. May. 2,379,313; June 26.
Zingerone, Production of. W. J. Cotton. 2,381,210; Aug. 7.
Zirconia. Production of. M. O. Axt. 2,384,428; Sept. 11.

LIST OF DESIGN INVENTIONS

Actuator for airplane wing flaps, Automatic. W. P. Lear and J. M. Wehner. 143,080; Dec. 4.
Actuator for movable parts of an aircraft or the like, Rotary. W. P. Lear. 141,554; June 12.
Actuator for movable parts of an airplane, Automatic. R. V. Bruland. 140,589; Mar. 13.
Aerovelocipede, Child's. J. F. Jones. 142,089; Aug. 14.
Air conditioning unit and display cabinet, Combined. F. Chalmers. 140,272; Feb. 6.
Airplane. L. R. Biasell. 140,113; Jan. 23.
Airplane. K. L. Bunyard. 140,207; Jan. 30.
Airplane. A. P. Fontaine and C. R. Irvine. 140,412; Feb. 20.
Airplane. J. Guth. 140,117; Jan. 23.
Airplane. T. P. Hall. 142,861–2; Nov. 13.
Airplane. H. L. Hibbard and C. L. Johnson. 140,795; Apr. 10.
Airplane. W. A. Hite, R. E. Harvuot, and D. H. Williams. 140,284–5; Feb. 6.
Airplane. A. Kartveli. 142,955; Nov. 20.
Airplane. A. O. Kelly. 140,120; Jan. 23.
Airplane. L. E. Oliver. 142,492; Oct. 2.
Airplane. H. M. Poyer. 141,292; May 22.
Airplane. H. M. Poyer. 141,669; June 19.
Airplane. H. M. Poyer and E. P. Rhodes. 141,670; June 19.
Airplane. E. W. Schlieben. 140,646; Mar. 20.
Airplane. H. A. Sutton. 140,919; Apr. 17.
Airplane. A. J. Thieblot. 140,220; Jan. 30.
Airplane. P. Walker. 139,898; Jan. 2.
Airplane. M. Watter. 140,127–30; Jan. 23.
Airplane, Amphibian. T. C. Patecell. 141,426; May 29.
Airplane and submarine, Combination. H. Harrington. 143,313; Dec. 25.
Airplane carrier. A. O. Kelly. 140,355; Feb. 13.
Airplane, Glider. V. S. Jensen. 139,998; Jan. 9.
Airplane or similar article. P. Porcelli. 143,351; Dec. 25.
Airplane, Transport. E. H. Heinemann and L. J. Devlin. 140,302; Feb. 6.
Air vent and fluid outlet can punch, Combined. A. M. Jacobson. 141,239; May 15.
Amusement apparatus, Coin controlled. J. F. Meyer. 140,771; Apr. 10.
Amusement device. H. E. Anderson. 140,006; Jan. 16.
Amusement device. J. H. Jones. 142,562; Oct. 16.
Amusement device, Coin-controlled. J. F. Meyer. 141,095; May 8.
Animal figure toy. W. Smith. 141,771; July 3.
Apparatus for hardening metal pieces, Heat treating. T. A. Waltz. 142,148; Aug. 14.
Appliqué or similar article. H. Staubli. 141,645; June 19.
Apron. Joseph and Jack Nachman. 140,532; Mar. 6.
Apron, Reversible. A. S. Baker. 140,330; Feb. 13.
Apron, Tool bag. F. R. Stewart. 141,919; July 31.
Arm, Phonograph pickup. L. J. Wronke. 142,052; Aug. 14.
Ashtray. B. Blecher. 140,460; Feb. 27.
Ash tray. B. Blecher. 142,692–4; Oct. 30.
Ash tray. E. J. Lytle. 142,722; Oct. 30.
Ash tray and holder for smokers' articles, Combined. J. G. Vasquez. 142,753; Oct. 30.
Ash tray or similar article. G. L. Beckstrom. 140,331–2; Feb. 13.
Atomizer. C. F. Boe. 143,264; Dec. 25.
Atomizer. F. R. High. 140,598; Mar. 20.
Atomizer. E. Williams. 143,378; Dec. 25.
Attachment for live booms, Scraper. K. J. Kennedy. 142,093; Aug. 14.
Auger, Ice. R. D. Green. 141,685; June 26.
Automobile. W. S. Hewson. 142,030; Aug. 14.
Automobile. E. C. Wells, D. J. Euler, and N. A. Collins. 142,455–7; Sept. 25.
Back for a billfold or similar article. S. J. Smallman. 139,916; Jan. 2.
Back for a wallet or similar article. M. R. Helfgott. 141,042–4; May 1.
Back for an electric switch. E. J. Baumgardner. 141,101; May 8.
Back for billfold or similar article. S. Hack. 140,710; Apr. 3.
Badge, Emblem. A. H. Lantau. 141,212; May 15.
Badge or similar article. V. Mattessich. 141,933; July 31.
Bag, Combined shoe and umbrella. O. Pascal. 140,519; Mar. 6.
Bag, Cosmetic. F. Frederics. 140,323; Feb. 13.
Bag for hot water or ice, Double. F. E. Woodruff. 140,199; Jan. 30.
Bag, Herb. J. E. Vivaudou. 143,255; Dec. 18.
Bag or similar article, Shoulder. E. J. Biel. 140,470; Feb. 27.
Bag or similar article, Sleeping. B. C. Rose. 140,917; Apr. 17.
Bag, Sachet. J. E. Vivaudou. 143,252–3; Dec. 18.
Bag, Umbrella. O. Pascal. 140,671; Mar. 27.
Bait, Rolling plug. H. P. Olson. 140,296; Feb. 6.
Balancing device, Wheel. A. N. Butler. 141,990; Aug. 7.
Ball, Playing. H. D. Glass. 141,546; June 12.
Balustrade, Escalator. O. Hohnecker. 140,600; Mar. 20.
Band or similar article, Wrist watch. M. Coogan. 140,473; Feb. 27.
Bandana. L. B. Jordan. 140,691; Mar. 27.
Bank, Coin. R. V. Moran. 142,106; Aug. 14.
Bank, Novelty coin. A. L. Edgerle. 140,815; Apr. 10.
Bank Savings. L. Ditchik. 141,813; July 10.
Bank, Savings. H. McM. Garee. 141,260; May 15.
Banner, Memorial. E. Spencer. 141,001; Apr. 24.
Bar, Liquor. H. J. and R. Roberts. 139,893–4; Jan. 2.
Bar, Oil. F. L. Ayres. 142,687; Oct. 30.
Barbecue or similar article, Portable. G. W. Jones. 142,417–18; Sept. 25.
Barbecue or similar article, Portable. J. S. Ward. 141,389; May 29.
Barbecue or similar article, Portable. J. S. Ward. 141,910; July 31.
Baseball game device. M. C. Meyer. 142,723; Oct. 30.
Base for an oil burner or the like. H. Weyenberg and C. Quist. 139,957; Jan. 9.
Base or similar article, Dresser. W. A. Rundell. 143,354; Dec. 25.
Basin, Shampoo. V. M. Iabell. 140,095; Jan. 23.
Basket. M. Rajah. 143,095; Dec. 4.
Basket and bathinette, Combination clothes. J. A. Deerwester. 141,361; May 29.
Bath and dressing stand, Combination baby K. H. Morrey. 142,107; Aug. 14.
Bath, Baby. P. W. Douglas. 142,253; Aug. 21.
Bath tub. E. L. Fleischhauer. 143,204; Dec. 18.
Battery. C. B. Stevens. 143,361–2; Dec. 25.
Battery charger or similar article. M. L. Pugh. 143,027; Nov. 27.
Battery tester and charger, Combined. J. D. Maultsby, Jr. 143,088; Dec. 4.
Bead or the like, Rosary. C. McNamara. 140,854; Apr. 10.
Bearing and bearing retainer for rotating shaft positioned in a column, Intermediate. L. Aker. 143,258; Dec. 25.
Beater, Food. F. F. Latshaw. 141,900; July 31.
Bed or similar article, Studio. E. B. Miller. 141,375; May 29.
Bedspread or the like. J. J. Maibach. 143,010–16; Nov. 27.

Bell, Spanish doll souvenir tea. C. E. Hollander. 141,636; June 19.
Belt. E. L. Sharp. 140,270; Feb. 6.
Belt and purse, Combined. E. Hentz. 142,781–2; Nov. 6.
Belt and shoulder strap bag or the like, Combination. W. D. Phelps. 139,891; Jan. 2.
Belt, Lady's. K. M. Smith. 141,429; May 29.
Belt or similar article. D. Rosenstein. 140,044; Jan. 16.
Belt or similar article. S. Saponoff. 139,947; Jan. 2.
Bench center. C. B. Stevens. 141,152; May 8.
Beverage dispensing unit. R. Yuza and J. W. Srodulski. 141,843; July 10.
Bib, Child's. M. M. Cameron. 143,268; Dec. 25.
Bib or the like. F. P. McSwiggen. 141,649; June 19.
Bicycle. Le R. W. Sly. 141,926; July 31.
Bicycle, Tandem. F. W. Schwinn. 141,505; June 5.
Billfold. W. A. Pence. 141,310–11; May 22.
Billfold. W. A. Pence. 141,380–1; May 29.
Billfold. W. A. Pence. 143,093; Dec. 4.
Billfold. W. A. Pence and L. S. Spielmann. 141,836; July 10.
Billfold. A. O. Schoenbeck. 140,486; Feb. 27.
Billfold. L. Seamon. 140,103; Jan. 23.
Billfold. L. Seamon. 143,040–1; Nov. 27.
Billfold. M. Smallman. 141,316; May 22.
Billfold and change purse, Combined flexible. R. Gerth. 142,150; Aug. 14.
Billfold, change purse and keyholder, Combined. S. J. Smallman. 141,414; May 29.
Billfold or similar article. D. J. Nash. 141,934–6; July 31.
Billfold or similar article. L. Seamon. 141,434; May 29.
Bin, Grain. V. C. Norquist and W. B. Larkin. 141,498; June 5.
Binocular. D. N. Bugel. 140,437; Feb. 27.
Binocular. G. Kende. 140,730; Apr. 3.
Binoculars. P. H. Case and S. Johanson. 140,375; Feb. 20.
Birdhouse unit. D. B. Hyde. 140,175; Jan. 30.
Bird shelter and feeding station, Combined. D. B. Hyde. 142,561; Oct. 16.
Blackboard-desk, Convertible. C. E. Meyerhoefer. 141,290; May 22.
Blade or similar article, Whipper. F. K. Storm. 143,247; Dec. 18.
Blade, Propeller. A. C. Kather. 141,209; May 15.
Blanket, Dog. A. Ardmore. 142,815; Nov. 13.
Blind for bridles. J. D. Padgitt. 140,879; Apr. 17.
Blind head-bar center support, Venetian. J. Nisenson. 140,291; Feb. 6.
Block for use in applying tire chains. P. C. Lyons. 142,220; Aug. 21.
Block, Offset valve vulcanizing. H. S. Aaronson. 140,494; Mar. 6.
Block, Sandpapering hand. S. Doniger. 141,159; May 8.
Block unit for flexible panels. G. Soussloff. 140,258; Feb. 6.
Blotter, Roller. L. Cotton. 141,954; Aug. 7.
Blouse. A. M. Katz. 140,267; Feb. 6.
Blouse. J. and J. Nachman. 141,576; June 12.
Blouse, Tunic. J. Walker. 140,221; Jan. 30.
Board and periodical support, Combined game. J. G. Rolley. 142,123; Aug. 14.
Board, Bowling game. R. F. Boening. 142,770; Nov. 6.
Board, Cribbage. J. W. England, Jr. 141,206; May 15.
Board, Cribbage. C. R. Reaves. 142,791; Nov. 6.
Board, Display. E. B. Huber. 141,305; May 22.
Board, Drafting. V. J. Kritske. 141,526; June 12.
Board, Game. S. G. O'Leary. 142,112; Aug. 14.
Board, Game. H. Overend. 141,639; June 19.
Board, Game. H. C. Perrin. 142,194; Aug. 14.
Board, Game. C. W. Redpath. 142,790; Nov. 6.
Board, Game. J. G. Rolley 142,122; Aug. 14.
Board or similar article, Game. J. C. Pratt. 142,440; Sept. 25.
Boat. W. H. Miller. 142,889; Nov. 13.
Bobbin or similar article, Yarn. G. Fowler. 140,474; Feb. 27.
Body for slide fasteners, Slider. M. C. Alveson. 140,583; Mar. 27.
Body for swing spout faucet, Valve. D. E. Davidson 140,318; Feb. 13.
Body, Locomotive J. Markestein. 142,098–104; Aug. 14.
Bomb, Aeronautical. R. H. Arbib. 142,293; Aug. 28.
Bomb releasing shackle. D. I. Sloan. 140,218–19; Jan. 30.
Bomb-sight toy, Projectile-dropping. G. W. Isgrig. 141,207; May 15.
Bond and policy folder, or the like. J. Moses. 139,888; Jan. 2.
Bookend. W. E. Lind. 140,796; Apr. 10.
Book end. D. J. Smith. 142,745; Oct. 30.
Book end and holder for a magazine or similar article, Combined. H. Poschin. 141,150; May 8.
Book end and picture frame, Combined. J. F. McGonigal. 140,181; Jan. 30.
Bookmark and greeting card, Combined. J. V. Scott. 142,500; Oct. 2.
Book or article of similar nature. W. Rogow. 142,669–70; Oct. 23.
Boot, Infant's. B. L. Veach. 142,157; Aug. 14.
Boring machine. O. E. Schurr. 140,986; Apr. 24.
Bottle. F. E. Ansell. 140,791; Apr. 10.
Bottle. G. M. Clevenger. 142,615–16; Oct. 23.
Bottle. J. D'Amato. 140,841; Apr. 10.
Bottle. P. A. Derham. 142,630; Oct. 23.
Bottle. F. Frederics. 143,296; Dec. 25.
Bottle. H. Genske. 142,778; Nov. 6.
Bottle. C. K. Gordon. 140,842; Apr. 10.
Bottle. G. S. Gruber. 141,171; May 8.
Bottle. R. P. Kunett. 141,023; Apr. 24.
Bottle. F. C. Nahser. 140,394; Feb. 20.
Bottle. J. H. Newport, Jr. 142,654; Oct. 23.
Bottle. L. Pollack. 140,935; Apr. 17.
Bottle. P. Rand. 140,350; Feb. 13.
Bottle. J. Serra. 140,741; Apr. 3.
Bottle. J. Serra. 140,755; Apr. 3.
Bottle. H. Worth and M. D. Goldsmith. 143,057; Nov. 27.
Bottle and can opener, Folding combination. V. C. Porter. 143,241; Dec. 18.
Bottle and container, Combined. M. Leduc. 142,276; Aug. 21.
Bottle and cover, Combined perfume. J. Silston. 141,987; Aug. 7.
Bottle, Beverage. E. R. Stackpole. 142,746; Oct. 30.
Bottle capper head. R. Sonnenberg. 140,233; Feb. 6.
Bottle holder and warmer combined. E. J. Cain. 142,947; Nov. 20.
Bottle, Milk. Bo Adlerbert. 141,569; June 12.
Bottle, Nursing. R. D. Morse. 140,467; Feb. 27.
Bottle opener and cutter or similar article, Combined. J. G. Moore. 143,233; Dec. 18.
Bottle or similar article. A. A. Flaster. 140,746; Apr. 3.
Bottle or similar article. M. S. Ireys. 140,210; Jan. 30.
Bottle or similar article. G. J. Riha. 139,892; Jan. 2.
Bottle or similar article. J. S. Steelman. 143,044; Nov. 27.
Bottle or similar article, Perfume. J. D. Buckingham. 141,775; July 3.
Bottle, Perfume. H. Gilbert. 142,999; Nov. 27.
Bottle, Stock. P. B. Robinson. 140,937; Apr. 17.
Bowl. E. Lowdermilk. 143,086; Dec. 4.
Bowl, Electric light. A. J. D. Ohm. 142,579–83; Oct. 16.
Bowl or similar article. W. L. Orme. 141,034; May 1.
Bowling ball carrier or the like. H. H. Podjus. 141,742; July 3.
Box. R. H. Clark. 140,559; Mar. 13.
Box. E. Coleman. 142,179–81; Aug. 14.
Box. E. A. Lefebre. 140,866; Apr. 10.
Box and ash tray holder, Combined cigarette. A. M. Wolfson. 140,704; Mar. 27.
Box, Card display. R. J. Gelinas. 141,760; July 3.
Box, Cigarette. R. Newman. 140,290; Feb. 6.
Box, Display. J. P. Sawyer. 140,985; Apr. 24.
Box, Display. J. P. Sawyer. 141,077; May 1.
Box for a spool of fishing line or the like, Combined shipping and display. J. T. Crandall. 140,903; Apr. 17.
Box for children's jewelry. M. M. Forman. 142,996; Nov. 27.
Box for holding an electric shaver or similar article, Display. L. N. Keene. 141,766; July 3.
Box for stationery, Display. I. Wansker. 141,245; May 15.
Box, Knife. A. M. Mazzarelli. 142,574; Oct. 16.
Box or article of similar nature, Cigarette. C. L. Fordyce. 142,182; Aug. 14.
Box or similar article. B. Lamotte. 142,095; Aug. 14.
Box or similar article. W. O. Lawson. 140,632; Mar. 20.
Box or similar article. A. Lieberfield. 140,736; Apr. 3.
Box, or similar article, Cigarette. M. L. Goldbert. 140,748; Apr. 3.
Box or similar article, Cigarette. S. E. Toussaint. 141,727; June 26.
Box or similar article, Display. M. Walhimer. 142,504; Oct. 2.
Box or similar article, Ornamental. E. Norman. 141,848; July 10.
Box, or similar article, Powder. J. D. Buckingham. 140,388; Feb. 20.
Box or similar receptacle, Cigarette. E. Burtis. 143,267; Dec. 25.
Box or the like, Plastic. E. Norman. 141,266; May 15.
Box, Shoe shine. J. T. Pearson, Jr. 143,092; Dec. 4.
Box, Vanity. L. P. Root. 140,674; Mar. 27.
Bracelet. H. S. Benbow. 142,939–41; Nov. 20.
Bracelet. W. Halpern. 140,230; Feb. 6.
Bracelet. W. Halpern. 140,712; Apr. 3.
Bracelet. A. Katz. 140,948; Apr. 24.
Bracelet. A. Katz. 141,122; May 8.
Bracelet. G. J. Lederer. 142,314; Aug. 28.
Bracelet. G. J. Lederer. 142,956–8; Nov. 20.
Bracelet. G. J. Lederer. 143,147; Dec. 11.
Bracelet. G. J. Lederer. 143,328; Dec. 25.
Bracelet. A. Philippe. 140,780; Apr. 10.
Bracelet. S. Ray-Dupuis. 141,652–4; June 19.
Bracelet and watch, Combined. H. Graeter. 142,713; Oct. 30.
Bracelet or similar article. S. Fischer. 140,282; Feb. 6.
Bracelet or similar article. H. M. Hartley. 142,414; Sept. 25.
Bracelet or similar article. W. W. Hobé. 140,930–1; Apr. 17.
Bracelet or similar article. W. W. Hobé. 140,939; Apr. 24.
Bracelet or similar article. W. W. Hobé. 141,342; May 22.

Bracelet or similar article. W. W. Hobé. 141,366; May 29.
Bracelet or similar article. W. W. Hobé. 141,369; May 29.
Bracelet or similar article. W. W. Hobé. 141,442–6; June 5.
Bracelet or similar article. W. W. Hobé. 143,317; Dec. 25.
Bracelet or similar article. A. Katz. 142,564–5; Oct. 16.
Bracelet or similar article. D. H. Millard. 142,887; Nov. 13.
Bracelet or similar article, Flexible band for. V. Guglielmi. 143,001; Nov. 27.
Bracelet or similar article, Flexible band for a. V. Guglielmi. 142,859; Nov. 13.
Bracelet or similar article, Link chain for. M. Rossein. 142,908; Nov. 13.
Bracelet, Watch. W. A. Zorichak. 142,684; Oct. 23.
Bracket and memorandum pad, Combined. J. C. Meeks. 141,242; May 15.
Bracket, Combined window shade and curtain. N. W. White. 142,538; Oct. 9.
Bracket, Curtain. N. W. White. 142,539–40; Oct. 9.
Bracket, Curtain-drapery. M. H. Pavese. 140,446; Feb. 27.
Bracket for supporting wires. C. Peckerman. 141,427; May 29.
Bracket, Handle cover. F. F. Pfefferkorn. 143,238; Dec. 18.
Bracket, Sign supporting. V. Werkmeister. 142,604; Oct. 16.
Bracket, Telephone jack. L. B. Haigh and F. A. Stearn. 143,308–9; Dec. 25.
Bracket, Wall. R. E. Haynes. 140,392; Feb. 20.
Bracket, Wall. J. C. Meeks. 139,885; Jan. 2.
Brassière. R. O. Ferguson. 141,777; July 3.
Brassière. E. N. Graham. 141,575; June 12.
Brassière. J. J. Lo Cascio. 143,331; Dec. 25.
Brassière or similar article. H. G. Paul. 140,484; Feb. 27.
Brassière or similar garment. R. J. Redares. 143,165; Dec. 11.
Breathing apparatus. J. B Littlefield, J. H. Schneider, and W. P. Yant. 143,084–5; Dec. 4.
Breathing apparatus. J. H. Schneider. 143,097; Dec. 4.
Bridge compact. S. P. Harmon. 141,238; May 15.
Bridge for an ophthalmic mounting. W. C. Eaton. 142,316; Aug. 28.
Brim holder for spiral stitching of hats, Flat. I. Klainbard. 140,383; Feb. 20.
Broiler, Electric. C. E. Waltman. 141,477; June 5.
Broiler heating unit, Electric. M. A. Feinstein. 140,442; Feb. 27.
Brooch, compact, lipstick, and comb, Combined. R. L. Fisk. 142,473; Oct. 2.
Brooch or similar article. J. Arpels. 140,725; Apr. 3.
Brooch or similar article. G. Bachner. 141,435; June 5.
Brooch or similar article. N. Barbieri. 140,007–10; Jan. 16.
Brooch or similar article. N. Barbieri. 140,888–91; Apr. 17.
Brooch or similar article. N. Barbieri. 142,816–26; Nov. 13.
Brooch or similar article. B. Brook. 140,637; Mar. 20.
Brooch or similar article. S. Fischer. 140,067; Jan. 16.
Brooch or similar article. C. A. Furst. 142,553–6; Oct. 16.
Brooch or similar article. A. M. Johnson. 142,077–86; Aug. 14.
Brooch or similar article. A. Katz. 141,457; June 5.
Brooch or similar article. A. Katz. 141,467–70; June 5.
Brooch or similar article. A. Katz. 141,637; June 19.
Brooch or similar article. A. Katz. 141,687; June 26.
Brooch or similar article. A. Katz. 141,961; Aug. 7.
Brooch or similar article. A. Katz. 142,183–90; Aug. 14.
Brooch or similar article. A. Katz. 142,201; Aug. 14.
Brooch or similar article. A. Katz. 142,214; Aug. 21.
Brooch or similar article. A. Katz. 142,420–3; Sept. 25.
Brooch or similar article. A. Katz. 142,483; Oct. 2.
Brooch or similar article. A. Katz. 142,567–70; Oct. 16.
Brooch or similar article. A. Katz. 142,645–6; Oct. 23.
Brooch or similar article. A. Katz. 143,211–22; Dec. 18.
Brooch or similar article. P. Kaufman. 142,647; Oct. 23.
Brooch or similar article. A. Philippe. 142,584–5; Oct. 16.
Brooch or similar article. A. Philippe. 142,658–63; Oct. 23.
Brooch or similar article. A. Philippe. 142,905; Nov. 13.
Brooch or similar article. O. F. Placco. 141,382–4; May 29.
Brooch or similar article. F. Powell. 142,278; Aug. 21.
Brooch or similar article. H. Strauss. 140,045; Jan. 16.
Brooch or similar article. J. A. Thunder. 141,178; May 8.
Brooch or similar article. G. Verrecchio. 142,921; Nov. 13.
Brooch or similar article of jewelry. M. Tanzi. 141,129–30; May 8.
Brooch or similar article of jewelry. M. Tanzi. 142,045; Aug. 14.
Brooch or similar article, Separable. A. Katz. 141,180; May 8.
Brooch or similar article, Separable. A. Katz. 141,345–8; May 22.
Brooch or similar article, Separable. A. Katz. 143,223–4; Dec. 18.
Brooch or the like. L. De Marco. 140,012–13; Jan. 16.
Brooch or the like. E. Kuhn. 139,944; Jan. 2.
Brooch, Separable. A. Katz. 140,014; Jan. 16.
Brooch, Separable. A. Katz. 140,326; Feb. 13.
Brooch, Separable. A. Katz. 140,602; Mar. 20.
Brooch, Separable. A. Katz. 141,073; May 1.
Brooch, Separable. A. Katz. 141,116; May 8.
Brooch, Separable. A. Katz. 141,118; May 8.
Brooch, Separable. A. Katz. 141,120–1; May 8.
Broom frame, Road. W. H. Lewis. 143,083; Dec. 4.
Brush, Finger nail lacquer polishing. J. Freeman. 142,138; Aug. 14.
Brush, Fountain stencil. M. W. Magann. 140,549; Mar. 6.
Brush or similar article, Suction cleaner. K. H. Wittke. 141,807; July 3.
Brush or similar article, Suction cleaner dusting. K. H. Wittke. 141,802; July 3.
Brush or the like, Fountain. W. C. Marsh. 141,833; July 10.
Brush, Tooth. R. D. Strieby. 142,917; Nov. 13.
Bubble device. C. H. Hagopian. 139,940; Jan. 2.
Bubble pipe or the like, Child's. J. E. Gilchrist. 140,708; Apr. 3.
Bucket, Grab. B. J. Bodness. 140,594; Mar. 20.
Building, Towered L. W. W. Tackett. 141,568; June 12.
Bulb and clamp, Combined reflector. R. Wagner. 140,581; Mar. 13.
Bulb, Sealed beam lamp. S. I. Slater. 140,700; Mar. 27.
Bulldozer. H. W. Rockwell. 143,353; Dec. 25.
Burner, Oil. H. Weyenberg and C. Quist. 140,620; Mar. 20.
Butter measuring gauge. E. A. Davis. 140,049; Jan. 16.
Button. M. F. and M. E. Lannon. 142,217; Aug. 21.
Button or similar article. W. Drell. 140,158–69; Jan. 30.
Button or similar article. W. Drell. 141,139–43; May 8.
Button or the like, Lapel. K. Gross. 140,563; Mar. 13.
C-clamp. A. M. Sasgen. 143,096; Dec. 4.
Cab body or the like. R. L. Allen. 140,373; Feb. 20.
Cab, Tractor. C. Zeiler. 142,671; Oct. 30.
Cabinet and cigarette container, Combined radio. H. Marienthal. 143,334; Dec. 25.
Cabinet and table, Combination. H. H. Twente 140,702; Mar. 27.
Cabinet, Base. J. Stanitz. 141,128; May 8.
Cabinet, Carbonator. P. H. Thompson. 143,172; Dec. 11.
Cabinet, Card display. R. J. Gelinas. 141,761; July 3.
Cabinet, Combination radio and phonograph. A. H. Girard. 142,637; Oct. 23.
Cabinet, Combination radio-phonograph. C. E. Grube. 142,139; Aug. 14.
Cabinet, Combined chopping block and cutlery. H. O. Browne and W. J. Klassen. 140,595; Mar. 20.
Cabinet, Combined dispensing and article display. A. E. Aldridge. 143,259; Dec. 25.
Cabinet, Combined radio and phonograph. A. D. Lambach. 140,379; Feb. 20.
Cabinet, Cooking stove. J. H. Benson. 140,048; Jan. 16.
Cabinet corner filler, Base. J. Stanitz. 141,017; Apr. 24.
Cabinet, Dictating machine. L. Z. La Forest and R. M. Somers. 140,913; Apr. 17.
Cabinet, Display. M. M. Drogin. 143,192–3; Dec. 18.
Cabinet, Display. J. E. Gauvreau. 141,237; May 15.
Cabinet, Display. D. T. Waddell. 142,049; Aug. 14.
Cabinet, Electro-therapeutic. P. Meminger. 141,012; Apr. 24.
Cabinet, End. J. Stanitz. 141,016; Apr. 24.
Cabinet for amusement device. C. E. Larson. 140,567; Mar. 13.
Cabinet for toys, Storage. J. H. Coller. 140,652; Mar. 27.
Cabinet, Frozen food. W. S. Connell. 143,140; Dec. 11.
Cabinet, Game. A. C. Haggstrom. 139,949; Jan. 9.
Cabinet, Game. N. A. Nelson. 143,236; Dec. 18.
Cabinet, Kitchen. H. W. Miller. 142,242–3; Aug. 21.
Cabinet, Kitchen. J. Stanitz. 141,014–15; Apr. 24.
Cabinet, Merchandise display. F. M. Ingersoll. 142,865; Nov. 13.
Cabinet, Merchandise display. J. Romadka. 141,385; May 29.
Cabinet, Music. H. Batlin. 142,768; Nov. 6.
Cabinet or similar article, Display. W. Raskin. 140,351; Feb. 13.
Cabinet or similar article, High frequency heat generator. V. Elconin. 141,257; May 15.
Cabinet or similar article, Refrigerator. T. R. Smith. 142,446; Sept. 25.
Cabinet or similar article, Towel. J. Rousso. 141,228; May 15.
Cabinet or similar article, Vending. S. Pinanski. 141,097; May 8.
Cabinet or the like, Cooler. S. J. Lonergan. 143,148; Dec. 11.
Cabinet or the like, Radio. T. Mehrer. 141,147; May 8.
Cabinet, Printing telegraph. W. J. Zenner. 140,135; Jan. 23.
Cabinet pull. E. M. Borchers. 140,759–60; Apr. 10.
Cabinet, Radio. C. A. Peterson. 142,155; Aug. 14.
Cabinet, Radio receiver C. E. Grube. 142,140–2; Aug. 14.
Cabinet, Radio receiver. H. Terrell. 141,708; June 26.
Cabinet, Radio receiver. H. Terrell. 141,792; July 3.
Cabinet, Radio receiver. H. Terrell. 141,999; Aug. 7.
Cabinet, Radio receiver. H. Terrell. 142,156; Aug. 14.

Cabinet, Radio receiver. H. Terrell. 142,207; Aug. 14.
Cabinet, Refrigerated candy. A. Schupp. 140,537; Mar. 6.
Cabinet, Refrigerated display and storage. A. Schupp. 140,535–6; Mar. 6.
Cabinet, Refrigerated display and storage. A. Schupp. 140,538–42; Mar. 6.
Cabinet, Refrigerator. J. H. Benson. 140,047; Jan. 16.
Cabinet, Refrigerator. E. Keller. 142,715; Oct. 30.
Cabinet, Sink. C. S. Motter. 140,056–8; Jan. 16.
Cabinet, Suggestion. LeR. G. Mills. 141,890; July 31.
Cabinet, Undersink. J. Stanitz. 141,125; May 8.
Cabinet, Wall. C. S. Motter. 140,216; Jan. 30.
Cabinet, Wall. J. Stanitz. 141,126–7; May 8.
Cabinet, Wall. J. Stanitz. 143,043; Nov. 27.
Cable support for bulldozers or the like, Overhead. G. E. Miller and R. N. Bennett. 140,466; Feb. 27.
Cable take-up, Quick-way. J. C. Jaques. 141,922; July 31.
Cake. L. Pache. 141,714; June 26.
Calculator. E. S. Guttmann. 141,710; June 26.
Calculator. J. M. Hobbs. 143,146; Dec. 11.
Calculator. A. H. Mueller. 142,226; Aug. 21.
Calendar base or similar article. C. Vermann. 140,921; Apr. 17.
Calendar, Deportment. D. P. Stanton. 142,265; Aug. 21.
Calendar, letter opener, and ruler, Combined. R. V. Henderson. 141,490; June 5.
Calendar, Perpetual. T. J. Ignall. 140,313; Feb. 13.
Calendar, Perpetual. M. J. Lewis. 142,431; Sept. 25.
Calendar, Perpetual. A. G. McNeill and L. N. Olsen. 141,924; July 31.
Calendar, Perpetual. S. H. Stupakoff. 141,969; Aug. 7.
Calendar unit, Desk. T. W. Norris. 141,267–8; May 15.
Caliper, Micrometer. F. C. Beekley. 143,114; Dec. 11.
Caliper or similar article. S. G. Smith. 141,865; July 10.
Camera. M. R. Hutchison, Jr. 140,909; Apr. 17.
Camera. G. L. Israel. 141,846; July 10.
Camera. W. D. Teague. 140,456; Feb. 27.
Camera housing. G. B. Pollock. 140,367; Feb. 20.
Camera housing, Surgical. G. B. Pollock. 140,368; Feb. 20.
Camera or the like, Photographic. J. Bolsey. 141,419; May 29.
Camera support. N. J. Creedon. 140,011; Jan. 16.
Can. C. F. Wargel and W. L. Brown. 141,415; May 29.
Can opener. S. A. McKittrick. 141,053; May 1.
Candleholder or article of similar nature, Glass. C. L. Fordyce. 141,721; June 26.
Candlestick. N. L. Wade. 140,938; Apr. 17.
Canister, Air purifying. W. P. Yant and K. B. Ray. 143,102; Dec. 4.
Canopy or similar article, Cockpit. E. O. Weining. 142,974; Nov. 20.
Cap, Bottle. D. R. Branen. 142,983; Nov. 27.
Cap. M. A. Dannenberg. 141,255–6; May 15.
Cap. M. A. Dannenberg. 142,162; Aug. 14.
Cap. P. M. Maxwell and W. J. Russy. 140,040; Jan. 16.
Cap and measuring cup, Combined bottle. A. Wolff. 141,944; July 31.
Cap, Closure. W. B. Johnson. 141,764; July 3.
Cap, Container. P. A. Derham. 141,003; Apr. 24.
Cap, Container. P. A. Derham. 141,861; July 10.
Cap, Container. P. A. Derham. 142,376; Sept. 25.
Cap, Container. P. A. Derham. 142,547; Oct. 16.
Cap, Container. P. A. Derham. 142,619–29; Oct. 23.
Cap, Container. P. A. Derham. 142,844; Nov. 13.
Cap, Container. P. A. Derham. 142,990–1; Nov. 27.
Cap for a fluorescent lighting fixture, End. D. J. Biller. 140,387; Feb. 20.
Cap for a two-compartment container, Closure. W. D. Elsas, P. Lowengardt, and A. Scheftel. 143,289; Dec. 25.
Cap form. E. Perrault. 141,651; June 19.
Cap or similar article, Hub. G. A. Lyon. 141,288; May 22.
Cap remover and cork screw, Combination bottle. M. A. C. Johnson. 141,817; July 10.
Cap remover, Bottle. R. Block. 141,352; May 29.
Car body, Observation. J. E. Goodykoontz. 140,209; Jan. 30.
Car body, Railway. G. A. Jergenson. 143,322–3; Dec. 25.
Car, Railway. G. A. Jergenson. 143,324; Dec. 25.
Card, Playing. M. C. Meyer. 142,436; Sept. 25.
Card, Playing. D. R. Reed. 141,510; June 5.
Cards. Deck of playing. A. Poggi, D. Jordon, and A. Chuka. 143,240; Dec. 18.
Cards, Set of playing. L. Staub, G. Rittoff, and H. M. Gresen. 140,305; Feb. 6.
Carriage or similar article, Doll. W. T. MacCallum. 140,510; Mar. 6.
Carrier, Aircraft. C. Hannevig. 140,505; Mar. 6.
Carrier, Baby. C. A. De Pirro. 143,281–4; Dec. 25.
Carrier, Bottle. M. W. Bowersox. 140,114; Jan. 23.
Carrier, Bottle. H. U. Dernehl. 142,272; Aug. 21.
Carrier, Bottle. F. E. Green. 140,476; Feb. 27.
Carrier, Bottle. A. M. Jacobson. 142,783; Nov. 6.
Carrier, Bottle. J. J. Keuttel and J. M. Lawler. 140,340; Feb. 13.
Carrier for an electric switch, Contact. E. J. Baumgardner. 141,099; May 8.
Carrier for hearing-aid or battery. M. Corre. 140,653; Mar. 27.
Carrier, Golf club. T. Cross. 142,513; Oct. 9.
Cart and rocker, Combination child's. A. J. Cronk. 142,512; Oct. 9.
Cart, Milk can. O. W. Leonard. 143,329; Dec. 25.
Carton for edibles. L. Benoit. 141,793–4; July 3.
Carton for paper toilet seat covers. W. W. Dunnell. 140,560; Mar. 13.
Cartridge belt link. G. F. and R. French, and S. Warburton. 139,878–9; Jan. 2.
Case and shade indicator, Combined lipstick. A. Basescu. 141,199; May 15.
Case, Bottle. H. L. Livesay. 141,398; May 29.
Case, Cigar box display. R. B. Wemyss. 140,242; Feb. 6.
Case, Cigar counter display. R. B. Wemyss. 141,911; July 31.
Case, Cigar humidor display. R. B. Wemyss. 141,912; July 31.
Case, Cigarette. J. M. Beveridge and C. J. Cowan. 140,106; Jan. 23.
Case, Cigarette. J. M. Beveridge and C. J. Cowan. 142,511; Oct. 9.
Case, Cigarette. C. M. Pritzker. 140,447; Feb. 27.
Case, Cigarette. M. B. Siegel. 139,896; Jan. 2.
Case, Combined cigarette and igniter. H. E. Musselman and W. H. Buck. 140,571; Mar. 13.
Case, Combined cigarette and match. J. B. Nethercutt. 141,149; May 8.
Case, Display. P. O. Pedersen. 141,966; Aug. 7.
Case, Display. H. K. Tourneau. 142,750; Oct. 30.
Case for coin changing mechanism. H. Dunn. 141,032; May 1.
Case for gyro verticals, Indicating rotor. R. Haskins, Jr. and C. E. Barkalow. 139,881; Jan. 2.
Case for spectacles. M. Ripin. 141,037; May 1.
Case for wrist watches and the like, Display. W. Holbein. 139,882; Jan. 2.
Case, Hand luggage. G. G. Barton. 143,179; Dec. 18.
Case, Handkerchief. J. E. Vivaudou. 143,251; Dec. 18.
Case, Instrument. R. Holley. 143,319; Dec. 25.
Case, Jewelry. E. E. Koch. 140,097; Jan. 23.
Case, Lipstick. F. Frederics. 141,278; May 15.
Case, Lipstick. A. Olevin. 140,715; Apr. 3.
Case, Merchandise display. H. P. Glass. 142,027–9; Aug. 14.
Case, Merchandise display. H. P. Glass. 142,256; Aug. 21.
Case or similar article, Cigarette. M. Danziger. 140,926; Apr. 17.
Case or similar article, Cigarette. S. Dawer. 142,705; Oct. 30.
Case or similar article, Cigarette. H. Morris. 142,108; Aug. 14.
Case or similar article, Cigarette. M. B. Toklas. 142,449–51; Sept. 25.
Case or similar article, Lighter. J. H. Horsley. 140,349; Feb. 13.
Case or similar article, Lighter. J. S. Sherman. 141,183; May 8.
Case or similar article, Vanity. F. A. Finder. 141,364; May 29.
Case or similar article, Vanity. F. Spitalny. 140,522; Mar. 6.
Case or the like, Combined cigarette and ashtray. A. Brunschwig. 142,271; Aug. 21.
Case, Refrigerated display. R. E. Davis. 142,773; Nov. 6.
Case, Sachet. J. E. Vivaudou. 143,254; Dec. 18.
Case, Self-service display. C. F. Hoffman. 142,073; Aug. 14.
Case, Spectacle. L. Benner. 141,463–5; June 5.
Case, Spectacle. C. R. Jerry. 140,142; Jan. 30.
Case, Thermometer. H. Weksler. 140,091; Jan. 23.
Case, Thermometer. H. Weksler. 141,746; July 3.
Case, Vanity. P. Muller-Munk. 143,157; Dec. 11.
Case, Vanity. R. T. Plate. 141,984; Aug. 7.
Case, Vanity. W. D. Teague. 143,171; Dec. 11.
Case with transparent display windows, Cigarette. M. G. Gordon. 142,334; Aug. 28.
Case, Writing. E. E. Koch. 140,098; Jan. 23.
Casing, Bread toaster. J. Pavelka. 142,146; Aug. 14.
Casing, Fan. W. J. Campbell. 142,252; Aug. 21.
Casing for a calculating device. A. M. Swasey. 142,044; Aug. 14.
Casing for a calculating machine. N. S. Leichter and H. L. Clary. 141,214; May 15.
Casing for a calculating machine or the like. N. S. Leichter. 141,213; May 15.
Casing for a corn popping apparatus. C. J. Cretors. 141,107; May 8.
Casing for a picture projector or the like, Cover. O. R. Nemeth. 140,429; Feb. 27.
Casing for telephone units. W. J. Muldoon. 140,289; Feb. 6.
Casing, Oil burner. G. W. Walker. 140,236; Feb. 6.
Casing or similar article for plumbing fixtures. J. S. Judell. 140,693; Mar. 27.
Casing or similar article, Switch. H. G. Leupold. 140,570; Mar. 13.
Casing or similar article, Vacuum cleaner. G. W. Walker. 141,894; July 31.
Casing, Slide viewer. R. A. Hartley. 142,478; Oct. 2.
Casing, Vacuum cleaner. F. K. Storm, Jr. 142,535; Oct. 9.

Casing, Vacuum cleaner. G. W. Walker. 142,599–600; Oct. 16.
Casing, Vacuum cleaner. G. W. Walker. 142,972–3; Nov. 20.
Casket handle lug. G. C. Pahlow. 140,965; Apr. 24.
Caster. T. F. Young. 140,887; Apr. 17.
Casting machine. R. J. Lindsey. 143,009; Nov. 27.
Centering head. W. F. Boyce. 141,088; May 8.
Chain for a bracelet or similar article, Link. J. Braunstein. 141,170; May 8.
Chain for a bracelet or similar article, Link. G. E. Lederman. 140,552–3; Mar. 13.
Chain, Pintle. C. K. Johnson. 141,712–13; June 26.
Chair. D. A. and W. T. Anderson. 140,206; Jan 30.
Chair. C. J. Bannister. 141,647–8; June 19.
Chair. C. J. Bannister. 141,671; June 26.
Chair. S. Belz. 141,774; July 3.
Chair. L. Edelson. 141,550–1; June 12.
Chair. W. J. Forster. 140,502; Mar. 6.
Chair. E. H. Hunter. 143,005; Nov. 27.
Chair. A. E. Jones. 142,239; Aug. 21
Chair. J. Risom. 141,839; July 10.
Chair. M. S. Salmon and G. Dietz, Jr. 140,485; Feb. 27.
Chair. A. Taylor. 140,524; Mar. 6.
Chair and telephone stand, Combination. J. J. Schmedinghoff. 141,512; June 5.
Chair, Beach. D. H. Walker, Jr. 141,231; May 15.
Chair or analogous article, Adjustable office. J. R. Jones. 140,478; Feb. 27.
Chair or analogous article, Adjustable swivel. J. R. Jones. 140,464; Feb. 27.
Chair or similar article. B. Jufe. 140,751; Apr. 3.
Chair or similar article. B. R. Weill. 142,458; Sept. 25.
Chair or similar article. B. R. Weill. 142,681-2; Oct. 23.
Chair or similar article. B. R. Weill. 142,758; Oct. 30.
Chair or similar article. B. R. Weill. 142,801–2; Nov. 6.
Chair or similar article, Folding. J. B. Platt. 140,672; Mar. 27.
Chair or similar article, Infant's. L. C. Peltier. 141,076; May 1.
Chair or similar article, Miniature. E. Handler and H. R. Matson. 140,905; Apr. 17.
Chair, Rocking. F. McK. Kirkpatrick. 142,094; Aug. 14.
Chair, Rocking. W. C. Wright. 141,295; May 22.
Chair seat-back unit. R. C. Watson. 142,800; Nov. 6.
Chalk marker. M. Ingwer. 140,953; Apr. 24.
Chandelier. G. Kauders. 142,871; Nov. 13.
Charger, Gun. C. J. Schuler. 142,246; Aug. 21.
Charm or similar article. T. L. Carpenter. 140,648; Mar. 27.
Charm or similar article. H. Davis. 141,897; July 31.
Charm or the like. M. Jones. 139,941–2; Jan. 2.
Check gauge, Double and adjustable. E. Q. Gilbert and L. F. Wahl. 140,597; Mar. 20.
Chest of drawers or similar article. E. B. Miller. 141,374; May 29.
Child's toy. A. K. Carver. 141,102–3; May 8.
Chime actuator. J. R. Corbett. 140,439; Feb. 27.
Chime and clock, Combined. N. Abramson. 141,479; June 5.
Chopper, Food. D. Papkin. 142,789; Nov. 6.
Chuck, Fluid pressure operated. E. A. F. Redmer. 142,120; Aug. 14.
Chuck or similar article. F. C. Perry. 141,243; May 15.
Chute, Coin. A. C. Haggstrom. 140,711; Apr. 3.
Cigar box counter display. R. B. Wemyss. 140,248; Feb. 6.
Cigarette case. M. B. Siegel. 142,276; Oct. 23.
Cigarette case and compact, Combination. L. Katz. 142,870; Nov. 13.
Cigarette case or similar article. H. Bogoff. 141,079; May 1.
Cigarette extinguisher and ash-tray, Combined liquid. W. Mazen and L. L. Nagle. 140,401; Feb. 20.
Cigarette rest and extinguisher. J. T. Murphy. 143,021; Nov. 27.
Cigarette roller. E. R. Herzog. 142,559; Oct. 16.
Cigarette rolling machine. C. S. Combs. 141,751; July 3.
Clamp. I. Knobel. 141,962; Aug. 7.
Clamp, Sucker rod. J. L. Haddock and S. Dixon. 142,558; Oct. 16.
Clasp, Earring. G. E. Carson. 142,373; Sept. 25.
Clasp, Tie. H. De Ambrogio. 141,678; June 26.
Claw, Milking machine. G. A. Anderson. 142,766; Nov. 6.
Cleaner and polisher, Combined electric. G. J. Soderberg. 140,386; Feb. 20.
Cleaner, Comb. P. D. Humphries. 140,728; Apr. 3.
Cleaner or similar article, Vacuum. L. H. Snyder. 142,329; Aug. 28.
Cleaner or the like, Dust mop. G. Bellstaedt. 141,087; May 8.
Cleaner, Vacuum. O. W. Timm. 142,198; Aug. 14.
Cleaner, Vacuum. G. W. Walker. 142,453; Sept. 25.
Clip and watch, Combination money. J. L. Younghusband. 142,357; Sept. 11.
Clip, Clothes. F. Coogler. 141,735; July 3.
Clip for fastening insulating materials to walls and ceilings. O. C. Eckel. 140,190; Jan. 30.
Clip for wearing apparel or similar article. J. F. Pivcevich. 141,949; Aug. 7.
Clip or similar article. J. Arpels. 142,010; Aug. 14.
Clip or similar article. A. M. Johnson. 142,087–8; Aug. 14.
Clip or similar article. A. Katz. 142,191–2; Aug. 14.
Clip or similar article. A. Katz. 142,200; Aug. 14.
Clip or similar article. A. Katz. 142,642–4; Oct. 23.
Clip or similar article. A. Philippe. 140,843–4; Apr. 10.
Clip or similar article. A. Philippe. 140,855–6; Apr. 10.
Clip or similar article. A. Philippe. 140,897–8; Apr. 17.
Clip or similar article. A. Philippe. 141,907; July 31.
Clip or similar article. A. Phillippe. 142,586–7; Oct. 16.
Clip or similar article. A. Phillippe. 142,664–6; Oct. 23.
Clip or similar article, Bill. H. L. Lambert and W. Cole. 142,571; Oct. 16
Clip or similar article, Hair. G. Goldman. 142,476; Oct. 2.
Clip or the like, Fastening. V. Pereira. 141,502; June 5.
Clip, Pin. A. Katz. 140,143; Jan. 30.
Clip, Switch and fuse securing. D. Conlan. 140,861–2; Apr. 10.
Clock. H. A. Frost, Jr. 142,552; Oct. 16.
Clock. R. M. Heintz. 140,816; Apr. 10.
Clock and door chime, Combined. N. Abramson. 143,106; Dec. 11.
Clock and radio, Combination. H. Lewy. 141,189; May 8.
Closure and dispensing device, Bottle. J. C. Windbiel. 140,804; Apr. 10.
Closure, Dispensing. D. H. Segerlund. 140,872; Apr. 10.
Closure for paste containers, Dispensing. T. J. D. Russell. 141,595; June 12.
Closure for salt cellars and the like, Dispensing. A. Hammerstein. 142,410; Sept. 25.
Cloth-plate for a sewing machine. N. Knaus. 142,426; Sept. 25.
Clothespin. A. M. Andrews. 142,813; Nov. 13.
Clothespin. V. Balmer. 140,634; Mar. 20.
Clothespin. A. M. Jacobson. 140,443; Feb. 27.
Clothespin. A. M. Jacobson. 140,729; Apr. 3.
Clothespin. E. T. Lane. 140,479; Feb. 27.
Clothespin. F. F. Oen. 141,638; June 19.
Clothespin. W. L. Scharf. 142,499; Oct. 2.
Clothespin. E. J. Selldin. 141,412; May 29.
Clothespin. W. K. Vining. 142,249; Aug. 21.
Clothespin. E. C. Yeager. 142,683; Oct. 23.
Coaster and ash tray, Combined. G. V. Post. 143,352; Dec. 25.
Coaster and tray, Combined. W. D. Krass. 139,954; Jan. 9.
Coat. S. Beck. 140,112; Jan. 23.
Coat. D. Bellsey. 142,936–8; Nov. 20.
Coat. S. Dumler. 141,921; July 31.
Coat. S. Dumler. 141,928; July 31.
Coat. S. Dumler. 142,515; Oct. 9.
Coat. N. Finkelstein. 141,021; Apr. 24.
Coat. M. Frascino. 141,755–6; July 3.
Coat. M. Frascino. 142,025; Aug. 14.
Coat. P. Graber. 141,830; July 10.
Coat. A. Gruber. 140,036; Jan. 16.
Coat. A. Gruber. 140,191; Jan. 30.
Coat. A. Gruber. 141,404–8; May 29.
Coat. A. Gruber. 141,489; June 5.
Coat. A. Gruber. 141,661–4; June 19.
Coat. A. Gruber. 141,930–1; July 31.
Coat. A. Gruber. 142,070; Aug. 14.
Coat. A. Gruber. 142,638; Oct. 23.
Coat. N. A. Rauch. 141,026; Apr. 24.
Coat. S. Zimmerman. 141,417–18; May 29.
Coat. S. Zimmerman. 141,937; July 31.
Coat, Childs. E. Fischer. 140,686; Mar. 27.
Coat dress or similar article. L. Raab. 141,504; June 5.
Coat, House. M. F. Hauck. 139,910–11; Jan. 2.
Coat or similar article. S. Karp. 143,209–10; Dec. 18.
Coffee maker. D. Chapman. 140,157; Jan. 30.
Coffee maker. J. Kaiser, Jr. 140,444; Feb. 27.
Coffee urn or similar article, Automatic. D. F. Swanson. 141,943; July 31.
Collar, Detachable. H. Inverne. 139,997; Jan. 9.
Colter, Rolling. P. Stoner. 141,451; June 5.
Comb. J. Brunetti. 141,040; May 1.
Comb. J. Brunetti. 141,665–6; June 19.
Comb. T. Friedman. 142,167; Aug. 14.
Comb. W. Harvey. 140,928–9; Apr. 17.
Comb. R. Hendrix. 141,115; May 8.
Comb. L. Marder. 140,277; Feb. 6.
Comb. E. A. Westerlund. 141,460; June 5.
Comb and holder, Combined pocket. C. E. Ulrich. 141,920; July 31.
Comb, Hair. D. A. Alder. 142,930; Nov. 20.
Comb or similar article, Ornamental. C. Wandt. 140,413; Feb. 20.
Comb or the like. J. C. Foster. 142,711; Oct. 30.
Compact. J. M. Beveridge. 142,315; Aug. 28.
Compact. P. Blume. 141,601; June 19.
Compact. A. R. Botham. 142,340–1; Aug. 28.
Compact. J. Casalino. 143,058; Dec. 4.
Compact. W. B. Crane. 140,440; Feb. 27.
Compact. P. A. Derham. 140,189; Jan. 30.
Compact. P. Harper. 143,311; Dec. 25.
Compact. V. C. Le Sage. 140,877; Apr. 17.
Compact. L. Nelson. 143,158–9; Dec. 11.
Compact. J. H. Newport, Jr. 142,578; Oct. 16.
Compact. D. A. Witt. 141,860; July 10.
Compact or similar article. H. Bogoff. 140,495; Mar. 6.
Compact or similar article. Z. Zemby. 143,380; Dec. 25.
Compact or the like. J. H. Newport, Jr. 141,055; May 1.
Compact or the like. R. Shatkin. 142,674; Oct. 23.

Compact, Powder. W. E. Gerbing. 140,115; Jan. 23.
Compass, Beam. J. S. Mahler. 142,573; Oct. 16.
Compass, Magnetic. L. Wolfe. 140,578; Mar. 13.
Compotier or article of similar nature. C. L. Fordyce. 141,587; June 12.
Computer. C. A. Olson. 143,160; Dec. 11.
Condenser, Dustproof multisection. M. V. Weiss. 141,478; June 5.
Condiment server. H. W. Krupp. 141,276; May 15.
Connector, Solderless electrical. C. A. Martin. 141,409; May 29.
Container and dispenser, Combination cigarette. J. C. Eubank. 140,561; Mar .13.
Container bottom. W. F. Wise and L. A. Fannon. 140,415; Feb. 20.
Container cap. A. H. Jung. 140,176; Jan. 30.
Container for bottles and other articles. J. E. Wilson. 140,404; Feb. 20.
Container for bottles and other articles. W. F. Wise. 140,414; Feb. 20.
Container for bottles and other articles. W. F. Wise and L. A. Fannon. 140,403; Feb. 20.
Container for bottles, Insulated. P. Schlumbohm. 142,795; Nov. 6.
Container for cooking utensils, food or the like. R. L. Holland and W. F. Nessen. 142,415; Sept. 25.
Container for holding medical ingredients and implements. H. F. Christner, F. A. Lobley, and C. F. Miles. 140,925; Apr. 17.
Container for poker chips. T. K. Almroth. 142,609; Oct. 23.
Container for water treating material. C. H. Morrow. 142,577; Oct. 16.
Container, Lipstick. P. Spiegel. 142,679; Oct. 23.
Container or the like, Lipstick. L. Renaud. 142,228; Aug. 21.
Container, Portable clothes. A. C. Botsford and C. J. Chasse. 142,058; Aug. 14.
Containers and bottles, Combined display. R. B. Karoff. 141,240; May 15.
Containers for cosmetics. M. Walhimer. 141,728; June 26.
Control and instrument panel for, Battery chargers or similar articles. M. L. Pugh. 143,026; Nov. 27.
Control fitting, Pipe-line. L. S. Hamer. 142,362; Sept. 11.
Control plate, Fitting carrying pipe line. L. S. Hamer. 142,408–9; Sept. 25.
Control unit, Hoist. H. W. Rockwell. 143,029; Nov. 27.
Converter for suction cleaners. G. W. Walker and K. A. Hopkins. 142,537; Oct. 9.
Cooker, Electric. C. M. Sharpe. 140,802; Apr. 10.
Cooker or similar article, Pressure. W. J. Stedman. 141,388; May 29.
Cooker or the like, Pressure. W. A. Kendall. 141,818–20; July 10.
Cooker, Pressure. S. W. Farber. 143,291–2; Dec. 25.
Cooker, Pressure. N. W. Keller. 142,716; Oct. 30.
Cookers, Relief valve for pressure. N. W. Keller. 142,717; Oct. 30.
Cooking vessel. W. A. Burnette. 140,497; Mar. 6.
Corner element for hardboard box. H. C. Dee. 140,286; Feb. 6.
Corner piece for containers. I. M. Ikelheimer. 141,940; July 31.
Costumer. O. Mankki. 141,722; June 26.
Costumer. F. T. Paden. 141,786; July 3.
Costumer and shelf unit or similar device, Combination of. B. E. Levin. 142,096; Aug. 14.
Cot or similar article, Collapsible. T. Schanzer. 140,297; Feb. 6.
Counter. R. J. Sharp. 140,544; Mar. 6.
Counter, Display. C. J. Christopher. 140.249; Feb. 6.
Coupling and clamping device, Combination pipe. W. S. Campbell. 142,834; Nov. 13.
Coupling for a drawn vehicle, Gooseneck. W. E. Martin. 142,881–4; Nov. 13.
Coupling for holding paint brushes, Jar. T. O. Fredell. 142,849; Nov. 13.
Coupling, Pipe. E. W. Baxter. 142,057; Aug. 14.
Cover, Bible book. F. Tatar. 141,970; Aug. 7.
Cover for voice recording machines, Dust. C. C. Walker. 141,646; June 19.
Cover or similar article, Luggage. M. L. Diskin. 141,828; July 10.
Cover or similar article, Meat mold. F. H. Hoy. 140,093–4; Jan. 23.
Cover or similar article, Milk can. V. W. Ferris. 142,701; Oct. 30.
Cover, Radiator. R. Golding. 140,070; Jan. 16.
Cover, Watch case. L. Saks. 142,230; Aug. 21.
Cover, Wheel. E. L. Wood. 139,874; Jan. 2.
Cracker. R. Forte. 141,977; Aug. 7.
Cradle. J. S. Woron. 141,294; May 22.
Crane, Tractor carried. C. C. Baldwin. 142,134; Aug. 14.
Crane, Truck. H. A. and G. H. Wagner. 140,592; Mar. 13.
Crane, Vehicle-mounted. G. V. Johnson. 140,662; Mar. 27.
Crane with load arm accessory, Vehicle mounted. R. C. Shoemaker. 140,858; Apr. 10.
Creamer. L. E. Bauer. 141,201; May 15.
Crib and cabinet, Combination. A. E. Vandeventer. 142,266; Aug. 21.
Cribbage board. V. J. McGonigle and W. I. Thomas. 141,449; June 5.
Crucible or similar article. J. J. Ripich. 142,792; Nov. 6.
Crutch. T. B. Brickson. 140,188; Jan. 30.
Crutch grip. F. Fink. 142,549; Oct. 16.
Cultivator, Garden H. Pearce. 142,174; Aug. 14.
Cup or article of similar nature, Glass. C. L. Fordyce. 141,516; June 5.
Curler, Hair. H. Bonat. 141,039; May 1.
Curler, Hair. W. H. Maxwell. 141,052; May 1.
Curler or the like, Hair. M. E. Lindsay. 143,330; Dec. 25.
Curling device or similar article, Hair. M. Petitta. 143,163; Dec. 11.
Curtain or the like. C. A. Hanington. 140,907; Apr. 17.
Curtain, Window. M. Druck. 139,864; Jan. 2.
Cushion or similar article, Tractor seat. C. Young. 141,592; June 12.
Cushion, Pin. W. B. Hork. 141,173; May 8.
Cutter, Fly. L. A. Smith. 140,452; Feb. 27.
Cutter for bottles, or similar article, Seal. W. C. Lanyon. 142,202; Aug. 14.
Cutter, Potato. J. S. Garner. 142,026; Aug. 14.
Cutter, Vegetable. F. W. Eames. 142,472; Oct. 2.
Cutting machine. W. A. Phillis. 143,094; Dec. 4.
Dagger or the like. W. E. Fairbairn, F. R. Graninger, and E. G. Millison. 141,363; May 29.
Dart game chart. A. W. Rehberger. 141,864; July 10.
Decanter or article of similar nature, Glass. C. L. Fordyce. 140,853; Apr. 10.
Deck of playing cards. M. M. Smith. 141,317; May 22.
Decoration, Illuminable Christmas. J. C. Van Ess, Jr. 140,633; Mar. 20.
Deflector, Air. R. M. Clayton. 142,835; Nov. 13.
Dental laboratory bench and cabinet, Combined. E. D. Beebe. 142,688–9; Oct. 30.
Deodorizer. W. E. Anderson. 142,009; Aug. 14.
Desk. G. C. Brainard and R. Loewy. 142,613; Oct. 23.
Desk. G. C. Brainard and R. Loewy. 142,699; Oct. 30.
Desk. G. C. Brainard and R. Loewy. 143,265–6; Dec. 25.
Desk. R. E. Brandenburger. 141,353–6; May 29.
Desk. E. B. Carlson and C. G. Morgan. 141,359; May 29.
Desk. I. R. Cornish. 142,470; Oct. 2.
Desk. E. H. Daniels. 141,284; May 22.
Desk. F. P. Fletcher. 140,501; Mar. 6.
Desk. R. B. Lindgren and C. H. Ristenpart. 142,097; Aug. 14.
Desk. R. L. Myers. 140,514; Mar. 6.
Desk. R. L. Myers. 142,525–7; Oct. 9.
Desk. C. H. Ristenpart. 142,121; Aug. 14.
Desk and blackboard, Combined. S. H. Geffner. 142,850; Nov. 13.
Desk and seat, Combined. A. K. Weller. 140,281; Feb. 6.
Desk and trunk, Combined field. F. T. Paden. 142,262; Aug. 31.
Desk pad unit or similar article, Memorandum. G. L Beckstrom. 140,308–10; Feb. 13.
Desk unit, Combination. S. P. Akers. 143,109; Dec. 11.
Desk unit, Combination. G. Calabrese. 142,700; Oct. 30.
Device for growing garden plants or the like. H. H. Hathaway. 140,082–3; Jan 23.
Dial or similar article, Clock. H. G. Thompson. 140,234; Feb. 6.
Dial, Radio. L. A. Kuffel. 142,216; Aug. 21.
Dial, Radio. L. A. Kuffel. 142,258–9; Aug. 21.
Diamond or similar article. G. Fine. 141,258–9; May 15.
Diamond or similar article, Brilliant cut. P. Heller. 140,283; Feb. 6.
Dickey. L. Malmstead. 140,400; Feb. 20.
Dickey. S. Mirsky. 141,723; June 26.
Dickey. S. Mirsky. 141,784; July 3.
Die. R. B. Morris. 140,084; Jan. 23.
Die. R. B. Morris. 142,576; Oct. 16.
Die casting machine. A. R. Mills. 143,089; Dec. 4.
Diesel engine. H. Dreyfuss. 141,719–20; June 26.
Dish or article of similar nature, Glass bon-bon. C. L. Fordyce. 141,517; June 5.
Dish or article of similar nature, Glass butter. C. L. Fordyce. 141,681; June 26.
Disk dictating machine. C. W. Dann and L. Z. La Forest. 141,776; July 3.
Disk for nursing units, bottles, and containers, Sealing. C. R. Porthouse and W. B. McIntosh. 141,518; June 5.
Dispenser, Beverage. V. V. Elkins. 141,362; May 29.
Dispenser for cigarettes or like articles. R. E. Myers. 141,410; May 29.
Dispenser for cosmetic creams. R. G. Bau. 140,111; Jan. 23.
Dispenser for salt and pepper or similar article. H. H. Bashore. 140,092; Jan. 23.
Dispenser, Match. F. R. McNine. 142,886; Nov. 13.
Dispenser or the like, Cigarette. E. Erger. 141,020; Apr. 24.
Dispenser or the like, Cigarette. M. B. Toklas. 142,448; Sept. 25.
Dispenser or the like, Cigarette. M. B. Toklas. 142,596–7; Oct. 16.
Dispenser, Tape. H. Preble, Jr. 141,219; May 15.
Dispenser, Tape. H. Preble, Jr. 141,220; May 15.
Dispensing and article display cabinet, Combined. A. E. Aldridge. 141,190–2; May 15.

Dispensing machine. S. B. Burne. 140,808; Apr. 10.
Dispensing unit. A. A. Paley. 140,554; Mar. 13.
Display device. V. K. Campbell. 142,018; Aug. 14.
Display device, Illuminable. F. C. Reinshield. 143,242; Dec. 18.
Display figure. J. L. Foreman. 139,865; Jan. 2.
Display for packaged commodities, Counter. R. B. Wemyss. 142,268; Aug. 21.
Display unit, Cigar cannister. R. B. Wemyss. 140,245–6; Feb. 6.
Distributor, Playing card. V. D. Brittingham. 142,270; Aug. 21.
Doll. G. O. Anderson. 142,509; Oct. 9.
Doll. O. Ball. 142,013–14; Aug. 14.
Doll. M. E. Bowers. 139,862; Jan. 2.
Doll. D. Derderian. 141,679; June 26.
Doll. M. C. E. Eby. 142,709; Oct. 30.
Doll. H. Elliston. 140,376; Feb. 20.
Doll. M. Glassberg. 140,287; Feb. 6.
Doll. I. M. Hewson. 141,072; May 1.
Doll. A. S. Hill. 140,599; Mar. 20.
Doll. F. R. Jenkins. 142,213; Aug. 21.
Doll. A. Karpfen. 140,585; Mar. 13.
Doll. L. R. Lamb. 141,249; May 15.
Doll. P. G. Lattos and M. Kern. 140,178; Jan. 30.
Doll. M. M. Ludeman. 141,548; June 12.
Doll. S. Mach. 140,004; Jan. 9.
Doll. A. E. Marks. 140,914; Apr. 17.
Doll. S. McCrory. 140,915; Apr. 17.
Doll. R. Mitchell. 141,177; May 8.
Doll. J. R. Nesbit. 140,824–5; Apr. 10.
Doll. E. Peruggi. 141,657. June 19.
Doll. L. R. Reinert. 142,907; Nov. 13.
Doll. N. P. Roark. 140,645; Mar. 20.
Doll. K. G. Schnell. 140,588; Mar. 13.
Doll. W. Seidler. 140,956; Apr. 24.
Doll. H. A. Smiley. 140,304; Feb. 6.
Doll. M. Szrajer. 140,969; Apr. 24.
Doll. H. Wilcox. 141,002; Apr. 24.
Doll. N. M. Young. 140,873; Apr. 10.
Doll and container, Combined. C. Rich and B. Saffran. 140,292; Feb. 6.
Doll buggy. M. E. Low. 140,179; Jan. 30.
Doll, Clown. J. F. Lowenstein. 141,797; July 3.
Doll cradle. R. H. Greenwell. 141,009; Apr. 24.
Doll, dressing table, and laundry bag, Combination. N. Kropatkin. 140,378; Feb. 20.
Doll head. J. Durante and E. Hamlin. 141,111; May 8.
Doll, Mechanical. L. Q. MacCallum. 142,172; Aug. 14.
Doll or similar article. M. Fisher. 140,170; Jan. 30.
Doll or similar article. E. C. Ganahl. 140,687; Mar. 27.
Doll or similar article. A. L. Grammer. 140,709; Apr. 3.
Doll or similar article. J. C. Grant and R. M. Huemer. 140,688; Mar. 27.
Doll or similar article. W. Lantz. 140,380; Feb. 20.
Doll or similar article. M. Marossi. 140,180; Jan. 30.
Doll or similar article. M. Marossi. 140,531; Mar. 6.
Doll or similar article. M. Marossi. 141,074–5; May 1.
Doll or similar article. M. Marossi. 141,175; May 8.
Doll or similar article. R. C. and J. D. Russell. 143,169; Dec. 11.
Doll or similar article. M. M. Stevens and E. M. Rice. 142,747–8; Oct. 30.
Doll or the like. G. W. Ainge. 140,874; Apr. 17.
Doll's head. E. Coghlan. 140,080; Jan. 23.
Doll's sulky. H. B. Louer. 141,527; June 12.
Dominoes, Set of. J. Neiser. 142,491; Oct. 2.
Door check and deodorant diffuser, Combined. I. Dobkin. 142,949; Nov. 20.
Door chime casing. N. Abramson. 141,485–6; June 5.
Door stop. J. D. Shanfield. 143,039; Nov. 27.
Drape festoon. P. L. Hartnett. 143,002; Nov. 27.
Drape pullback. P. L. Hartnett. 141,365; May 29.
Drawer pull. E. M. Borchers. 142,942–4; Nov. 20.
Drawer pull and escutcheons, Combined. E. M. Borchers. 140,761–2; Apr. 10.
Drawing instrument. P. F. Aichele. 140,152; Jan. 30.
Drawing instrument. L. A. Matson. 141,882; July 31.
Dress. S. Aber. 141,578–80; June 12.
Dress. S. Aber. 142,807–8; Nov. 13.
Dress. L. Asteroff. 141,853; July 10.
Dress. L. Cohen. 140,793; Apr. 10.
Dress. E. Cutler. 142,839; Nov. 13.
Dress. E. Cutler. 143,062–5; Dec. 4.
Dress. N. Edelman. 141,061; May 1.
Dress. J. Garfinkle. 141,758; July 3.
Dress. J. Glad. 143,068–71; Dec. 4.
Dress. Z. Golden. 140,068–9; Jan. 16.
Dress. Z. Golden. 140,116; Jan. 23.
Dress. Z. Golden. 140,958–63; Apr. 24.
Dress. Z. Golden. 140,976–82; Apr. 24.
Dress. Z. Golden. 141,160; May 8.
Dress. Z. Golden. 142,397–400; Sept. 25.
Dress. Z. Golden. 142,402–3; Sept. 25.
Dress. Z. Golden. 142,779; Nov. 6.
Dress. Z. Golden. 142,854–7; Nov. 13.
Dress. Z. Golden. 143,000; Nov. 27.
Dress. Z. Golden. 143,303–5; Dec. 25.
Dress. D. E. Gottlieb. 140,584; Mar. 13.
Dress. F. Greenburg. 142,405–6; Sept. 25.
Dress. E. Hentz. 142,336–7; Aug. 28.
Dress. A. M. Katz. 142,869; Nov. 13.
Dress. H. T. Langbert. 140,409; Feb. 20.
Dress. G. J. Pollack. 140,616; Mar. 20.
Dress. K. Rost. 140,586; Mar. 13.
Dress. K. Rost. 140,967–8; Apr. 24.
Dress. K. Rost. 141,660; June 19.
Dress. J. Walker. 141,583; June 12.
Dress. J. Walker. 142,454; Sept. 25.
Dress. J. Walker. 142,926; Nov. 13.
Dress. S. Zahn. 140,225–7; Jan. 30.
Dress. S. Zahn. 142,438; Sept. 25.
Dress. S. Zahn. 142,460; Sept. 25.
Dress. S. Zahn. 142,804–5; Nov. 6.
Dress and pantaloons, Combined evening. C. Phillips. 141,837; July 10.
Dress and underskirt, Combined evening. C. Phillips. 141,838; July 10.
Dress, Child's. E. Evans. 139,906; Jan. 2.
Dress ensemble, Wedding. J. Azzaro. 139,994; Jan. 9.
Dress, Sports. I. Rosenberg. 142,671; Oct. 23.
Dresser. D. H. Whitehead. 140,132–3; Jan. 23.
Dresser or similar article. E. B. Miller. 141,376; May 29.
Drier, Baby's bootee. M. G. Fitts. 141,574; June 12.
Drier, Clothes. H. S. Aaronson. 140,187; Jan. 30.
Drill, Hand. F. Collura. 140,811; Apr. 10.
Drill, Hand. A. L. Henkel. 140,406; Feb. 20.
Drilling and tapping machine, Combined. L. L. Leckinger. 140,664; Mar. 27.
Dynamoelectric machine. G. R. Anderson. 141,137; May 8.
Earpiece for hearing aids. E. Hechler. 141,071; May 1.
Earring. A. Katz. 140,021; Jan. 16.
Earring. A. Katz. 140,603; Mar. 20.
Earring. A. Katz. 140,609; Mar. 20.
Earring. A. Katz. 142,566; Oct. 16.
Earring. A. Katz. 143,225; Dec. 18.
Earring. F. Morrow. 142,290; Aug. 21.
Earring. F. Morrow. 142,736; Oct. 30.
Earring. F. Morrow. 142,890–2; Nov. 13.
Earring. F. Morrow. 142,963; Nov. 20.
Earring. F. Morrow. 143,235; Dec. 18.
Earring. F. Morrow. 143,338–9; Dec. 25.
Earring. A. Philippe. 140,797–800; Apr. 10.
Earring. A. Philippe. 141,056; May 1.
Earring. A. Phillippe. 142,655–7; Oct. 23.
Earring. H. Pommier. 140,827; Apr. 10.
Earring. R. Russo. 141,387; May 29.
Earring or similar article. S. Fischer. 140,562; Mar. 13.
Earring or similar article. W. W. Hobé. 141,301; May 22.
Earring or similar article. H. J. Jung. 142,144; Aug. 14.
Earring or similar article. A. Katz. 142,193; Aug. 14.
Earring or similar article. A. Katz. 142,419; Sept. 25.
Earring or similar article. M. Tanzi. 140,722; Apr. 3.
Edging, Embroidered. G. Zellweger. 142,541; Oct. 9.
Eductor, Liquid. P. Berman. 140,706; Apr. 3.
Electric motor-driven rotary actuator unit. W. P. Lear. 140,204; Jan. 30.
Electrical condenser, Variable. R. T. Nutter and F. R. Lord. 140,108; Jan. 23.
Electrical outlet. W. Huppert. 141,397; May 29.
Electroplating device. G. F. Cavanagh. 141,254; May 15.
Elevation adjusting device for picture projectors or the like. O. R. Nemeth. 140,615; Mar. 20.
Emblem or the like, Applique. H. Klein. 140,641; Mar. 20.
Engine, Diesel. J. Thysse. 141,244; May 15.
Engine starter. R. M. Heintz. 143,316; Dec. 25.
Engine testing equipment. W. H. Yenni and V. L. Gunder. 140,411; Feb. 20.
Engine unit, Internal combustion. S. Z. Siwek and H. Goldberg. 140,803; Apr. 10.
Envelope, Air-mail. V. Bock. 141,674; June 26.
Envelope blank. V. Bock. 141,731–2; July 3.
Envelope, Mailing. M. Cohen. 141,586; June 12.
Eraser and brush with holder therefor, Combined. E. C. Williams. 141,531; June 12.
Eraser and holder therefor. E. C. Williams. 141,530; June 12.
Escutcheon for sink fittings. H. Dreyfuss. 143,288; Dec. 25.
Exerciser, Foot. W. Sandow. 140,145; Jan. 30.
Extinguisher, Fire. S. Boal. 140,743; Apr. 3.
Extractor, Fruit juice. W. P. Koch. 140,819; Apr. 10.
Extractor, Fruit juice. W. E. Maxson, Jr. 141,241; May 15.
Extractor, Juice. K. B. Lucas and J. M. Majewski, Jr. 140,625; Mar. 20.
Extractor, Juice. J. M. Majewski, Jr., and H. J. Talge. 141,782; July 3.
Extractor, Juice. H. J. Talge. 140,396; Feb. 20.
Eyeshade. R. and C. H. Webber. 140,833–4; Apr. 10.
Eye shield front. W. C. Moeller. 142,221; Aug. 21.
Eyeshield or similar article. C. A. Baratelli. 141,193–8; May 15.
Eyeshield or similar article. D. P. Cooper, Jr. 141,204–5; May 15.
Eyeshield or similar article. H. F. Shindel. 141,704; June 26.
Eyeshield or similar article. E. M. Splaine. 141,028–9; Apr. 24.
Fabric. A. Y. Park. 139,964–93; Jan. 9.
Fabric. A. Y. Park. 140,022–25; Jan. 16.
Fabric. A. Y. Park. 140,042–43; Jan. 16.

Fabric. A. Y. Park. 140,101–2; Jan. 23.
Fabric. A. Y. Park. 140,195; Jan. 30.
Fabric. A. Y. Park. 140,482–3; Feb. 27.
Fabric. A. Y. Park. 140,774–7; Apr. 10.
Fabric. A. Y. Park. 140,880–1; Apr. 17.
Fabric. A. Y. Park. 141,327–30; May 22.
Fabric. A. Y. Park. 141,432; May 29.
Fabric. A. Y. Park. 143,343–7; Dec. 25.
Fabric. R. Solomon. 143,244; Dec. 18.
Fabric or similar article, Textile. E. R. Duhan. 141,248; May 15.
Fabric or similar article, Textile. A. Samstag. 143,243; Dec. 18.
Fabric or the like, Articulated. V. Berkowitz. 140,593; Mar. 20.
Fabric or the like, Plaited-embossed artificial leather. J. Frischer. 140,475; Feb. 27.
Fabric, Textile. L. L. Frank. 140,050–2; Jan. 16.
Fabric, Textile. L. L. Frank. 140,639; Mar. 20.
Fabric, Textile. D. B. Fuller. 142,997; Nov. 27.
Fabric, Textile. J. Gluck. 142,853; Nov. 13.
Fabric, Textile. S. J. Oppenheim. 140,481; Feb. 27.
Fabric, Textile. S. J. Oppenheim. 141,499–500; June 5.
Fabric, Textile. P. A. Vogelman. 140,782–6; Apr. 10.
Fabric, Textile. P. A. Vogelman. 140,788–90; Apr. 10.
Fabric, Textile. D. Walton. 139,963; Jan. 9.
Facepiece for gas masks or respirators. W. H. Lehmberg. 142,203; Aug. 14.
Facing for awning boxes, bulkheads, or similar articles. M. Ketchum, Jr. 141,051; May 1.
Fan or similar article. L. B. Logsdon. 141,589; June 12.
Fan propeller. B. Lee. 142,959–60; Nov. 20.
Fastener, Clothesline. E. H. Anderson. 140,381; Feb. 20.
Fastener top stop, Slide. J. Brozek. 141,873; July 31.
Faucet. B. N. Trombley. 141,715–17; June 26.
Faucet and soap dish, Combined. C. G. Blank. 141,718; June 26.
Faucet, Lock lever. P. Wagner. 143,175; Dec. 11.
Faucet spray and escutcheon plate, Combined. B. N. Trombley. 141,842; July 10.
Feeder, Hog. G. L. Running and E. V. La Salle. 142,793; Nov. 6.
Fence panel, Concrete. W. Ashenfelter. 143,110–12; Dec. 11.
Figure, Display. W. L. Stensgaard. 142,233; Aug. 21.
Figurine. F. Hopkins. 140,865; Apr. 10.
Figurine or similar article. C. Champness. 142,003; Aug. 7.
Figurine or similar article. F. Kenney. 141,046; May 1.
Figurine or similar article. F. Powell. 142,349; Aug. 28.
Figurine or similar article. F. Powell. 142,966; Nov. 20.
Filing machine. D. J. Williams and E. J. Tomek. 141,416; May 29.
Film gate, Motion picture. O. R. Nemeth. 140,428; Feb. 27.
Film magazine for a photographic camera or the like. J. Bolsey. 141,431; May 29.
Film shoe for motion picture apparatus or the like. O. R. Nemeth. 141,148; May 8.
Filter, Faucet. G. V. Gavaza. 139,909; Jan. 2.
Filter for a welding generator, Air. R. J. Breckheimer. 140,636; Mar. 20.
Filter for beverage brewers. E. J. Ruhnke. 141,313; May 22.
Filter for welding machines. R. J. Breckheimer. 139,875; Jan. 2.
Fingernail cleaning device. F. Gardner. 141,113; May 8.
Finger support for manicuring operations. J. S. Jones. 140,254; Feb. 6.
Fire extinguisher. E. H. Hansen. 142,954; Nov. 20.
Fire extinguisher. L. Sulzer. 140,063; Jan. 16.
Fish lure. E. Dryden. 141,338; May 22.
Fishing bait. J. May. 140,511–13; Mar. 6.
Fishing reel frame. S. G. Hirsch. 141,815; July 10.
Fixture, Electric light. E. Erger. 142,632–4; Oct. 23.
Fixture, Fluorescent lighting. G. J. Creed. 140,299; Feb. 6.
Fixture, Fluorescent lighting. J. C. Sabatini. 142,126; Aug. 14.
Fixture, Light. W. Lescaze. 140,568–9; Mar. 13.
Fixture, Lighting. F. E. Gleason. 140,504; Mar. 6.
Fixture, Lighting. E. B. Hallman. 141,172; May 8.
Fixture, Surface mounted fluorescent lamp. P. J. Lepore. 140,303; Feb. 6.
Flag or similar article. E. Searles. 140,543; Mar. 6.
Flashlight. D. Chapman. 140,335; Feb. 13.
Flashlight. J. Frank. 140,300–1; Feb. 6.
Flashlight. J. G. Lippincott. 142,277; Aug. 21.
Flashlight. E. L. Schofield. 142,796; Nov. 6.
Flashlight. E. L. Schofield. 143,357–8; Dec. 25.
Flask, Perfume holding. J. Rubel. 140,739; Apr. 3.
Flatiron. D. E. Stewart. 142,355; Sept. 11.
Flexible band for a bracelet or similar article. V. Guglielmi. 142,639–40; Oct. 23.
Float, Fishing. G. M. Marsh. 142,787; Nov. 6.
Floral piece. E. R. French. 141,236; May 15.
Folder for bills, pictures, cards, or the like, Combined. J. Wagner. 142,923; Nov. 13.
Font, Holy water. B. Blecher. 140,471; Feb. 27.
Font of music type. J. C. Lewis. 140,364; Feb. 13.
Food beater. F. F. Latshaw. 140,530; Mar. 6.
Food tray and cup, Combined. A. O. Buxbaum. 142,831; Nov. 13.
Foot rest. R. Smith. 139,897; Jan. 2.
Fork, Cooking. S. W. Farber. 140,274; Feb. 6.
Fork, Ejector. E. Fromm. 141,635; June 19.
Fork, Kitchen. F. K. Storm. 143,045; Nov. 27.
Fork or analogous article. H. E. Nock. 141,308; May 22.
Fork or analogous article. H. E. Nock. 141,693–5; June 26.
Fork or other article of flatware. I. A. Lipman. 142,786; Nov. 6.
Fork or other article of flatware. I. A. Lipman. 142,875–8; Nov. 13.
Fork or other article of flatware. J. R. Price. 140,954–5; Apr. 24.
Fork or other article of flatware. J. R. Price. 142,204–6; Aug. 14.
Fork or other article of flatware. J. R. Price. 142,967; Nov. 20.
Fork, Serving. F. K. Storm. 143,046; Nov. 27.
Fork, Utility. J. I. Michaels. 141,948; Aug. 7.
Form device, Tax. J. W. Honeycutt. 142,238; Aug. 21.
Frame, Altar card supporting. G. A. Gallik. 142,300; Aug. 28.
Frame and compact case, combined picture. R. Randolph. 140,062; Jan. 16.
Frame and flower-tube holder or similar article, Combination picture. J. C. Eubank. 140,322; Feb. 13.
Frame and support, Combination. E. C. Shailor. 141,656; June 19.
Frame and whatnot or similar article, Combined picture. H. S. Johnson. 140,118; Jan. 23.
Frame, Chair. H. G. Knoll. 141,211; May 15.
Frame, Chair. R. Rapson. 141,222; May 15.
Frame, Conveyer. W. S. Campbell. 141,975; Aug. 7.
Frame, Display. J. W. Brown. 142,984–5; Nov. 27.
Frame, Excavating machine. H. Hollmann and W. G. Van Voorhis. 140,591; Mar. 13.
Frame, Eyeglass. L. Jacobson. 140,253; Feb. 6.
Frame, Eyeglass. L. Jacobson. 140,690; Mar. 27.
Frame for a handbag. C. W. Hardy. 142,413; Sept. 25.
Frame for a hand mirror or magnifying glass. T. Friedman. 142,168; Aug. 14.
Frame for a radio cabinet, Recessed speaker grille. L. J. Wronke. 142,158–9; Aug. 14.
Frame for a tricycle. W. I. Smith. 142,592; Oct. 16.
Frame for an invalid wheel chair. J. G. Rideout. 142,743; Oct. 30.
Frame for handbags. M. H. Storch. 140,453; Feb. 27.
Frame for handbags. M. H. Storch. 140,679; Mar. 27.
Frame for mirrors. M. H. Storch. 140,678; Mar. 27.
Frame for spectacles. A. Di Chiara. 142,332; Aug. 28.
Frame, Forty year calendar. P. N. Tinello. 142,047; Aug. 14.
Frame, Goggle. J. Brunetti. 141,844; July 10.
Frame, Handbag. J. L. Friedman. 140,546; Mar. 6.
Frame, Hand mirror. J. Casalino. 140,389; Feb. 20.
Frame, Hand mirror. J. Casalino. 140,902; Apr. 17.
Frame member, Velocipede. W. I. Smith. 140,721; Apr. 3.
Frame, Multiple picture. L. B. Sherr. 142,501–2; Oct. 2.
Frame, Multiple picture. I. B. Sherr. 142,675; Oct. 23.
Frame, Optical. R. Weber. 140,271; Feb. 6.
Frame or similar article, Picture. J. C. Eubank. 140,319–21; Feb. 13.
Frame or similar article, Picture. J. C. Eubank. 142,137; Aug. 14.
Frame or similar article, Picture. M. Gabriel. 141,947; Aug. 7.
Frame or similar article, Picture. R. W. Mandl. 141,640; June 19.
Frame or similar article, Picture. E. G. Michelli. 141,306; May 22.
Frame or similar article, Spectacle. A. Blum. 141,563; June 12.
Frame or the like, Bicycle. C. L. Hussey. 142,522; Oct. 9.
Frame or the like, Chair. J. Risom. 141,703; June 26.
Frame or the like, Picture. G. Evans. 141,862; July 10.
Frame or the like, Picture. E. D. Kissling. 142,719; Oct. 30.
Frame or the like, Picture. E. D. Kissling. 143,007; Nov. 27.
Frame or the like, Reversible picture. E. D. Kissling. 142,720; Oct. 30.
Frame or the like, Spectacle. H. M. Ditto. 140,500; Mar. 6.
Frame, Picture. A. Barrett. 142,056; Aug. 14.
Frame, Picture. W. P. Campbell. 142,019; Aug. 14.
Frame, Picture. S. Colef. 143,187–90; Dec. 18.
Frame, Picture. F. Coleveski. 142,988; Nov. 27.
Frame, Picture. E. D. Kissling. 142,484; Oct. 2.
Frame, Picture. W. McCrory. 142,885; Nov. 13.
Frame, Picture. J. W. McIntyre. 141,605; June 19.
Frame, Picture. M. D. Moglen. 141,650; June 19.
Frame, Scaffold. L. C. Oertle, Sr. 143,341; Dec. 25.
Frame, Picture. J. Tavianini. 141,331; May 22.
Frame, Picture. A. Vallevona. 142,356; Sept. 11.
Frame, Rocker chair. R. Rapson. 141,221; May 15.
Frame, Spectacle. M. Albanese and A. P. Rutherford. 141,462; June 5.
Frame, Spectacle. A. and E. Barrett. 142,463; Oct. 2.
Frame, Spectacle. E. and A. Barrett. 142,464; Oct. 2.
Frame, Spectacle. A. and E. Barrett. 142,827; Nov. 13.

Frame, Spectacle. A. and E. Barrett. 142,934–5; Nov. 20.
Frame, Spectacle. S. E. Bouchard. 140,807; Apr. 10.
Frame, Tandem bicycle. F. W. Schwinn. 140,677; Mar. 27.
Frames for sun glasses or similar article, Pair of. H. Zimmer. 140,835; Apr. 10.
Front piece for eyeglasses. G. S. Ratkai. 140,279; Feb. 6.
Fruit display and container unit, Combined. G. W. Wallace and J. W. Trew. 143,375; Dec. 25.
Funnel combination unit, Straining. R. T. Frost. 142,255; Aug. 21.
Furnace, Hot-air. R. E. Deming. 141,826; July 10.
Game apparatus. P. K. Brenner. 142,294; Aug. 28.
Game board. T. Aitchison. 140,742; Apr. 3.
Game board. E. C. Arehart. 140,075; Jan. 23.
Game board. A. L. Barrett. 141,870; July 31.
Game board. A. L. Barrett. 141,872; July 31.
Game board. A. L. Barrett. 143,261; Dec. 25.
Game board. C. R. Billington. 142,830; Nov. 13.
Game board. W. Brooks. 140,496; Mar. 6.
Game board. H. L. Bundock. 141,733; July 3.
Game board. R. E. Collins. 141,734; July 3.
Game board. A. A. Concepcion. 141,507; June 5.
Game board. R. A. Deschneau. 141,092; May 8.
Game board. F. Erznoznik. 141,754; July 3.
Game board. J. Fleisher. 141,033; May 1.
Game board. F. L. Gamblim. 141,759; July 3.
Game board. R. A. Gould. Serial No. 140,081; Jan. 23.
Game board. D. D. Gruver. 142,212; Aug. 21.
Game board. H. I. Hagloch and L. W. Rose. 142,860; Nov. 13.
Game, Board. C. E. Halbert. 142,318–19; Aug. 28.
Game board. G. A. Hatherall. 140,768; Apr. 10.
Game board. W. Jamieson. 141,880; July 31.
Game board. L. Jasper. 142,345; Aug. 28.
Game board. C. Jenkins. 140,910; Apr. 17.
Game board. C. T. Knobloch. 139,868; Jan. 2.
Game board. S. V. Lervaag. 142,523; Oct. 9.
Game board. D. D. Price. 142,667; Oct. 23.
Game board. R. Ruffin. 140,555; Mar. 13.
Game board. E. Schell. 142,971; Nov. 20.
Game board. C. J. Shimer. 139,872; Jan. 2.
Game board. J. R. Stafford. 142,534; Oct. 9.
Game board. A. Tellier. 140,457; Feb. 27.
Game board. G. G. Widen. 140,885; Apr. 17.
Game board. W. G. Williams. 142,236; Aug. 21.
Game board or the like. A. D. Clem. 142,948; Nov. 20.
Game board, Target. H. C. Hitzeman. 140,357; Feb. 13.
Game counting board. D. N. Smith, Sr. 142,533; Oct. 9.
Game device. W. B. Sewell. 141,883; July 31.
Game device, Putting. L. R. Welsh. 141,390; May 29.
Game device, Target. B. P. Barrett. 141,952; Aug. 7.
Game pieces, Set of. H. Schirokauer. 164,672–3; Oct. 23.
Game table. E. Friedrich. 141,884; July 31.
Game table, Child's. A. Olkon. 141,918; July 31.
Garment, Hospital. F. Cohen. 142,702; Oct. 30.
Garment, Infant's sleeping. C. S. Kaufman. 140,663; Mar. 27.
Gas analyzing apparatus. A. I. Newman. 142,227; Aug. 21.
Gas saver. G. F. Goddeau. 143,302; Dec. 25.
Gate for dispensing liquids. P. Wagner. 143,174; Dec. 11.
Generating unit, Fluid fuel burning steam and hot water. W. Lelgemann. 142,218; Aug. 21.
Girdle and brassière, Combined. M. Kleinitz. 141,993; Aug. 7.
Glass, Magnifying. J. R. Miles. 141,690; June 26.
Glass or similar article, Drinking. J. Pertz. 140,643; Mar. 20.
Glass, Vigil. F. R. Hodges. 142,520; Oct. 9.
Glider. E. W. Schlieben. 140,646; Mar. 20.
Globe and supporting standard, Combined. R. R. Dupler. 142,297–8; Aug. 28.
Glove. A. J. Turner. 140,859; Apr. 10.
Glove. C. E. Zimmerman. 142,806; Nov. 6.
Goblet or article of similar nature, Glass. C. L. Fordyce. 140,391; Feb. 20.
Goblet or similar article. W. L. Orme. 140,826; Apr. 10.
Goggle or the like, Sun. J. C. Foster. 139,907; Jan. 2.
Goggles. C. A. Baratelli, C. W. Cochran, and F. W. Maurer. 140,805; Apr. 10.
Goggles. F. W. Maurer. 142,338; Aug. 28.
Gold club head. L. Myers and E. H. Gartner. 140,085; Jan. 23.
Golf club head. J. J. Jakosky. 140,892–3; Apr. 17.
Golf club head. H. P. G. Newsome. 141,307; May 22.
Golf club head. H. P. G. Newsome. 141,769; July 3.
Golf tee. J. W. Hughes. 142,521; Oct. 9.
Golf tee. K. J. G. Leufvenius. 141,448; June 5.
Governor, Centrifugal. R. Reger. 140,550; Mar. 6.
Grate. A. Hoiland. 143,003; Nov. 27.
Grate and burner bowl, Combined finger. E. L. Baker. 140,792; Apr. 10.
Grate for a gas burner. J. D. Coleman. 142,617; Oct. 23.
Grate, Furnace. R. E. Huffschmidt. 141,372; May 29.
Grater. I. Rosenbloom. 140,433; Feb. 27.
Grill for motor vehicles, Radiator. E. P. Korn. 140,912; Apr. 17.
Grill, griddle, and grate, Combined barbecue. L. C. Hufford and L. R. Gray. 141,370; May 29.
Grill, Portable foldable. U. K. Johannsen. 142,866; Nov. 13.
Grille or the like, Register. S. Curtis. 140,499; Mar. 6.
Grinder. M. S. Fairbanks. 140,659; Mar. 27.
Grinder or similar article, Coffee. G. T. Schmidt. 140,534; Mar. 6.
Grinding machine. D. F. Price, H. E. Balsiger, and M. A. Hollengreen. 140,061; Jan. 16.
Grip for sanitary belt. I. S. De Woskin. 142,163; Aug. 14.
Grip positioner for golf club handles. J. J. Schneider. 140,676; Mar. 27.
Guard for sewing machine operators, Face. J. F. Imberman. 142,864; Nov. 13.
Guard for sewing machines. A. P. Duba. 142,065; Aug. 14.
Guard, Splash. M. L. Strong. 141,269; May 15.
Gun. C. S. Wheatley. 141,078; May 1.
Gun, Multiple spray. J. W. Baur. 140,973; Apr. 24.
Gun or similar article. C. S. Wheatley. 142,269; Aug. 21.
Gun or similar article, Spray. M. M. Warner. 142,601; Oct. 16.
Gun or the like, Blow. J. W. Baur. 140,837; Apr. 10.
Gun or the like, Dusting. J. W. Baur. 141,730; July 3.
Gun or the like, Foundry spray. J. W. Baur. 140,836; Apr. 10.
Gun sight. R. M. Lynn. 142,961; Nov. 20.
Hair dressing appliance. R. L. Barker. 142,933; Nov. 20.
Hair stay and fastening means, Combined. M. Petitta. 141,169; May 8.
Hammer. G. D. Cline, Jr. 142,772; Nov. 6.
Hammer. A. L. Henkel. 140,407; Feb. 20.
Hammer head. O. O. A. Grundstrom. 141,552; June 12.
Hammer head. F. L. MacWithey. 140,821; Apr. 10.
Hammer, Pneumatic. P. E. Hoop, Jr. 142,143; Aug. 14.
Hammer, Sheet metal repair. A. S. Johann. 141,566; June 12.
Hamper, Clothes. J. J. Kohen. 142,274–5; Aug. 21.
Hamper, Clothes. J. J. Kohen. 142,649; Oct. 23.
Hamper, Clothes. J. H. Stone. 141,188; May 8.
Hamper or similar article, Clothes. W. G. Dieter. 140,273; Feb. 6.
Handbag. B. Calem. 140,498; Mar. 6.
Handbag. B. Calem. 141,466; June 5.
Handbag. B. Calem. 142,832; Nov. 13.
Handbag. H. J. Deutz. 140,551; Mar. 13.
Handbag. H. J. Deutz. 141,004; Apr. 24.
Handbag. M. M. Deutz. 142,706; Oct. 30.
Handbag. M. M. Deutz. 143,191; Dec. 18.
Handbag. L. Flaxman. 140,405; Feb. 20.
Handbag. M. Ginsburg. 140,173; Jan. 30.
Handbag. G. J. Glick. 142,852; Nov. 13.
Handbag. F. X. Hiltenbrand. 140,547; Mar. 6.
Handbag. F. X. Hiltenbrand. 141,299–300; May 22.
Handbag. F. X. Hiltenbrand. 141,341; May 22.
Handbag. F. X. Hiltenbrand. 142,519; Oct. 9.
Handbag. F. X. Hiltenbrand. 143,073; Dec. 4.
Handbag. F. X. Hiltenbrand. 143,145; Dec. 11.
Handbag. L. Kaphan. 141,208; May 15.
Handbag. L. Kaphan. 142,482; Oct. 2.
Handbag. L. Kaufman. 143,226–7; Dec. 18.
Handbag. I. Pichel. 142,495; Oct. 2.
Handbag. I. Pichel. 142,588; Oct. 16.
Handbag. F. H. Rath. 140,327; Feb. 13.
Handbag. F. H. Rath. 140,448; Feb. 27.
Handbag. F. H. Rath. 140,717; Apr. 3.
Handbag. F. H. Rath. 140,773; Apr. 10.
Handbag. F. H. Rath. 140,857; Apr. 10.
Handbag. F. H. Rath. 140,870; Apr. 10.
Handbag. F. H. Rath. 141,474; June 5.
Handbag. F. H. Rath. 142,441–2; Sept. 25.
Handbag. E. Rosenberg. 142,124; Aug .14.
Handbag. H. Rubin. 141,986; Aug. 7.
Handbag. L. S. Schlessinger. 140,255; Feb. 6.
Handbag. F. Siegel. 140,328; Feb. 13.
Handbag and cigarette case, Combined. J. L. Friedman. 140,229; Feb. 6.
Handbag and picture holder, Combined. H. Stelzer. 141,283; May 15.
Handbag frame or similar article. R. C. Ewing. 142,993–5; Nov. 27.
Handbag, Lady's. E. H. Bertrand. 140,228; Feb. 6.
Handbag or similar article. L. K. Rotkel. 139,915; Jan. 2.
Handbag unit. I. Pichel. 141, 472; June 5.
Handgrip for washing machine cover or the like. A. P. Schulz. 140,005; Jan. 9.
Handwheel, Valve. N. Shaeffer. 140,256–7; Feb. 6.
Handkerchief. M. S. Levy. 140,358–63; Feb. 13.
Handkerchief or similar article. A. Mogabgab. 141,903–4; July 31.
Handkerchief or similar article. W. S. Mogabgab. 141,905; July 31.
Handle and hood for water valves, Combined control. J. Stanitz. 140,556; Mar. 13.
Handle, Catch. E. M. Borchers. 142,945; Nov. 20.
Handle for brushes. E. Gronemeyer. 140,983; Apr. 24.
Handle for brushes. E. Gronemeyer. 140,995–8; Apr. 24.
Handle for cooking vessels and the like. A. F. Ramsthal. 142,245; Aug. 21.
Handle for pots and pans. R. S. Reynolds. 143,028; Nov. 27.
Handle for saws or like article. W. P. Peterson. 141,906; July 31.

Handle for stove door or similar article. G. Klein. 140,964; Apr. 24.
Handle for stoves or the like. D. E. Stewart. 142,042; Aug. 14.
Handle for suitcases or similar articles. L. G. Stone. 141,852; July 10.
Handle, Gage. R. E. Snyder. 141,707; June 26.
Handle, Kitchen utensil. F. K. Storm. 143,248–50; Dec. 18.
Handle or lift for cooking vessels and the like, Side. A. F. Ramsthal. 142,264; Aug. 21.
Handle or the like, Faucet. H. Dreyfuss. 143,287; Dec. 25.
Handle or the like, Faucet. R. H. Zinkil and H. Dreyfuss. 143,382; Dec. 25.
Handle, Oven door. E. W. North. 143,023; Nov. 27.
Handle, Pot. M. E. Behl. 140,046; Jan. 16.
Handle, Rattle. P. E. Allen. 139,958–9; Jan. 9.
Handle, Rattle. P. E. Allen. 140,988; Apr. 24.
Handle, Razor. H. H. Kempf. 143,326; Dec. 25.
Handle, Safety razor. C. V. Shipley. 142,175; Aug. 14.
Handle, Stove. D. E. Stewart. 141,519–20; June 5.
Handle unit, Control. W. J. Turnbull and J. R. Ward. 140,090; Jan. 23.
Handle, Valve. J. Stanitz. 141,186–7; May 8.
Handle, Valve. J. Stanitz. 143,100; Dec. 4.
Handle, Valve. R. H. Wright. 142,928; Nov. 13.
Hangar, Aeroplane. W. Neff. 139,953; Jan. 9.
Hangar, Airplane. A. E. Bausenbach. 142,828; Nov. 13.
Hangar, or the like, Preformed airplane. J. C. Radcliffe, Jr. 142,195; Aug. 14.
Hangar, Portable airplane. F. A. Learman. 140,100; Jan. 23.
Hanger and jewel container, Combined coat. W. Melford. 143,020; Nov. 27.
Hanger, Clothes. D. R. Anderson. 142,462; Oct. 2.
Hanger, Clothes. G. E. Hill. 140,337; Feb. 13.
Hanger, Clothes. L. Kirsch. 140,053–4; Jan. 16.
Hanger, Clothes. L. Kirsch. 140,731–4; Apr. 3.
Hanger, Clothes. H. Powers. 140,869; Apr. 10.
Hanger, Divided bar clothes. G. E. Hill. 140,338; Feb 13.
Hanger, Garment. E. P. Elston. 142,631; Oct. 23.
Hanger, Garment. P. W. Leifer and P. A. Katz. 140,399; Feb. 20.
Hanger, Garment. I. Salesky. 141,849; July 10.
Hanger, Garment. R. Sklaar. 142,677; Oct. 23.
Hanger, Garment. M. J. Strassburger. 140,680; Mar. 27.
Hanger, Spring-clip. G. Yates. 140,410; Feb. 20.
Hanger, Spring-clip. G. Yates. 143,103; Dec. 4.
Hat. S. Behr. 142,829; Nov. 13.
Hat. S. Lish. 140,934; Apr. 17.
Hat. G. H. Hodge. 140,528; Mar. 6.
Hat. F. Le Bouedec. 140,611–13; Mar. 20.
Hat. J. C. Marks. 142,005–8; Aug. 7.
Hat. S. R. Neville. 141,411; May 29.
Hat. M. A. R. Richards. 140,196; Jan. 30.
Hat banding or the like. B. Beckhoff. 142,369; Sept. 25.
Hat or the like, Lady's. H. Herrmann. 140,398; Feb. 20.
Hatchet. A. L. Henkel. 140,408; Feb. 20.
Hatchet. V. Stoddard. 140,329; Feb. 13.
Head unit for a milking machine. E. B. Thompson and G. A. Estel, Jr. 143,369; Dec. 25.
Headdress. M. Kincses. 141,781; July 3.
Headdress. A. Rainess. 141,800; July 3.
Hearing aid support and spectacles, Combined. R. A. Bachmann. 142,542; Oct. 16.
Heater, Circulating. L. H. Caldwell. 142,061; Aug. 14.
Heater, Combination wood and coal. R. C. Calton. 142,833; Nov. 13.
Heater, Electric. W. R. Tuttle. 142,598; Oct. 16.
Heater for stock tanks and the like, Electric water. B. W. Warner. 142,505; Oct. 2.
Heater or the like. C. A. Lindberg and H. W. Eckles. 142,219; Aug. 21.
Heater, Portable electric. W. E. Maxson, Jr. 141,834; July 10.
Heater, Space. D. M. Trilling and G. H. Rich. 143,372; Dec. 25.
Heater, Stock tank. J. K. Newhall. 140,194; Jan. 30.
Heater, Water. S. L. Smith. 141,184; May 8.
Heel. J. H. Stackhouse. 142,594; Oct. 16.
Heel. H. H. Wydom. 142,606–7; Oct. 16.
Heel and platform for a shoe or similar article, Combined. E. J. Kapteyn. 139,951; Jan. 9.
Heel, Shoe. F. Cleve, Jr. 141,585; June 12.
Heel, Shoe. E. J. Scherini. 142,532; Oct. 9.
Heel, Shoe. J. H. Stackhouse and W. Brown, Jr. 140,372; Feb. 20.
Helicopter. O. F. Maycen. 140,480; Feb. 27.
Helicopter. E. H. Page. 141,378; May 29.
Helmet, Welding. T. M. La Vasseur. 139,883; Jan. 2.
Hinge. E. M. Borchers. 140,764; Apr. 10.
Hinge. E. M. Borchers and C. C. Unzicker. 140,763; Apr. 10.
Hinge. F. Brown. 142,372; Sept. 25.
Hinge, Sofa bed. W. W. Wilson. 140,298; Feb. 6.
Hobbyhorse. B. Horowitz. 140,714; Apr. 3.
Hobby horse. M. Lecomowitz. 141,932; July 31.
Hobbyhorse. G. E. Montague and R. C. Romero. 142,651; Oct. 23.
Hobbyhorse or similar article. R. F. Brown. 140,154; Jan. 30.
Hoe and weeder head, Combined. C. W. Busby. 141,945; Aug. 7.
Hoe head. R. Harte. 140,565; Mar. 13.
Hoist attachment for tractors. L. Wenger. 140,344; Feb. 13.
Hold or similar article, Chalk. M. C. Bromfield. 143,126; Dec. 11.
Holder and applicator, Combination lip rouge. R. Z. Sarff. 142,328; Aug. 28.
Holder and identification device, Combined key. H. L. Moore. 140,669; Mar. 27.
Holder and pendant, Combined perfume sachet. F. Pierce. 140,109; Jan. 23.
Holder and ruler, Combined spool. M. Rosenblatt. 142,530; Oct. 9.
Holder, Book. W. P. Baham. 142,611; Oct. 23.
Holder, Broom. G. Bellataedt. 140,238; Feb. 6.
Holder, Candle. R. A. Ajello. 142,368; Sept. 25.
Holder, Candle. C. D. Beltz. 142,979; Nov. 27.
Holder, Card. J. E. Gillett. 142,151; Aug. 14.
Holder, Card and poker chip. D. J. Smith. 141,644; June 19.
Holder, Cardboard coin. J. L. Sholkin. 139,955; Jan. 9.
Holder, Cigar and cigarette. W. C. Taylor. 142,797; Nov. 6.
Holder, Cigar box display. R. B. Wemyss. 140,243–4; Feb. 6.
Holder, Cigarette. A. Becwar. 142,178; Aug. 14.
Holder, Cigarette. G. E. Carson. 140,839; Apr. 10.
Holder, Cigarette. R. E. Daze. 142,842; Nov. 13.
Holder, Cigarette. H. C. Reichert. 140,449; Feb. 27.
Holder, Coin. H. P. Behrman. 140,900; Apr. 17.
Holder, Collar. C. A. Anderson. 141,430; May 29.
Holder, Collar. I. J. Hopfenberg. 141,763; July 3.
Holder, Combination perfume and lipstick. J. Rubel. 140,450; Feb. 27.
Holder, Combined pipe rack and match. W. H. J. Downey. 142,776; Nov. 6.
Holder, Combined pipe support and match pack. D. J. Smith. 142,678; Oct. 23.
Holder, Combined tumbler and toothbrush. C. D. Klauber. 141,491; June 5.
Holder for cigarettes and matches, Combined. L. M. Provost. 142,906; Nov. 13.
Holder for cosmetic preparations or the like, Multiple. F. Frederics. 141,978; Aug. 7.
Holder, Floral. J. R. Wieber. 140,886; Apr. 17.
Holder, Flower. J. C. Meeks. 141,054; May 1.
Holder for babies, Safety. M. R. Koster. 140,933; Apr 17.
Holder for sharpening, Razor blade. E. Olszewski. 140,516; Mar. 6.
Holder, Knife. G. R. Hove. 141,565; June 12.
Holder, Knife. F. H. Lewis. 140,002; Jan. 9.
Holder, Match box. F. H. Lewis. 141,422; May 29.
Holder, Match box. F. H. Lewis. 142,430; Sept. 25.
Holder, Memorandum pad and pencil. F. H. Lewis. 141,423; May 29.
Holder, Nursery bottle. P. F. Milks. 141,555; June 12.
Holder, Nursery bottle. B. D. Raport. 141,700; June 26.
Holder, Nursing bottle. E. G. Beckemeyer. 141,913; July 31.
Holder of candles, miniature flower pots or similar articles. J. C. Eubank. 139,877; Jan. 2.
Holder or article of similar nature, Candle. C. L. Fordyce. 142,474; Oct. 2.
Holder or article of similar nature, Glass candle. C. L. Fordyce. 140,747; Apr. 3.
Holder or article of similar nature, Glass candle. C. L. Fordyce. 140,974; Apr. 24.
Holder or similar article, Electrode. A. Gilmour. 141,065; May 1.
Holder or similar article, Flower. J. C. Eubank. 141,633–4; June 19.
Holder or similar article, Playing card. R. Miller. 142,962; Nov. 20.
Holder or similar article, Playing card. L. Tacón and Armand L. Cueva. 142,176; Aug. 14.
Holder, or similar article, Toothbrush. W. R. Via. 142,048; Aug. 14.
Holder or the like, Cap for lipstick. E. Norman. 142,965; Nov. 20.
Holder or the like, Flower. L. E. Bauer. 141,200; May 15.
Holder or the like, Lipstick. E. Norman. 143,022; Nov. 27.
Holder, or the like, Memorandum pad. J. Meier. 142,650; Oct. 23.
Holder, pad and ink reservoir unit, Combination stamp. S. R. Hershman. 141,564; June 12.
Holder, Paper roll or similar article. F. Bletzinger, Sr. 142,612; Oct. 23.
Holder, Perfume sachet. F. Pierce. 140,845; Apr. 10.
Holder, Picture. T. Solomon. 140,104; Jan. 23.
Holder, Place card. G. Wortman. 142,757; Oct. 30.
Holder, Poker chip. J. Friend. 140,994; Apr. 24.
Holder, Poker chip and playing card. D. J. Smith. 141,951; Aug. 7.
Holder, Razor blade. C. Dresdner. 142,845; Nov. 13.
Holder, Refuse bag. J. L. Mayer. 142,286; Aug. 21.
Holder, Scratch pad and combination calendar stand. J. S. Fisher. 142,635; Oct. 23.
Holder, Toothbrush. F. E. Hart. 143,314; Dec. 25.
Holder, Towel. F. H. Lewis. 141,424; May 29.

Holder, Transparent photograph. F. Siegel. 141,059; May 1.
Holder, Vegetable. M. H. Wyszynski. 141,461; June 5.
Holder, Welding electrode. J. U. Garibay. 140,630; Mar. 20.
Holder, Welding electrode. E. Siemers. 141,428; May 29.
Holder, Writing pad. L. Cotton. 140,136; Jan. 23.
Holster. S. Dubrin. 140,812–13; Apr. 10.
Holster and knife scabbard, Combined pistol. M. C. Pratt. 142,741; Oct. 30.
Hood. M. Butler. 140,461; Feb. 27.
Hood, Carriage. S. and N. J. Kroll. 142,785; Nov. 6.
Hood for beverage bottles, Closure. D. Ray. 141,223–7; May 15.
Hood for beverage bottles, Closure. D. Ray. 141,261; May 15.
Hood for milk and cream bottles, Closure. D. Ray. 141,475; June 5.
Hood or similar article. D. Rosenstein. 139,914; Jan. 2.
Hook, Extension ladder. E. T. John. 141,553; June 12.
Horse, Rocking. C. G. Carlson. 141,202; May 15.
Horse, Rocking. C. C. Cash. 142,210; Aug. 21.
Horse, Rocking. A. C. De Vorn. 143,285; Dec. 25.
Horse, Rocking. A. E. Jury. 142,346; Aug. 28.
Hose coupling or similar article, Suction cleaner. G. R. Coss. 141,801; July 3.
House. W. Neff. 140,059–60; Jan. 16.
Housing, Flush valve. G. S. Lawson. 142,721; Oct. 30.
Housing for a solenoid operated valve. H. G. Chapman, Jr. 142,771; Nov. 6.
Housing for electrical apparatus. E. O. Gaguski. 142,475; Oct. 2.
Housing for threshing and separating mechanism of a harvester-thresher. C. J. Scranton. 143,098; Dec. 4.
Housing for transformers or the like. W. W. Redsecker. 140,402; Feb. 20.
Housing for wood planing machine. E. Yager. 143,178; Dec. 11.
Housing of a two-cycle gas engine. M. F. Schmidt. 142,279; Aug. 21.
Housing, Rectifier. W. S. Master. 142,487; Oct. 2.
Housing, Tractor. H. Dreyfuss and T. Brown. 142,254; Aug. 21.
Hub, Propeller. G. Annesley. 142,610; Oct. 23.
Hub, Wheel. W. C. Roe. 140,572; Mar. 13.
Humidifier. W. A. Norris. 142,737; Oct. 30.
Hydraulic loader, Front end. C. Williams. 141,271–2; May 15.
Hydraulic selector valve. O. A. Kehle. 139,952; Jan. 9.
Hydrometer or the like. L. Edelmann. 142,380; Sept. 25.
Hydroplane. P. S. Lubienski. 142,034; Aug. 14.
Hydroplane or similar article. R. C. Baustian. 141,506; June 5.
Ice crusher. J. M. Majewski, Jr., and H. J. Talge. 141,783; July 3.
Ice crusher. H. J. Talge. 140,395; Feb. 20.
Ice crusher. H. J. Talge. 140,454–5; Feb. 27.
Icon projector shrine, Miniature. A. G. Dannell. 140,991; Apr. 24.
Incinerator. A. A. Helwig 142,320; Aug. 28.
Indicator for a weighing scale, Over and under. H. Dreyfuss. 139,936–7; Jan. 2.
Indicator for airplane parts, Combined remote control and position. W. P. Lear. 140,508–9; Mar. 6.
Indicator, Magnetic direction. G. M. Giannini. 140,794; Apr. 10.
Indicator or the like, Time. E. W. Adams. 143,107; Dec. 11.
Ink well. M. Haberman. 141,876; July 31.
Inserter, Vaginal diaphragm. O. L. Schmitt. 142,040; Aug. 14.
Insole for a shoe. B. D. Huff. 142,152–3; Aug. 14.
Instrument, Drawing. F. W. Ziegfield. 142,608; Oct. 16.
Instrument or the like, Multiple drafting. P. W. White. 142,051; Aug. 14.
Iron, Electric. A. B. Klonne. 142,648; Oct. 23.
Ironer, Electric. W. A. Spear. 141,318; May 22.
Ironing machine and stand, Combined. A. H. Gerhardt and A. P. Schulz. 143,298; Dec. 25.
Ironing machine, lap board, and stand, Combined. A. H. Gerhardt and A. P. Schulz. 143,299; Dec. 25.
Jack and bracket mounting, Combined. H. W. Rockwell. 143,168; Dec. 11.
Jack, Hydraulic. H. E. Page. 140,517–18; Mar. 6.
Jacket. L. Asteroff. 141,854; July 10.
Jacket. S. Beck. 140,066; Jan. 16.
Jacket. S. Etkin. 139,996; Jan. 9.
Jacket. S. Etkin. 142,364; Sept. 11.
Jacket. N. Finkelstein. 140,137; Jan. 23.
Jacket. N. Finkelstein. 142,951; Nov. 20.
Jacket. N. Finkelstein. 143,194–5; Dec. 18.
Jacket. Z. Golden. 142,858; Nov. 13.
Jacket. Z. Golden. 142,953; Nov. 20.
Jacket. Z. Golden. 143,306–7; Dec. 25.
Jacket. H. Herrmann. 140,477; Feb. 27.
Jacket. J. Walker. 140,138–9; Jan. 23.
Jacket. S. Zahn. 140,222–4; Jan. 30.
Jacket or similar article. E. Bernath. 141,157; May 8.
Jacket or similar article. H. Sices. 141,770; July 3.
Jacket or similar article, Bolero. B. J. Schechter. 140,533; Mar. 6.
Jar and ash tray, Combination shaving soap. S. P. Benjamin, Jr. 140,105; Jan. 23.
Jar, Cereal. A. J. Desimone. 140,655; Mar. 27.
Jar or article of similar nature, Glass condiment. C. L. Fordyce. 141,007; Apr. 24.
Jar or similar article. M. F. Furman. 142,517; Oct. 9.
Jar or similar article. E. N. Graham. 141,762; July 3.
Jar or similar article, Cookie. R. V. Ganz. 141,322; May 22.
Jar or similar article, Lady pig cookie. R. V. Ganz. 140,172; Jan. 30.
Jar or the like, Hydrometer. L. Edelmann. 142,379; Sept. 25.
Jewelry cross. S. Minasian. 140,738; Apr. 3.
Jewelry finding. L. S. Fraser. 140,640; Mar. 20.
Jewelry finding. J. Rubel. 140,587; Mar. 13.
Jewelry finding. C. Schraysshuen. 140,829–32; Apr. 10.
Jig, Drill. F. McCullough. 141,995; Aug. 7.
Joint, Swivel. D. M. Phillips. 140,716; Apr. 3.
Jointer or similar article. R. H. Andresen. 142,811; Nov. 13.
Jug or article of similar nature, Glass. C. L. Fordyce. 140,416; Feb. 27.
Jug or similar article, Water. R. V. Ganz. 140,203; Jan. 30.
Juice extractor. R. Abraham. 140,237; Feb. 6.
Juice extractor. D. Chapman. 140,239; Feb. 6.
Juicer, Citrus-fruit. J. P. Quam. 141,788; July 3.
Jumper, Child's. J. F. Ritter. 141,528; June 12.
Kazoo. J. Thompson. 142,799; Nov. 6.
Kettle. G. H. Brown. 141,749; July 3.
Kettle. J. Gilchrist. 142,712; Oct. 30.
Key chain with front action pencil tip, License holder. M. E. Trollen. 142,330; Aug. 28.
Key for tuning stringed instruments. J. W. Bartlett. 140,558; Mar. 13
Kit or the like, Toilet. R. L. Holland and W. F. Nessen. 141,980; Aug. 7.
Kit, Sewing. G. R. Danielson. 141,572; June 12.
Knife. L. F. Baker. 140,469; Feb. 27.
Knife. S. Doniger. 141,109; May 8.
Knife. F. K. Formis. 143,144; Dec. 11.
Knife. A. Simeone. 141,315; May 22.
Knife. E. G. Waterman. 140,397; Feb. 20.
Knife and bayonet, Combination utility. J. Levering. 143,228; Dec. 18.
Knife and hone holster, Combined. T. W. Smith. 141,706 June 26.
Knife, Butter measuring. A. W. Klingelhofer. 140,818; Apr. 10.
Knife, Combination. R. G. Bastien. 142,978; Nov. 27.
Knife or other article of flatware. P. Katz. 142,090–2; Aug. 14.
Knob for stoves or the like, Gas control. D. E. Stewart. 141,840; July 10.
Knob or similar article, Control. M. Eatham. 142,777; Nov. 6.
Knob, Steering wheel spinner. J. R. Thorp. 141,293; May 22.
Labeling machine or similar article. S. T. Carter. 140,596; Mar. 20.
Lamp fixture, Fluorescent. P. J. Lapore. 142,429; Sept. 25.
Lamp, Electric. A. F. Pieper. 141,473; June 5.
Lamp fixture shield, End section of a fluorescent. B. Schaefer. 143,356; Dec. 25.
Lamp fixture shield, Intermediate section of a fluorescent. B. Schaefer. 143,355. Dec. 25.
Lamp, Floor. M. M. Fischel. 141,421; May 29.
Lamp housing for picture projecting apparatus or the like. O. R. Nemeth. 140,515; Mar. 6.
Lamp or similar article. W. H. Miller. 143,232; Dec. 18.
Lamp shade, Luminous. J. Ross. 140,110; Jan. 23.
Lamp, Ship's. P. Kiplock. 141,063; May 1.
Lamp standard. E. H. Greppin. 142,407; Sept. 25.
Last, Stocking darning. M. Bowerman. 141,916; July 31.
Latch, Night. G. W. Wilder. 141,887; July 31.
Latch or similar article, Night. C. H. Nehls. 141,217; May 15.
Lathe. E. J. Lomazzo. 142,433; Sept. 25.
Lathe or similar article, Wood turning. R. H. Andresen. 142,812; Nov. 13.
Lavatory. W. G. Young. 143,104; Dec. 4.
Lavatory and vanity, Combined. J. Stanitz. 141,619–20; June 19.
Lavatory or cabinet, Combination. F. P. Uphues. 139,902; Jan. 2.
Lay figure. A. L. Westerman. 142,459; Sept. 25.
Leather, Embossed. L. I. Freedman. 141,070; May 1.
Leather, Embossed. L. I. Freedman. 143,141; Dec. 11.
Leather or the like. B. Casso. 140,847–52; Apr. 10.
Leather or the like, Embossed. L. I. Freedman. 139,866; Jan. 2.
Leg for a pedestal base. S. D. Loman. 141,888; July 31.
Lens, Eyeglass. P. Katz. 140,610; Mar. 20.
Lens or similar article. G. M. Cressaty. 140,840; Apr. 10.
Lens or similar article. G. M. Cressaty. 142,375; Sept. 25.
Lens or the like, Reading. G. M. Cressaty. 141,874; July 31.
Lens panel for a lighting fixture. W. M. Adrian. 141,155; May 8.
Lens panel for lighting fixture. W. M. Adrian. 141,822; July 10.

Lens, Signal lamp. F. A. Purcell. 140,753; Apr. 3.
Letter opener. E. K. Madan. 141,084; May 1.
Letter opener and magnifier, Combined. L. L. Kay. 141,210; May 15.
Lid, Casket. C. A. Kuhlman. 140,314; Feb. 13.
Lid, Spatter proof browning. H. G. Archer, Jr. 142,977; Nov. 27.
Lifter, Bottle. H. C. Miller. 139,887; Jan. 2.
Light for automobiles, Signal. D. Smith. 142,503; Oct. 2.
Light transmitting member for a lighting fixture. A. L. Arenberg. 141,895; July 31.
Light, Vehicle signal. E. B. Hallman. 143,310; Dec. 25.
Lighter. W. J. Campbell. 142,701; Oct. 30.
Lighter. A. A. Hellman. 142,301; Aug. 28.
Lighter. W. E. Keene. 143,006; Nov. 27.
Lighter. A. Kolberg and J. Kohn. 140,735; Apr. 3.
Lighter and cigarette case, Combination. W. D. Gladstone. 141,684; June 26.
Lighter, Cigar and cigarette. B. H. Gostkowski. 141,829; July 10.
Lighter, Cigarette. W. J. Hamrick. 141,144; May 8.
Lighter, Cigarette. D. C. Jones. 142,784; Nov. 6.
Lighter, Cigarette. F. Zigmant. 143,381; Dec. 25.
Lighter, Cigarette and cigar. E. Fisher. 143,295; Dec. 25.
Lighter for cigarettes or the like. L. A. Cutrow. 142,840; Nov. 13.
Lighter or similar article. A. Pantzer. 143,342; Dec. 25.
Lighter or similar article. Fluted cigar and cigarette. A. S. Weston. 143,055; Nov. 27.
Lighter or similar article, Table. A. S. Weston. 143,377; Dec. 25.
Lighter or the like, Cigarette. I. Florman. 140,293; Feb. 6.
Lighter or the like, Pocket. H. Negbaur. 141,785; July 3.
Lighter, Pocket. A. J. Bruneau and M. Goldsmith. 142,986; Nov. 27.
Lighter, Pocket. I. M. Glisch, E. J. McEachron, and N. R. Ariesan. 140,975; Apr. 24.
Lighter, Pocket. J. O. McMillan and R. E. Parker. 142,241; Aug. 21.
Lighter, Table. H. J. Sudbrink. 141,891–3; July 31.
Lighters for cigars, cigarettes, and the like. J. N. Robins. 142,443; Sept. 25.
Lighting fixture. J. W. Morrison, 143,336; Dec. 25.
Lighting fixture, Fluorescent. G. J. Creed. 143,061; Dec. 4.
Lighting fixture, Fluorescent. R. G. Maurette. 141,068; May 1.
Lighting fixture, Fluorescent. C. X. Meyer. 142,488; Oct. 2.
Lighting fixture, Fluorescent. C. Nitardy. 140,343; Feb. 13.
Lighting fixture, Fluorescent. F. Polotaye. 143,350; Dec. 25.
Lighting unit or similar article, Automatic emergency. H. S. Bird. 142,769; Nov. 6.
Line-guide for a fishing rod. A. D. Sarkisian. 141,643; June 19.
Linear actuator and control unit for operating movable parts of an airplane or the like, Combined. H. A. Skaglund. 140,521; Mar. 6.
Link, Bracelet. C. Schraysshuen. 142,147; Aug. 14.
Link, Cuff. F. Collura. 140,726; Apr. 3.
Loader attachment, Tractor. J. H. Rogers. 140,280; Feb. 6.
Loader, Front end hydraulic. C. Williams. 141,132–3; May 8.
Loading machine, Material. C. A. Onofrio. 141,556; June 12.
Lock and puller, Combination fuse. D. Conlan. 140,860; Apr. 10.
Lock, Fuse and switch. D. Conlan. 140,864; Apr. 10.
Lock nut. J. R. Allen. 140,317; Feb. 13.
Lock or similar article, Snap. C. H. Matson. 141,264; May 15.
Lock, Switch and fuse. D. Conlan. 140,863; Apr. 10.
Locomotive. G. W. Walker. 141,529; June 12.
Luminaire for fluorescent and incandescent lamps. J. G. Lippincott. 140,107; Jan. 23.
Lure, Fish. W. E. Baldwin. 142,160; Aug. 14.
Lure, Fishing. N. G. Poplin. 142,305; Aug. 28.
Machine, Gear finishing. E. W. Miller. 142,145; Aug. 14.
Machine power unit, Combination hoisting and excavating. H. E. Swanson. 141,230; May 15.
Magnifying glass. E. J. Herbert. 140,252; Feb. 6.
Mailbox. W. Johnson. 140,425; Feb. 27.
Maintenance machine, Floor. W. E. Holt. 142,416; Sept. 25.
Manicure appliance. F. R. Walsh. 142,177; Aug. 14.
Mantelpiece and bar or similar article, Combination. S. Kuchta. 140,507; Mar. 6.
Marker, Corner. J. R. Mathews and W. A. Davidson. 142,788; Nov. 6.
Marker, Garden. A. Rubenstein. 143,032–8; Nov. 27.
Marker, Grave. W. M. Hammond. 141,877; July 31.
Marker, Grave. R. S. Hammond. 141,878–9; July 31.
Marker, Highway. H. E. Neal. 141,768; July 3.
Mask for use in electrotherapy, Facial. P. Meminger. 140,667; Mar. 27.
Mask or similar article. A. L. Grammer. 140,377; Feb. 20.
Mask or similar article, Aviator's oxygen. A. H. Bulbulian. 141,602; June 19.
Mask or similar article, Doll. M. Marossi. 140,288; Feb. 6.
Mask, Surgical. G. Kemp. 141,604; June 19.
Mask, Underwater. D. F. Eddy. 140,814; Apr. 10.
Massager. F. F. Latshaw. 140,384; Feb. 20.
Massaging device or similar article. S. Burgheimer. 141,358; May 29.
Mat or similar article, Foldable exercising. E. Zinkel. 142,685; Oct. 23.
Mat, or similar article, Place. K. C. Hamilton. 141,279; May 15.
Mat or similar article, Place. K. C. Hamilton. 142,411–12; Sept. 25.
Measuring device, Seed. J. B. Hagle. 141,686; June 26.
Medal, Rosary. W. J. Duzmal. 142,067; Aug. 14.
Medallion or similar article, Religious. O. A. Scheurmann. 141,614–17; June 19.
Metalworking machine, Single spindle automatic. A. E. Drissner. 142,333; Aug. 28.
Metal working machine, Single spindle automatic. A. E. Drissner. 142,707; Oct. 30.
Meter, Light. E. J. Nicholson. 142,439; Sept. 25.
Meter, Sales. C. F. Ramsay. 141,985; Aug. 7.
Microphone, Desk. R. L. Stone. 143,363; Dec. 25.
Microphone, Hand. G. F. Braun. 140,684; Mar. 27.
Microscope, Electron. R. Holley. 141,832; July 10.
Milking machine claw. G. A. Anderson. 142,510; Oct. 9.
Mirror. D. H. Whitehead. 140,131; Jan. 23.
Mirror and lipstick container, Combined. A. J. Brooks. 140,924; Apr. 17.
Mirror and support therefor. H. J. Feist. 142,165; Aug. 14.
Mirror, Hand. H. W. Brown. 142,017; Aug. 14.
Mirror, Hand. M. Salinger. 142,794; Nov. 6.
Mirror, Hand. S. J. Winslow. 142,756; Oct. 30.
Mirror, Round-the-neck. S. J. Winslow. 140,582; Mar. 13.
Mirror, Round-the-neck. S. J. Winslow. 142,759; Oct. 30.
Mirror, Safety view. F. F. Latshaw. 142,248; Aug. 21.
Mitt, Baseball. A. J. Turner. 140,846; Apr. 10.
Mixer for butter or the like. R. Swanson. 142,680; Oct. 23.
Mixer, Truck-type concrete. C. I. Bohmer. 140,472; Feb. 27.
Mixing device. H. Gilbert. 143,301; Dec. 25.
Mixing device, Butter substitute. R. R. Auerswald. 142,011; Aug. 14.
Mixing machine, Kitchen. G. E. Ford. 142,550; Oct. 16.
Moistening device, or the like, Portable tape. W. C. Marsh. 142,173; Aug. 14.
Molding for store fronts. M. Ketchum, Jr. 141,047–50; May 1.
Monocular viewer, Hand. C. E. Kidner. 141,181; May 8.
Monument. M. Norcross. 141,218; May 15.
Motion picture machine and carrying case therefor, Portable. W. C. De Vry. 141,955; Aug. 7.
Motor and pump assembly. L. C. Badgley. 140,758; Apr. 10.
Motor for operating movable parts of an airplane. R. Heintz. 141,066; May 1.
Motor for operating movable parts of an airplane. R. M. Heintz. 142,273; Aug. 21.
Motorcycle, Helicopter. D. E. Gumb. 140,875; Apr. 17.
Mount or the like, Lens. O. R. Nemeth. 141,692; June 26.
Mower or the like, Lawn. A. R. Cooper. 141,203; May 15.
Mug. H. H. Berne. 142,465; Oct. 2.
Music box and cigarette container, Combined. H. Marienthal. 143,335; Dec. 25.
Napkin or the like. H. Scott. 141,513; June 5.
Napkin, Paper. R. B. Stevens. 140,150; Jan. 30.
Nasal applicator. H. H. Rabbes. 141,458; June 5.
Necklace. F. Nazare. 142,111; Aug. 14.
Necklace. A. Philippe. 143,349; Dec. 25.
Necktie or similar article. R. Ettman. 142,309–13; Aug. 28.
Needle unit, Biopsy. H. Turkel. 142,358; Sept. 11.
Negligee or similar article. A. Macksoud. 141,941; July 31.
Nib section for a fountain pen. D. Juelss. 142,170; Aug. 14.
Nib section for a fountain pen or similar article. A. Winter. 141,747; July 3.
Nightgown. J. Z. Wade. 141,262; May 15.
Nipple for nursing bottles. B. O. T. Bery. 142,980; Nov. 27.
Necklace. J. Rubel. 142,970; Nov. 20.
Necklace or similar article. J. Rubel. 142,969; Nov. 20.
Nozzle attachment for air hose or the like. L. L. Smith. 143,359; Dec. 25.
Nozzle or similar article, Suction cleaner. K. H. Wittke. 141,803–5; July 3.
Nozzle, Spray. J. Stanitz. 141,185; May 8.
Nozzle, Suction. W. E. Foster. 141,082; May 1.
Nozzle, Window defrosting. G. R. Wallen and H. R. Trausneck. 141,232–3; May 15.
Opener, Bottle. L. Cotton. 140,622; Mar. 20.
Opener, Bottle. M. A. C. Johnson. 141,816; July 10.
Opener, Can. A. M. Jacobson. 140,631; Mar. 20.
Opener, Can. M. J. La Forte. 143,327; Dec. 25.
Opener, Can. H. J. Talge. 139,873; Jan. 2.

Opener, Can. H. J. Talge and C. Martyr. 142,307; Aug 28.
Opener, Can. F. F. Topping. 141,399; May 29.
Opener or similar article, Bottle. R. M. Smith. 140,183. Jan. 30.
Opener or similar article, Letter. M. L. Goldbert. 141,875; July 31.
Operator and escutcheon, Combined catch. E. M. Borchers. 140,765; Apr. 10.
Operator, Catch. E. M. Borchers. 140,766; Apr. 10.
Ornament, Desk. M. C. Keating. 142,284; Aug. 21.
Ornament, Desk. N. Meadow. 141,326; May 22.
Ornament, Ear. A. Boutemy. 141,420; May 29.
Ornament, Hair. M. Antritter. 142,767; Nov. 6.
Ornament, Hair. S. Behr. 143,262; Dec. 25.
Ornament, Hair. M. A. R. Richards. 141,642; June 19.
Ornament or similar article, Ear. L. E. Anderson. 140,899; Apr. 17.
Ornament or similar article, Lapel. C. Wandt. 142,754; Oct. 30.
Ornament, Two-piece hair. J. Halpern. 142,518; Oct. 9.
Ornament, Two-piece hair. J. Halpern. 143,208; Dec. 18.
Orphrey or similar article. O. A. Scheurmann. 141,606–13; June 19.
Outsole or similar article. G. Codish. 140,649; Mar. 27.
Overall. S. Nesson. 140,698; Mar. 27.
Pack for fragile articles. W. E. Parsons and W. H. Randall. 142,116–19; Aug. 14.
Pack for fragile articles. E. L. Shepard. 142,129; Aug. 14.
Pad unit, Memorandum note. L. di Rebaylio. 142,775; Nov. 6.
Pads, Shoulder. F. M. O'Brien. 140,269; Feb. 6.
Padlock. F. Collura. 143,271; Dec. 25.
Padlock. H. E. Soref. 143,245–6; Dec. 18.
Padlock, Permutation. G. E. B. Jakopets. 142,481; Oct. 2.
Pan or similar article, Sauce. A. F. Ramsthal. 143,164; Dec. 11.
Panel for a lighting fixture, Lens. E. C. Zimmerman. 141,064; May 1.
Panel for ranges or the like, Heat control and indicator. C. G. Bjorncrantz. 143,118–24; Dec. 11.
Panel or the like, Radiant baseboard. J. P. Magos. 141,145; May 8.
Panel or the like, Radiant convector baseboard. J. P. Magos. 141,146; May 8.
Panel, Poster. A. L. Bauers. 140,705; Apr. 3.
Panel, Refrigerator. W. S. Connell. 143,060; Dec. 4.
Paper or the like. T. Mendsen. 141,917; July 31.
Paper, or the like. A. Straeter. 141,252–3; May 15.
Paper or the like, Writing. M. Freund and P. Neuberger. 143,142; Dec. 11.
Paper, Wrapping. J. W. Elder. 141,080–1; May 1.
Pea shooter. A. D. Bloom. 141,748; July 3.
Pedestal base. S. D. Loman. 141,889; July 31.
Pedestal for stamping machine. C. K. Greene. 143,207; Dec. 18.
Peg for holding vines upon the soil. J. E. Johnston. 140,295; Feb. 6.
Pen barrel, Fountain. C. K. Lovejoy. 140,697; Mar. 27.
Pen, Desk. H. K. Stempel. 142,391; Sept. 25.
Pen, Fountain. E. C. Feig. 141,297; May 22.
Pen, Fountain. N. D. Fish and L. P. Martin. 142,382; Sept. 25.
Pen, Fountain. D. Kahn. 141,588; June 12.
Pen, Fountain. L. P. Martin. 142,384; Sept. 25.
Pen, Fountain. W. K. Olson. 142,388–9; Sept. 25.
Pen, Fountain. W. K. Olson and L. P. Martin. 142,390; Sept. 25.
Pen, Fountain. P. Schladermundt and O. Emslie. 140,026; Jan. 16.
Pen, Fountain. M. Ullman. 141,859; July 10.
Pen, Fountain. M. J. Waldinger. 142,000; Aug. 7.
Pen, Fountain. M. J. Waldinger. 143,051–3; Nov. 27.
Pen, Fountain. J. N. Whitehouse. 143,176; Dec. 11.
Pen, Fountain. A. Winter. 140,151; Jan. 30.
Penholder. B. W. Hanle. 142,361; Sept. 11.
Pen or similar article, Fountain. A. Baff. 139,903–5; Jan. 2.
Pen or the like, Fountain. F. F. Boyle. 142,392; Sept. 25.
Pen or the like, Fountain. N. D. Fish and L. P. Martin. 142,381; Sept. 25.
Pen or the like, Fountain. L. P. Martin. 142,383; Sept. 25.
Pen or the like, Fountain. W. K. Olson. 142,386–7; Sept. 25.
Pen point. C. K. Lovejoy. 140,695; Mar. 27.
Pen section for a fountain pen. C. K. Lovejoy. 140,696; Mar. 27.
Pen, Stylographic. A. Goldman. 140,727; Apr. 3.
Pencil. W. K. Chapman. 141,630–1; June 19.
Pencil, Mechanical. M. Ullman. 141,858; July 10.
Pencil, Mechanical. M. J. Waldinger. 142,001; Aug. 7.
Pencil, Mechanical. M. J. Waldinger. 143,048–50; Nov. 27.
Pencil or similar article, Mechanical. H. A. Bauer, F. D. Woods, and G. L. Beckstrom. 140,307; Feb. 13.
Pen-cil, Rolling. J. J. Sanders. 141,850; July 10.
Pendant. W. E. Blackburn. 142,981; Nov. 27.
Pendant. J. Rubel. 143,030–1; Nov. 27.
Pendant or similar article. U. F. Mandle. 140,737; Apr. 3.
Pendant or similar article, Luminous. J. A. Kelly. 142,285; Aug. 21.
Perfume bottle and support, Combined. C. H. Foster. 140,250; Feb. 6.
Perfume container. J. Rubel. 140,984; Apr. 24.
Perfume containing ornament or the like. J. Rubel. 141,655; June 19.
Perfume containing ornament or the like. J. Rubel. 141,658; June 19.
Phonograph needle. R. G. Sceli. 141,124; May 8.
Photo mount and compartment or article of similar nature, Combination. W. W. Layton. 143,008; Nov. 27.
Photographic viewing and printing cabinet. H. Warman. 140,757; Apr. 3.
Piano. W. Zaiser. 141,296; May 22.
Pilot turn control unit for aircraft, Automatic. N. B. Murphy. 143,340; Dec. 25.
Pin. J. V. Ecker. 142,846; Nov. 13.
Pin. C. L. Migliaccio. 142,724; Oct. 30.
Pin. R. Proctor, Jr. 141,787; July 3.
Pin. A. B. Shaw. 140,146–9; Jan. 30.
Pin, Brooch. A. Katz. 140,015–20; Jan. 16.
Pin, Brooch. A. Katz. 140,604–8; Mar. 20.
Pin, Brooch. A. Katz. 140,940–2; Apr. 24.
Pin, Brooch. A. Katz. 140,949–51; Apr. 24.
Pin, Brooch. A. Katz. 141,045; May 1.
Pin, Brooch. A. Katz. 141,117; May 8.
Pin, Brooch. A. Katz. 141,119; May 8.
Pin, Brooch. A. Philippe. 139,913; Jan. 2.
Pin, Brooch. A. Philippe. 139,945; Jan. 2.
Pin, Brooch. A. Philippe. 140,778–9; Apr. 10.
Pin, Brooch. A. Philippe. 140,781; Apr. 10.
Pin, Brooch. A. Philippe. 140,801; Apr. 10.
Pin, Brooch. A. Philippe. 140,894–5; Apr. 17.
Pin, Brooch. A. Philippe. 141,057–8; May 1.
Pin, Jewelry. A. Brand. 141,629; June 19.
Pin, Jewelry. A. Brand. 141,796; July 3.
Pin, Lapel. I. A. Lipman. 141,847; July 10.
Pin, Lapel. L. S. Winkler. 140,724; Apr. 3.
Pin or similar article. L. Barber. 141,584; June 12.
Pin or similar article. H. D. Cole. 143,133; Dec. 11.
Pin or similar article. H. D. Cole. 143,136; Dec. 11.
Pin or similar article. H. D. Cole and W. Diehl. 143,130–2; Dec. 11.
Pin or similar article. H. D. Cole and W. Diehl. 143,134–5; Dec. 11.
Pin or similar article. H. D. Cole and W. Diehl. 143,137; Dec. 11.
Pin or similar article. H. D. Cole and G. A. Santullo. 143,138; Dec. 11.
Pin or similar article. H. D. Cole and K. Speck. 143,139; Dec. 11.
Pin or similar article. B. Colp. 142,704; Oct. 30.
Pin or similar article. M. I. Koven. 142,485–6; Oct. 2.
Pin or similar article. J. J. Sanduski. 140,182; Jan. 30.
Pin or similar article, Brooch. H. De Alteriis. 140,526; Mar. 6.
Pin or similar article, Brooch. F. Bieberbach. 142,690; Oct. 30.
Pin or similar article, Brooch. F. Bieberbach. 143,116–17; Dec. 11.
Pin or similar article, Brooch. W. W. Hobé. 141,285; May 22.
Pin or similar article, Brooch. W. W. Hobé. 141,302–4; May 22.
Pin or similar article, Brooch. W. W. Hobé. 141,343–4; May 22.
Pin or similar article, Brooch. W. W. Hobé. 141,367–8; May 29.
Pin or similar article, Brooch. W. W. Hobé. 141,440–1; June 5.
Pin or similar article, Brooch. W. W. Hobé. 141,845; July 10.
Pin or similar article, Brooch. W. W. Hobé. 143,318; Dec. 25.
Pin or similar article, Brooch. A. Katz. 140,943–7; Apr. 24.
Pin or similar article, Brooch. A. Katz. 140,952; Apr. 24.
Pin or similar article, Brooch. A. Katz. 140,999; Apr. 24.
Pin or similar article, Brooch. M. Moss. 140,916; Apr. 17.
Pin or similar article, Insignia. C. M. Bradbury. 142,209; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,035; Aug. 14.
Pin or similar article, Jewelry. F. Morrow. 142,109–10; Aug. 14.
Pin or similar article, Jewelry. F. Morrow. 142,222; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,223–5; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,288–9; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,292; Aug. 21.
Pin or similar article, Jewelry. F. Morrow. 142,489; Oct. 2.
Pin or similar article, Jewelry. F. Morrow. 142,652; Oct. 23.
Pin or similar article, Jewelry. F. Morrow. 142,725–35; Oct. 30.

Pin or similar article, Jewelry. F. Morrow. 142,893–901; Nov. 13.
Pin or similar article, Jewelry. F. Morrow. 143,151–6; Dec. 11.
Pin or similar article, Jewelry. F. Morrow. 143,234; Dec. 18.
Pin or similar article, Jewelry. F. Morrow. 143,337; Dec. 25.
Pinafore. E. Brooke. 140,035; Jan. 16.
Pinochle board. H. W. Eaton and B. Trook. 142,516; Oct. 9.
Pipe. H. R. Maid. 143,087; Dec. 4.
Pipe. C. R. Rahn. 140,699; Mar. 27.
Pipe coupling unit, Pliant. I. Ročič. 140,617; Mar. 20.
Pipe, Lady's smoking. H. Sacks. 141,726; June 26.
Pipe, Smoker's. K. C. Bugg. 142,280; Aug. 21.
Pipe, Smoker's. A. L. Eggers. 141,594; June 12.
Pipe, Smoking. H. Abrams. 143,257; Dec. 25.
Pipe, Smoking. W. Leipper. 142,572; Oct. 16.
Pipe, Smoking. G. Trasso. 143,371; Dec. 25.
Pipe, Smoking. C. W. Von Rosenberg. 142,922; Nov. 13.
Pipe, Tobacco. H. G. Wyse. 142,760; Oct. 30.
Pitcher. A. J. F. Erbe. 140,656–7; Mar. 27.
Pitcher, Covered. J. B. Ward. 142,927; Nov. 13.
Plane, Craftsman's. S. Doniger. 141,110; May 8.
Plaque. I. W. Lemle. 141,963; Aug. 7.
Plaque. F. Powell. 140,644; Mar. 20.
Plaque, Inlay puzzle. S. A. Karlin. 141,740; July 3.
Plaque, Novelty wall. A. P. Lerman. 141,767; July 3.
Plaque or similar article. B. B. Bell. 143,115; Dec. 11.
Plaque or similar article, Service record. W. A. Baker. 142,012; Aug. 14.
Plaque unit for articulated fabric or similar article. R. Appel. 141,823; July 10.
Plastic unit for use on handbags or the like. R. S. Temko. 143,101; Dec. 4.
Plate. S. L. Gerson. 142,851; Nov. 13.
Plate, Child's. W. Abrams. 141,597–600; June 19.
Plate, Child's. W. Abrams. 141,625–6; June 19.
Plate, Electric fixture hanger. C. X. Meyer. 141,024; Apr. 24.
Plate for a bath supply fitting or the like, Cover. R. H. Zinkil and H. Dreyfuss. 143,383; Dec. 25.
Plate for a beveled panel back lavatory supply and waste fitting or the like, Cover. R. H. Zinkil and H. Dreyfuss. 143,385; Dec. 25.
Plate for a lavatory supply and waste fitting or the like, Cover. R. H. Zinkil and H. Dreyfuss. 143,384; Dec. 25.
Plate for a sink and laundry tub supply fitting or the like, Cover. R. H. Zinkil. 141,988; Aug. 7.
Plate for automobiles, Display. H. E. Dice. 142,774; Nov. 6.
Plate for building walls, Cement. B. D. Ladwig. 140,099; Jan. 23.
Plate for slicing machines, Gauge. A. H. Ahrndt. 143,108; Dec. 11.
Plate, Illuminable switch. T. L. Wheeler, Jr. 141,030; Apr. 24.
Plate making machine. F. A. Hacker. 139,880; Jan. 2.
Plate, Name. E. B. Lane. 141,083; May 1.
Plate or article of similar nature, Glass. C. L. Fordyce. 140,345; Feb. 13.
Plate or article of similar nature, Glass. C. L. Fordyce. 141,680; June 26.
Plate or similar article. M. C. Ruskin. 141,314; May 22.
Plate or similar article. M. C. Ruskin. 141,459; June 5.
Pliers. A. H. Miller. 142,888; Nov. 13.
Pliers. R. Wright. 140,065. Jan. 16.
Pliers or similar article, Pair of. E. L. Johnson, Jr. 142,867; Nov. 13.
Plug, Electrical test. J. D. Tuomey. 140,458; Feb. 27.
Pole head, Clothes. A. Cheney. 142,136; Aug. 14.
Polisher, Portable electric. G. J. Soderberg. 140,385; Feb. 20.
Polishing device, Electrical. S. Resnick. 141,577; June 12.
Pompom ornament for shoes, or similar articles. F. P. and M. C. Moore. 140,041; Jan. 16.
Pottery animal figure. I. Miller. 140,213–15; Jan. 30.
Pottery piece. S. V. Murray. 142,490; Oct. 2.
Power handsaw, Rotary. L. Vavrik. 142,235; Aug. 21.
Power unit. O. R. and R. A. Peterson. 142,494; Oct. 2.
Power unit, Dual motor. R. F. Thornton. 143,370; Dec. 25.
Power unit housing, Portable engine. P. Altman. 143,260; Dec. 25.
Power unit housing, Portable engine. W. S. Tandler and F. A. de Weiss. 143,366–8; Dec. 25.
Press, Bench. W. C. Denison. 142,023; Aug. 14.
Press, Dental. J. J. Ingle. 143,074; Dec. 4.
Press, Hydraulic. W. C. Denison. 142,022; Aug. 14.
Press, Hydraulic. R. J. Hess and R. K. Sedgwick. 141,667–8; June 19.
Press or similar article, Bacon. N. D. Gibson. 140,707; Apr. 3.
Press, Printing. C. S. Crafts. 142,471; Oct. 2.
Press with indexing table. W. C. Denison. 142,024; Aug. 14.
Pressure cooker door and securing apparatus, Combined. E. J. Le Claire. 143,081; Dec. 4.
Projector. L. Geis. 143,067; Dec. 4.
Projector, Motion picture. O. R. Nemeth. 140,426; Feb. 27.
Projector, Picture. G. E. Hamilton. 140,348; Feb. 13.
Propeller, Fan. Bob Debenport. 141,573; June 12.
Propeller, Fan. B. Lee. 142,260; Aug. 21.
Propeller for diameter control. H. Birsh. 141,235; May 15.
Pull or similar article, Drawer. R. A. Stone. 142,043; Aug. 14.
Puller, Weed. R. T. Sand. 142,531; Oct. 9.
Pump. E. J. Svenson, G. J. Peterson, and S. H. Stone. 140,523; Mar. 6.
Pump, Air. L. E. Russell. 140,232; Feb. 6.
Pump apparatus or similar article, Portable. O. G. Mandt and A. C. Saxe. 140,642; Mar. 20.
Pump, Centrifugal. J. M. Little. 141,581; June 12.
Pump, Grease. C. W. Sundberg. 140,987; Apr. 24.
Pump or similar article, Bilge. T. Langan. 143,078–9; Dec. 4.
Purse, Coin. H. P. Behrman. 141,156; May 8.
Puzzle. W. B. Sewell. 140,371; Feb. 20.
Puzzle. H. H. Wilson. 141,391; May 29.
Quartz orientation table unit. D. Tilton. 140,064; Jan. 16.
Quilt. M. A. and W. P. Stover. 140,124; Jan. 23.
Rack and pincushion, Combined sewing. A. A. Grimsby. 142,477; Oct. 2.
Rack and smoking stand, Combined book, magazine, newspaper. L. Reis. 141,942; July 31.
Rack, Combined knife and towel. J. M. Marateck. 141,902; July 31.
Rack, Croquet. R. T. Gutz and A. Swainson. 142,352; Sept. 11.
Rack, Croquet. A. Swainson and R. T. Gutz. 142,353; Sept. 11.
Rack, Display. R. W. MacDonald. 143,149; Dec. 11.
Rack, Display. W. Wheary. 141,319; May 22.
Rack for bagged peanuts, Counter display. R. B. Wemyss. 140,247; Feb. 6.
Rack for bow ties, belts and the like. M. Rosenblatt. 141,725; June 26.
Rack, Jewelry. M. Sacoder. 141,790; July 3.
Rack, Knife. H. P. Glass. 141,956–60; Aug. 7.
Rack, Knife. B. R. Glukes. 141,898; July 31.
Rack, Magazine. E. A. Herrera. 140,566; Mar. 13.
Rack, Merchandise display. L. H. Burlin. 141,487; June 5.
Rack, Necktie. P. Pestyner. 143,348; Dec. 25.
Rack or similar article, Butcher's sanitary tool. A. H. Remillong and W. E. Montandon. 140,673; Mar. 27.
Rack or similar article, Display. J. L. Coates. 141,750; July 3.
Rack or similar article, Stirring spoon. R. Stacey. 142,593; Oct. 16.
Rack or similar article, Tie. A. P. Jankas. 142,031; Aug. 14.
Rack or the like, Merchandise. J. L. Ford. 142,952; Nov. 20.
Rack or the like, Towel. E. J. Coffed. 141,976; Aug. 7.
Rack, Pen. P. Rossi. 140,072–4; Jan. 16.
Rack, Portable clothes. A. C. Botsford and C. J. Chasse. 142,059; Aug. 14.
Rack, Sewing. M. M. Atherton. 141,515; June 5.
Rack, Sewing. R. G. Presley. 141,863; July 10.
Rack, Shoe shining. C. P. Bieger. 142,370; Sept. 25.
Rack, Tie. E. J. Coffed. 141,571; June 12.
Rack, Tie. J. Lester. 141,067; May 1.
Rack, Tie. N. Levin. 140,121; Jan. 23.
Rack, Tie. W. G. Williams. 141,134; May 8.
Rack, Towel. D. Greene. 141,779–80; July 3.
Rack, Towel. A. Marchand. 142,304; Aug. 28.
Racker, Poker chip. W. B. Sewell. 141,950; Aug. 7.
Radio and phonograph table, Combination. H. L. Weisburgh. 143,376; Dec. 25.
Raincoat or similar article. E. Bernath. 141,158; May 8.
Range. J. D. Coleman. 142,837; Nov. 13.
Rattle. P. E. Allen. 139,960–1; Jan. 9.
Rattle and teething device, or similar article, Combined baby. G. I. Mims. 140,445; Feb. 27.
Rattle, Baby. E. T. Fretz. 141,757; July 3.
Razor. L. Cotton. 140,654; Mar. 27.
Razor, Safety. V. Dudas. 142,950; Nov. 20.
Receiver earpiece. A. E. Woodruff. 142,133; Aug. 14.
Receptacle, Coin. R. S. Berens. 142,015; Aug. 14.
Receptacle, Condiment H. W. Keuper. 142,032; Aug. 14.
Receptacle for infant's food. E. J. Wormley. 143,379; Dec. 25.
Receptacle, Game counter. D. B. Alexander and S. E. Toussaint. 141,136; May 8.
Receptacle, Garbage. E. F. Kautz. 142,424; Sept. 25.
Receptacle or similar article, Mail. T. B. Owens. 142,493; Oct. 2.
Receptacle or similar article, Toilet soap. W. C. Quinn. 141,789; July 3.
Record player. L. J. Andres. 140,989; Apr. 24.
Recorder and reproducer or similar article, Combination magnetic. M. Camras. 143,182; Dec. 18.
Recorder or similar article, Magnetic. M. Camras. 143,183; Dec. 18.
Recording machine casing, Voice. C. C. Walker. 141,131; May 8.
Reel, Fish line. R. T. Hedfield. 141,979; Aug. 7.
Reel, Fishing. R. R. Allen. 142,686; Oct. 30.
Reel, Fishing. G. J. Sharps. 141,618; June 19.
Reel for electric conductor cords. J. M. Little. 140,055; Jan. 16.

Refreshment counter and seat, Combined. P. A. De Belling. 140,992; Apr. 24.
Refrigerating unit. F. G. Peck. 143,161; Dec. 11.
Refrigerator and frozen food display, Combination. J. Tyler. 140,198; Jan. 30.
Refrigerator and kitchen unit, Cabinet type. J. H. Benson. 140,901; Apr. 17.
Refrigerator, Display. C. B. Shreve. 142,910; Nov. 13.
Remover, Container closure. M. C. Ranseen. 141,967; Aug. 7.
Remover, Crown cap. M. C. Ranseen. 141,968; Aug. 7.
Rest, Finger. P. McPharlin. 142,327; Aug. 28.
Retainer, Strap extension. L. L. Steigerwald. 141,622; June 19.
Rheostat. D. Di Stadio. 141,827; July 10.
Ring. S. A. Berg. 142,544; Oct. 16.
Ring. A. Klein. 140,548; Mar. 6.
Ring. I. Lieber. 140,003; Jan. 9.
Ring. H. Pommier. 140,867–8; Apr. 10.
Ring. H. Pommier. 140,936; Apr. 17.
Ring. H. J. Sudbrink. 142,234; Aug. 21.
Ring. P. J. Touraine. 140,125; Jan. 23.
Ring and watch, Combined finger. M. Ostier. 141,696; June 26.
Ring, Finger. B. Adler. 141,337; May 22.
Ring, Finger. M. Berger. 141,628; June 19.
Ring, Finger. B. Esh. 142,164; Aug. 14.
Ring, Finger. C. Gantwarg. 141,092; May 8.
Ring, Finger. C. Gantwarg. 143,297; Dec. 25.
Ring, Finger. H. J. Jung. 142,868; Nov. 13.
Ring, Finger. E. Kiff. 139,912; Jan. 2.
Ring, Finger. A. Koenig. 140,231; Feb. 6.
Ring, Finger. G. Pohli. 142,589; Oct. 16.
Ring, Finger. C. F. Pugh. 140,086; Jan. 23.
Ring, Finger. C. Van B. Reilly. 143,166; Dec. 11.
Ring, Finger. G. P. Wagner. 140,235; Feb. 6.
Ring, Finger. H. M. Walden. 143,374; Dec. 25.
Ring, Finger. E. L. Weed. 142,603; Oct. 16.
Ring, Napkin. B. H. Pentz and G. Berlin. 141,501; June 5.
Ring or similar article, Cluster. E. N. Schenkein. 140,871; Apr. 10.
Ring or similar article, Finger. S. Kalina and I. Kamens. 140,177; Jan. 30.
Robe. E. L. Goble. 141,008; Apr. 24.
Rocking device, Child's. B. C. Timmerman. 142,046; Aug. 14.
Rocking horse or similar article, Wheeled. A. H. Hanscom. 139,950; Jan. 9.
Rotary actuator unit for movable parts of an aircraft. W. P. Lear. 140,211; Jan. 30.
Router. N. Anderson. 141,729; July 3.
Rubber, Toe. J. J. Marx and F. J. Heckman. 140,822; Apr. 10.
Sachet or similar article. A. Yandell. 143,177; Dec. 11.
Sadiron. C. Karstadt. 141,456; June 5.
Sadiron, Electric. C. Karstadt. 140,096; Jan. 23.
Sander, Surface. J. L. Feild. 143,293; Dec. 25.
Saucepan. D. T. Bergman. 143,263; Dec. 25.
Saw. F. Collura. 140,810; Apr. 10.
Saw and rule, Combined. V. R. Pileggi. 143,025; Nov. 27.
Saw or similar article, Band. R. H. Andresen. 142,810; Nov. 13.
Saw or similar article, Circular. R. H. Andresen. 142,809; Nov. 13.
Scabbard or the like. W. E. Fairbairn, F. R. Graninger, and E. G. Millison. 140,745; Apr. 3.
Scaffold unit. L. A. Reiner. 142,350; Aug. 28.
Scaffold unit. L. A. Reiner. 142,496; Oct. 2.
Scale. H. Ruskin. 140,618; Mar. 20.
Scale, Bathroom. D. Chapman. 142,064; Aug. 14.
Scale, Drawing. V. C. Miller. 141,691; June 26.
Scale for vehicles, Wheel-load. H. Dreyfuss. 139,934–5; Jan. 2.
Scale, Palm reading. O. O. Hembree. 140,713; Apr. 3.
Scale, Weighing. G. D. Barok. 142,055; Aug. 14.
Scale, Weighing. H. Dreyfuss. 139,917–21; Jan. 2.
Scale, Weighing. H. Dreyfuss. 139,923–33; Jan. 2.
Scale, Weighing. H. Dreyfuss. 141,798; July 3.
Scale, Weighing. J. Palma, Jr. 141,724; June 26.
Scale, Weighing. B. M. Thiel. 142,536; Oct. 9.
Scaling device, Fish. O. G. Rieske. 143,167; Dec. 11.
Scarf. D. G. Carpenter. 141,659; June 19.
Scarf. P. Goldenstein. 141,161–6; May 8.
Scarf. R. Gottschalk. 140,660–1; Mar. 27.
Scarf. J. Lavalle. 140,144; Jan. 30.
Scarf, Head. B. B. Smith and E. Z. Cauter. 142,915; Nov. 13.
Scarf or similar article. J. Brodigan. 142,469; Oct. 2.
Scarf or similar article. S. L. Hermanos. 142,169; Aug. 14.
Scarf or similar article. P. A. Vogelman. 140,787; Apr. 10.
Scoop or similar article. N. E. Hopkins. 142,480; Oct. 2.
Score board. S. Frank. 140,767; Apr. 10.
Screen for a doll's house. N. Kropatkin. 141,923; July 31.
Screw driver, Lever type. S. Bloomfield. 142,982; Nov. 27.
Screwdriver or similar article. G. M. Walraven. 142,267; Aug. 21.
Seal or similar article. M. A. Tomlinson. 141,476; June 5.
Seat, Child's swing. I. C. Edbing. 142,708; Oct. 30.
Seat, Combination collapsible baby's automobile and swing. S. J. Geluso. 140,503; Mar. 6.
Seat, Infant's portable toilet. S. S. Schnittmann. 142,909; Nov. 13.
Seat or the like, Child's. F. J. Underkofler 140,126; Jan. 23.
Seat, Toilet. P. J. Sperzel. 140,184; Jan. 30.
Seat, Toilet. J. D. Williams, Jr. 142,755; Oct. 30.
Selector and indicator for movable parts of an aircraft or similar article, Position. W. P. Lear. 140,276; Feb. 6.
Separator, Bench cream. R. W. Muerle. 142,437; Sept. 25.
Separator supply tank, Cream. C. E. Butler. 143,128; Dec. 11.
Server top, or similar article. R. Bernhardt. 141,351; May 29.
Setting for a gem, or similar article. M. J. Schless. 139,946; Jan. 2.
Sewing machine frame. W. B. Foster. 140,382; Feb. 20.
Sewing machine or similar article. A. B. Clayton. 140,208; Jan. 30.
Sewing machine or the like, Button. W. T. Maxant. 142,435; Sept. 25.
Shade for a lamp or similar article. W. H. Miller. 141,025; Apr. 24.
Shade, Lamp. R. Castro. 142,062–3; Aug. 14.
Shade or similar article, Light. W. H. Miller. 142,287; Aug. 21.
Shaft for andirons, Vertical. E. O. Crocker. 142,295–6; Aug. 28.
Shaker, Combination salt and pepper. M. Cusanelli. 140,462; Feb. 27.
Shaker or similar article, Condiment. B. Blecher. 140.333–4; Feb. 13.
Shaker or similar article, Condiment. B. Blecher. 142,695–8; Oct. 30.
Shaker or similar article, Condiment. R. V. Ganz. 141,323; May 22.
Shaker or similar article, Condiment. R. V. Ganz. 141,325; May 22.
Shaker or similar article, Condiment. R. V. Ganz. 141,339; May 22.
Shaker or similar article, Condiment. C. A. Wanger. 141,709; June 26.
Shaker or similar article, Salt. E. G. Cobelli and D. N. McDougal. 142,374; Sept. 25.
Shaker or similar article, Salt. M. A. C. Johnson. 140,339; Feb. 13.
Shaker or the like, Salt. L. E. Bauer. 141,455; June 5.
Shaker or the like, Salt. R. Shatkin. 142,744; Oct. 30.
Shank for a finger ring. E. Kiff. 139,943; Jan. 2.
Sharpener and can opener, Combination knife. R. Boettinger. 142,466; Oct. 2.
Sharpener for pencils, Razor blade. E. Weiss. 141,270; May 15.
Sharpener, Knife. R. Boettinger. 142,467; Oct. 2.
Sharpener, Knife. A. W. Loucony. 142,880; Nov. 13.
Sharpener, Pencil. E. C. Hoffmann. 142,863; Nov. 13.
Shears, Grass. T. J. Caves. 140,809; Apr. 10.
Shears, Leather. G. Donohoe. 140,441; Feb. 27.
Sheath or similar article. R. O. Green. 140,346–7; Feb. 13.
Sheet for fragile articles, Packing. E. L. Shepard. 143,042; Nov. 27.
Shelf and mirror, Combined whatnot. F. P. Heany. 142,072; Aug. 14.
Shelf or the like, Utility. L. Hervey. 140,750; Apr. 3.
Shelf, Refrigerator. O. H. Paddock. 142,904; Nov. 13.
Shelf, Wall. C. Daum. 141,824; July 10.
Shelf, Wall. N. Vander Bloomen. 142,920; Nov. 13.
Shield. H. Pedersen. 141,997; Aug. 7.
Shield, Eye. J. E. Du Bois. 140,312; Feb. 13.
Shield, Eye. D. E. Kimball. 143,077; Dec. 4.
Shield, Luminous light switch. J. Ross. 141,433; May 29.
Shield, Service record. A. C. Werback. 140,185; Jan. 30.
Ship or similar article. C. Hannevig. 140,275; Feb. 6.
Ship or similar article. C. Hannevig. 142,335; Aug. 28.
Shoe. U. Chaplain. 141,896; July 31.
Shoe. G. P. Christison. 141,953; Aug. 7.
Shoe. J. P. Famolare. 142,847; Nov. 13.
Shoe. J. Margouleff. 141,582; June 12.
Shoe. J. Margouleff. 141,590; June 12.
Shoe. J. Sandler. 140,573; Mar. 13.
Shoe. C. Wolfelt. 140,545; Mar. 6.
Shoe. M. Wolock. 142,461; Oct. 2.
Shoe. M. Wolock. 142,506–7; Oct. 2.
Shoe, Baby. M. E. Tiemeyer and E. E. Bates. 142,749; Oct. 30.
Shoe, Bowling. J. A. Scheps. 142,444; Sept. 25.
Shoe horn, Folding. A. W. Forman. 140,140; Jan. 30.
Shoe or similar article. W. Braun. 141,871; July 31.
Shoe or similar article. R. E. Frederick. 139,908; Jan. 2.
Shoe or similar article. H. J. Kroto. 140,820; Apr. 10.
Shoe or the like. G. Codish. 140,650; Mar. 27.
Shoe or the like, Woman's. G. Codish. 142,836; Nov. 13.
Shoe or the like, Women's. G. Codish. 140,651; Mar. 27.
Shoe protector. J. Karp. 141,741; July 3.
Shoe, Sandal type. N. J. Lissak and J. E. Lucey. 142,432; Sept. 25.
Shoe sole. J. E. Ryan. 140,675; Mar. 27.
Shoe sole and heel, Combined. E. M. Acosta. 142,929; Nov. 20.

Shoe sole and heel, Combined. C. Wolfelt. 140,703; Mar. 27.
Shoe tree and shoe horn, Combined. A. G. Berry, Jr. 140,806; Apr. 10.
Shoe tree, shoe horn, and buffer, Combined. S. Miller. 141,265; May 15.
Shorts, Men's. P. Friedman. 141,778; July 3.
Shoulder and head rest for throat operations or the like, Combined. W. L. Mermis. 141,168; May 8.
Shoulder pad for therapeutic purposes, Fur lined. W. Hamburger. 142,354; Sept. 11.
Shower head attachment for bath salts. O. d'Algodt. 142,841; Nov. 13.
Shredder, Food. F. F. Latshaw. 141,899; July 31.
Shuttlecock or similar article. J. L. Clark. 142,614; Oct. 23.
Siding unit or the like, Building. W. J. Heinning. 142,479; Oct. 2.
Sign. G. A. Heike. 143,072; Dec. 4.
Sign, Advertising. R. M. Bruner. 139,863; Jan. 2.
Sign board, Advertising. J. S. Batt. 143,180; Dec. 18.
Signboard, Outdoor. R. W. Olmsted. 141,309; May 22.
Signal, Chime. N. Abramson. 141,480–4; June 5.
Sink and cabinet, Combined. J. Stanitz. 140,574–5; Mar. 13.
Skirt, Knitted. W. Johnson. 140,119; Jan. 23.
Slide, Coin. A. C. Haggstrom. 141,524; June 12.
Slide, Neckerchief. B. A. Rose. 140,369–70; Feb. 20.
Slip. S. Wolf. 143,056; Nov. 27.
Slip or similar article. M. Landy. 140,341; Feb. 13.
Slipper. P. D. Earl. 141,277; May 15.
Slipper. J. D. Ferriso. 142,281; Aug. 21.
Slipper, J. Macht. 141,281–2; May 15.
Slipper. G. Popik. 142,529; Oct. 9.
Slipper. M. S. Silver. 142,914; Nov. 13.
Slipper, Boudoir. S. M. Groff. 142,780; Nov. 6.
Slipper, House. G. Cohn. 140,638; Mar. 20.
Slipper, House. M. P. Hiestand. 142,282; Aug. 21.
Slipper or similar article. T. R. Ingram. 140,325; Feb. 13.
Slipper or similar article, Child's. H. E. Rosen. 142,339; Aug. 28.
Soap, Bar of toilet. S. J. Eisenberg. 140,927; Apr. 17.
Soap saver. E. K. Madan. 141,011; Apr. 24.
Sock. J. I. McKeown. 140,342; Feb. 13.
Sock or similar article. A. Yandell. 141,336; May 22.
Sock, Ski. H. R. Anderson. 141,773; July 3.
Socket, Terminal. P. Meminger. 142,105; Aug. 14.
Sofa or similar article, Miniature. E. Handler and H. R. Matson. 140,906; Apr. 17.
Sole or similar article, Shoe. J. Gregg. 140,174; Jan. 30.
Sound head for motion picture projectors. O. R. Nemeth. 140,427; Feb. 27.
Spacer, Picture frame. G. W. Vreeland. 143,373; Dec. 25.
Spark plug. C. E. Bowes and S. C. Sundling. 141,138; May 8.
Spark plug. G. D. Suter. 142,595; Oct. 16.
Spatula. J. Neiser. 141,123; May 8.
Spectacle front. G. E. Nerney. 142,036; Aug. 14.
Spectacles, Pair of. W. J. Joyce. 140,506; Mar. 6.
Spectacles, Pair of semirimless. J. J. Rohrbach. 141,743–4; July 3.
Spinning toy. J. Baca. 140,306; Feb. 13.
Spoon. S. W. Farber. 140,263; Feb. 6.
Spoon. L. P. Sprygley. 141,069; May 1.
Spoon, Cooking. S. W. Farber. 140,264–5; Feb 6.
Spoon or article of similar nature, Glass. C. L. Fordyce. 141,112; May 8.
Spoon or other article of flatware. L. V. M. Helander. 140,749; Apr. 3.
Spoon or other article of flatware. L. V. M. Helander. 142,714; Oct. 30.
Spoon or other article of flatware. P. Katz. 140,911; Apr. 17.
Spoon or other article of flatware. W. S. Warren. 141,624; June 19.
Spoon or other article of flatware. W. S. Warren. 142,602; Oct. 16.
Spoon or other article of flatware. W. Weeks. 140,262; Feb. 6.
Spoon or similar article. K. L. Gustafson. 140,564; Mar. 13.
Spoon or similar article. G. E. Sekowski. 143,170; Dec. 11.
Spoon or similar article. G. L. Turner. 142,918; Nov. 13.
Spoon or similar article, Kitchen. W. O. Brown. 142,545; Oct. 16.
Spoon or similar article of flatware. S. Summon. 141,998; Aug. 7.
Spoon or similar article of flatware. S. Summon. 142,291; Aug. 21.
Spoon, Skimming. F. K. Storm. 143,047; Nov. 27.
Spoon unit, Measuring. K. L. Mathewson. 141,881; July 31.
Spout and valve hood, Combined swing. J. Stanitz. 140,557; Mar. 13.
Spout or similar article. J. S. Judell. 140,692; Mar. 27.
Spray head or the like. H. Dreyfuss. 142,992; Nov. 27.
Spray pump. H. V. Saffell. 141,557; June 12.
Sprayer or similar article. K. H. Wittke. 141,806; July 3.
Sprayer, Water pressure. A. E. Thompson. 141,623; June 19.
Sprinkler head base. J. R. Goggins. 142,401; Sept. 25.
Sprinkler, Rotary lawn. T. Loverde. 140,665; Mar. 27.
Squeezer, Fruit. S. J. Shaftel and J. Hausner. 140,451; Feb. 27.
Stamp, Seal. L. Cotton. 141,521; June 12.
Stand and container for perfumery, Combined display. L. J. Misuraca. 140,772; Apr. 10.
Stand and hand set, Combined telephone desk. G. Deakin. 140,904; Apr. 17.
Stand and hand set, Combined telephone desk. E. F. McKenna. 141,425; May 29.
Stand and nail polish container or similar article, Combined display. A. Lefcourte. 140,876; Apr. 17.
Stand and serving tray, Combined smoking. O. Mankki. 143,018; Nov. 27.
Stand, Bracelet display. F. Siegel. 141,791; July 3.
Stand, Clothes. L. Schweitzer. 141,851; July 10.
Stand, Collapsible music. W. Berg. 141,989; Aug. 7.
Stand, Collapsible music. F. Gambe. 140,336; Feb. 13.
Stand, Cosmetic color selection. J. Brodour. 143,181; Dec. 18.
Stand, Display. R. Brinkema. 143,125; Dec. 11.
Stand, Display. C. J. Christopher. 141,108; May 8.
Stand, Display. E. G. Cole and H. H. Schumacher. 139,876; Jan. 2.
Stand, Display. H. C. Macpherson. 143,333; Dec. 25.
Stand, Display. V. Rosner. 140,828; Apr. 10.
Stand, Foot. J. L. McLane. 140,212; Jan. 30.
Stand for flowers or the like. F. Heidt. 140,769; Apr. 10.
Stand for grinding wheels and similar articles, Display. E. B. Gallaher. 143,066; Dec. 4.
Stand for packaged commodities, Counter display. R. B. Wemyss. 142,131; Aug. 14.
Stand for phonograph record albums or the like, Display. L. W. Schneider. 139,895; Jan. 2.
Stand for phonograph record albums or the like, Display. L. W. Schneider. 140,468; Feb. 27.
Stand, Hub switch. C. H. Nordberg. 141,996; Aug. 7.
Stand, Microphone. G. F. Braun. 140,685; Mar. 27.
Stand, Microphone. R. M. Somers. 140,701; Mar. 27.
Stand, Millinery display. J. E. Yost. 140,579; Mar. 13.
Stand or similar article, Book. H. H. Thompson. 141,596; June 12.
Stand or similar article, Calendar. C. N. Montanye. 140,365; Feb. 20.
Stand or similar article, Calendar. H. L. Moore. 140,366; Feb. 20.
Stand or similar article, Display. F. Frederics. 143,202–3; Dec. 18.
Stand or similar article, Display. M. B. Horton. 143,320; Dec. 25.
Stand or similar article, Flag display. A. J. Olay. 140,626; Mar. 20.
Stand or similar article for jewelry and the like, Display. M. Salinger. 142 498; Oct. 2.
Stand or the like, Crocheting. T. B. Owens. 142,903; Nov. 13.
Stand, Produce display. J. Tyler. 142,752; Oct. 30.
Stand, Smoker. M. E. Olin. 143,024; Nov. 27.
Stand, Smoker's. O. C. Funderburk. 143,205; Dec. 18.
Stand, Smoker's. O. Mankki. 143,019; Nov. 27.
Stand, Smoker's. O. Mankki. 143,230; Dec. 18.
Stand, Smoking. O. Mankki. 143,017; Nov. 27.
Stand, Telephone. J. O. Reinecke. 142,742; Oct. 30.
Stand, Telephone desk. G. Deakin. 142,843; Nov. 13.
Stand, Tip lid for smoker's. O. Mankki. 143,229; Dec. 18.
Stand unit, Fountain pen. W. K. Olson. 142,385; Sept. 25.
Starter. V. C. Hodges. 142,199; Aug. 14.
Statuette. T. O'Donnell. 141,799; July 3.
Statuette, Newspaper boy. C. J. Beaver. 139,962; Jan. 9.
Step for flexible ladders. H. Fritzner. 140,324; Feb. 13.
Sterilizer, Ultraviolet. G. E. Glatthar and J. Terr. 139,938–9; Jan. 2.
Sterilizer, Ultraviolet. G. E. Glatthar, and J. Terr. 139,948; Jan. 9.
Sterilizer, Ultraviolet. G. E. Glatthar and J. Terr. 140,141; Jan. 30.
Stock tank heater. J. K. Newhall. 139,889; Jan. 2.
Stoker. R. F. Graham. 141,831; July 10.
Stool. W. C. Panzer. 141,379; May 29.
Stopper, Milk carton. E. E. Swanson. 142,196; Aug. 14.
Stove, Combination heating and cooking. W. R. Chamberlain. 141,460; May 29.
Stove, Cooking. B. N. Trombley. 141,841; July 10.
Stove, Sportsman's. E. H. Stempel and S. Rasmussen. 143,360; Dec. 25.
Straightener, Axle. S. W. Martin. 140,268; Feb. 6.
Strainer. W. C. P. Zabel and R. C. Helfenbein. 143,105; Dec. 4.
Strap or similar article, Watch. S. Kaufman. 142,215; Aug. 21.
Strap, Wrist watch. J. E. Du Bois. 141,753; July 3.
Strap, Wrist watch. A. Greenberg. 142,404; Sept. 25.
Stroller, Doll. M. Cohen. 141,946; Aug. 7.
Stylus. A. E. Marcucci. 141,167; May 8.
Submarine and land tank, Combination. R. M. Sutphen. 143,365; Dec. 25.
Suit. S. Cohen. 143,184–6; Dec. 18.
Suit. J. Freedman. 143,196–201; Dec. 18.
Suit. A. Gruber. 140,037–8; Jan. 16.
Suit. A. Gruber. 140,266; Feb. 6.
Suit. A. Gruber. 140,463; Feb. 27.

Suit. A. Gruber. 140,689; Mar. 27.
Suit. A. Gruber. 141,273–5; May 15.
Suit. A. Gruber. 141,393–6; May 29.
Suit. A. Gruber. 141,401–3; May 29.
Suit. A. Gruber. 141,488; June 5.
Suit. A. Gruber. 142,004; Aug. 7.
Suit. A. Gruber. 142,069; Aug. 14.
Suit. A. Gruber. 142,557; Oct. 16.
Suit. M. Levy. 141,492–3; June 5.
Suit. M. Levy. 141,981; Aug. 7.
Suit. M. Levy. 141,994; Aug. 7.
Suit. M. Levy. 142,002; Aug. 7.
Suit. I. Love. 140,039; Jan. 16.
Suit, Bathing. T. Leser. 143,082; Dec. 4.
Suit, Bathing. M. Sheldrick. 142,127–8; Aug. 14.
Suit, Boy's. D. T. Kogna. 140,071; Jan. 16.
Suitcase. R. D. Tobey. 143,173; Dec. 11.
Suit, ensemble. D. Konhauzer. 140,694; Mar. 27.
Suit, Lady's. S. Kuznetz. 139,999; Jan. 9.
Suit, Lady's. S. Kuznetz. 140,000–1; Jan. 9.
Suit, Lady's. S. Kuznetz. 142,874; Nov. 13.
Suit or similar article, Swim. M. F. Laszlo. 140,352–4; Feb. 13.
Suit or similar article, Swim. M. F. Laszlo. 140,529; Mar. 6.
Suit, Swim. M. F. Laszlo. 140,752; Apr. 3.
Sun shield, Lip retaining. J. Steele. 141,060; May 1.
Support for toilet accessories or the like. A. R. and J. R. Batten. 140,628; Mar. 20.
Support, Maternity garter. A. K. Collins and L. R. Hamilton. 142,838; Nov. 13.
Surface treating machine. L. Vavrik. 142,452; Sept. 25.
Swatter or similar article, Fly. G. W. Lambert. 142,428; Sept. 25.
Swing, Glider. J. R. Slaughter. 141,705; June 26.
Swing, Lawn. P. A. Cosme. 141,676; June 26.
Swing spout and escutcheon for mixing faucets, Combined. J. Stanitz. 141,349; May 22.
Switch back for an electric switch. E. J. Baumgardner. 141,100; May 8.
Switch, Foot-operated. A. L. Simonds. 141,413; May 29.
Switch housing. V. L. Darnell. 143,280; Dec. 25.
Switch plate, Wall. J. P. and J. A. Gits. 141,371; May 29.
Switch plate, Wall. J. P. and J. A. Gits. 141,392; May 29.
Table. R. Bruner. 140,838; Apr. 10.
Table. B. R. Glukes. 142,211; Aug. 21.
Table. D. M. Harriton. 143,312; Dec. 25.
Table. E. H. Hunter. 143,004; Nov. 27.
Table. J. E. Lundy. 142,434; Sept. 25.
Table. W. H. McDonald. 139,869–70; Jan. 2.
Table. W. H. McDonald. 139,884; Jan. 2.
Table. W. H. McDonald. 139,890; Jan. 2.
Table. C. E. Rosenfeld. 141,386; May 29.
Table. D. H. Whitehead. 140,134; Jan. 23.
Tablecloth. J. J. Maibach. 141,250–1; May 15.
Tablecloth, Lace. H. Hooven. 140,418–24; Feb. 27.
Tablecloth, Lace. H. Hooven. 142,074–6; Aug. 14.
Tablecloth, Lace. F. P. Otto. 140,430–1; Feb. 27.
Tablecloth, Lace. F. P. Otto. 142,113–15; Aug. 14.
Tablecloth, Lace. W. Wolf. 140,436; Feb. 27.
Tablecloth, Lace. W. Wolf. 142,132; Aug. 14.
Tablecloth or similar article. M. C. McGee. 140,666; Mar. 27.
Tablecloth or similar article. M. Stein. 142,447; Sept. 25.
Table, Combination stand and service. W. I. Evans. 141,929; July 31.
Table, Display. H. H. Schwartz. 141,151; May 8.
Table, Foldable serving. L. Lion. 142,171; Aug. 14.
Table, Infant's dressing and rubbing. E. M. Elson. 143,290; Dec. 25.
Table, Ironing. C. E. Meyerhoefer. 142,261; Aug. 21.
Table or similar article. M. Eisen. 141,857; July 10.
Table, Self illuminated and illuminating transparent rotary display. M. Deutsch. 140,390; Feb. 20.
Table top, Card. B. H. Dawson and W. L. Adams. 141,825; July 10.
Table top or similar article. B. Faggin. 140,527; Mar. 6.
Table unit, Meat packing. F. J. Bilek. 141,549; June 12.
Table unit or analogous article, Drop leaf. B. A. Doty. 141,593; June 12.
Table unit, Sectional display. N. S. Irwin. 141,547; June 12.
Tag and money clip, Combined identification. H. S. Kirsch. 142,718; Oct. 30.
Tag, Identification. C. M. Bradbury. 139,922; Jan. 2.
Tank, Fluid storage. E. H. Benson. 141,914; July 31.
Tank or the like, Vacuum cleaner. D. Chapman. 142,987; Nov. 27.
Tank, Single place. J. J. Baldine. 140,459; Feb. 27.
Tank, Submarine. C. Hill. 142,247; Aug. 21.
Tap, Milk carton. E. E. Swanson. 142,197; Aug. 14.
Tautener, Clothesline. R. C. Lewis. 140,192; Jan. 30.
Teacup. M. L. Hubbard. 143,321; Dec. 25.
Teakettle. J. H. Reichart. 140,754; Apr. 3.
Teapot. R. Ganz. 141,814; July 10.
Teapot or similar article. R. V. Ganz. 141,324; May 22.
Teapot or similar article. N. E. Graven. 141,041; May 1.
Teaching lacing, Device for. T. A. Pares. 143,237; Dec. 18.
Telephone desk set, Loud speaking. T. C. Riebe. 141,511; June 5.
Telephone, Field. C. A. Knorr. 142,873; Nov. 13.
Telephone set, Convertible desk and wall. E. S. McLarn and M. G. Kolmes. 141,641; June 19.
Template. E. J. Muldoon. 142,653; Oct. 23.
Template, Symbol. W. H. Bolter. 141,675; June 26.
Temple piece, Spectacle. E. and A. Barrett. 143,113; Dec. 11.
Tenderer, Meat. A. H. Ahrndt. 142,508; Oct. 9.
Tenderizing machine, Meat J. P. Spang. 142,916; Nov. 13.
Testing device, Milk. C. A. Thomas. 140,580; Mar. 13.
Textile fabric. J. F. Hoffmann. 141,939; July 31.
Textile fabric. A. Honeywell. 142,560; Oct. 16.
Textile fabric or similar article, Embroidered. O. Frei. 142,166; Aug. 14.
Textile fabric, Woven. J. Walther. 140,970–2; Apr. 24.
Textile fabric, Woven. J. Walther. 141,332–35; May 22.
Thermohydrometer. A. Z. Hoyer. 140,601; Mar. 20.
Thermohydrometer or the like. L. Edelmann. 142,378; Sept. 25.
Thermometer case or similar article, Humidity and temperature. G. L. Beckstrom. 140,374; Feb. 20.
Thermostat or the like. M. C. Lindeman. 141,688; June 26.
Thimble. J. J. Bradley. 140,525; Mar. 6.
Threader and needle card holding device, Combined needle. S. A. De Waltoff. 143,286; Dec. 25.
Thumb-rest for firearms or similar article. E. A. Emil. 142,016; Aug. 14.
Tieclasp. B. Glastal. 141,738–9; July 3.
Tire. W. F. Billingsley. 142,691; Oct. 30.
Tire. E. F. Brunner. 141,437; June 5.
Tire. G. W. Walker. 141,821; July 10.
Tire. G. W. Walker. 141,885; July 31.
Tire, Automobile. F. Michael. 140,668; Mar. 27.
Tire, Pneumatic. E. S. Ewart. 142,548; Oct. 16.
Toaster and cooker, Combination. O. E. Stelzer. 142,308; Aug. 28.
Toaster, Electric. H. E. Page. 142,037; Aug. 14.
Toaster or similar article. G. W. Walker and K. A. Hopkins. 143,054; Nov. 27.
Tom-Tom or similar article. A. V. Rivero. 140,520; Mar. 6.
Tong, Lifting. L. Martinelli. 140,240; Feb. 6.
Tongs or the like, Laundry. G. M. Tamblyn. 141,909; July 31.
Tongs, Pair of. A. O. Wells. 140,577; Mar. 13.
Tool, Bottle and can opening. W. H. Joyce. 140,817; Apr. 10.
Toolbox for a truck or similar article, Fuel tank mounted. F. Prior. 141,908; July 31.
Tool, Combined. L. Pierre. 142,263; Aug. 21.
Tool, Compound. W. M. Gallagher. 141,321; May 22.
Tool for fowls or the like, Eviscerating. E. M. Lynn. 140,193; Jan. 30.
Toolholder. H. C. Muhlbach. 141,835; July 10.
Tool or similar article, Tire. F. Homme. 140,908; Apr. 17.
Tool, Pipe cutting. C. H. Ingwer. 143,075; Dec. 4.
Tool, Pipe threading. W. A. Phillis. 143,239; Dec. 18.
Tool, Scraping. H. E. Bremer. 142,468; Oct. 2.
Tool, Tire. H. J. Bailey. 142,931; Nov. 20.
Tool unit, Machine. W. D. Archea. 142,814; Nov. 13.
Tool unit, Motor driven hand. B. A. Runstrom. 140,197; Jan. 30.
Tool unit, Power. T. S. Briskin. 142,135; Aug. 14.
Toothbrush. M. W. Alexander. 141,350; May 29.
Toothbrush. A. Cohen. 140,438; Feb. 27.
Toothbrush. J. Tutrani. 141,562; June 12.
Top, Can. J. Coyle and W. F. Punte. 141,991; Aug. 7.
Tower. H. Cohen. 141,106; May 8.
Tower, Water-cooling. J. G. De Flon and G. W. Meyer. 142,342; Aug. 28.
Toy. L. G. Baker. 142,932; Nov. 20.
Toy. E. M. Belknap. 141,018; Apr. 24.
Toy. W. H. Biever. 140,990; Apr. 24.
Toy. R. E. Boyse and S. W. Bradford. 140,311; Feb. 13.
Toy. W. R. Braund. 142,161; Aug. 14.
Toy. A. J. Bruns. 140,155–6; Jan. 30.
Toy. J. Bunnell. 141,855; July 10.
Toy. F. Caplan and R. Bufano. 140,076–9; Jan. 23.
Toy. P. V. Chicone and P. Ciccone. 142,149; Aug. 14.
Toy. L. Farmer. 141,062; May 1.
Toy. C. W. Judd. 142,321–5; Aug. 28.
Toy. B. F. Long. 141,965; Aug. 7.
Toy. V. E. Meers. 142,575; Oct. 16.
Toy. T. J. Parker. 141,697; June 26.
Toy. A. G. Promer. 140,883; Apr. 17.
Toy. A. Rassnick. 140,315; Feb. 13.
Toy. E. C. Ruehle. 142,039; Aug. 14.
Toy. M. Stuart. 140,681–2; Mar. 27.
Toy. M. Stuart. 140,918; Apr. 17.
Toy. F. W. Werring. 140,723; Apr. 3.
Toy. L. L. Westcamp. 141,886; July 31.
Toy. L. Wolf. 141,514; June 5.
Toy. L. Wolf. 141,972–3; Aug. 7.
Toy airplane. N. M. Soulé. 141,027; Apr. 24.
Toy amphibian truck or similar article. A. Dickson. 139,995; Jan. 9.
Toy and advertising novelty, Combination. E. E. Moore. 141,096; May 8.
Toy, Animal. C. M. Flandermeyer. 140,629; Mar. 20.

Toy, Animal. W. Paul. 141,982; Aug. 7.
Toy, Animal. W. Paul. 141,983; Aug. 7.
Toy animal figure. L. R. Laskey. 141,000; Apr. 24.
Toy animal, Stuffed. M. Szrajer. 140,487–92; Feb. 27.
Toy automobile. J. E. Gibson, Jr. 141,022; Apr. 24.
Toy automobile. E. R. Roach. 142,229; Aug. 21.
Toy automobile or the like. J. L. Stack, Jr. 143,099; Dec. 4.
Toy ball. R. L. Fisk and A. Abicht. 142,393–5; Sept. 25.
Toy, Ball-cage. B. Davidson. 141,522; June 12.
Toy, Ball tossing. A. M. Baker. 142,367; Sept. 11.
Toy bank or similar article. J. B. Lenhart. 141,280; May 15.
Toy bank or similar article. J. B. Lenhart. 142,347; Aug. 28.
Toy, Bell. E. New. 142,964; Nov. 20.
Toy block or similar article, Washable. B. Greenfield. 141,340; May 22.
Toy boat. A. Rietzke. 141,701–2; June 26.
Toy boat. W. L. Ripley. 140,720; Apr. 3.
Toy boat or similar article. T. O. Drescher. 140,993; Apr. 24.
Toy boat or similar article. T. O. Drescher. 141,005–6; Apr. 24.
Toy building. W. W. Tackett. 140,576; Mar. 13.
Toy building block. N. H. Berendsen. 141,627; June 19.
Toy building block. C. M. Dabrohua. 143,272–9; Dec. 25.
Toy calf, Stuffed. M. J. Denniston. 141,246; May 15.
Toy cannon. A. Keller. 141,010; Apr. 24.
Toy cannon. D. C. La Barre. 142,427; Sept. 25.
Toy cannon. E. Melberg. 141,689; June 26.
Toy castle. W. W. Tackett. 141,560; June 12.
Toy chair. J. Brunetti. 140,583; Mar. 13.
Toy, Child's. J. Bunnell. 141,856; July 10.
Toy church. W. W. Tackett. 141,567; June 12.
Toy, Climbing. E. L. Scott. 142,445; Sept. 25.
Toy cradle. H. D. Allen. 141,436; June 5.
Toy crib. R. H. Penndorf. 142,348; Aug. 28.
Toy depot. W. W. Tackett. 141,561; June 12.
Toy dog. N. T. Albright. 140,153; Jan. 30.
Toy dog. J. A. Cramer. 141,752; July 3.
Toy dog. B. M. Lochridge. 142,033; Aug. 14.
Toy dog, Stuffed. M. J. Denniston. 141,247; May 15.
Toy dredge. E. Nudelman. 141,925; July 31.
Toy duck, Ambulatory. C. H. Markwood. 142,524; Oct. 9.
Toy elephant puzzle. A. R. Ridley. 141,036; May 1.
Toy farm implement. H. Hieb. 142,359–60; Sept. 11.
Toy figure. L. C. Boll. 141,795; July 3.
Toy, Figure. A. F. Filer. 143,294; Dec. 25.
Toy, Figure. C. G. Jansky. 141,525; June 12.
Toy figure. E. B. Lumbard. 143,332; Dec. 25.
Toy figure. I. Wolfberg. 142,605; Oct. 16.
Toy figure, Climbing. L. H. Burlin. 143,127; Dec. 11.
Toy fire engine. C. J. Wood. 141,772; July 3.
Toy, Floating. D. Davidson. 141,677; June 26.
Toy for children, Educational. H. Shrier. 142,911; Nov. 13.
Toy for teaching arithmetic, Educational. D. Wurster. 142,053; Aug. 14.
Toy fortress. R. M. Anthony. 142,250; Aug. 21.
Toy gun. S. E. Dahlquist. 142,618; Oct. 23.
Toy gun. L. J. Frankel. 142,551; Oct. 16.
Toy gun. D. G. McAfee. 141,373; May 29.
Toy gun. I. G. Rubin. 140,087; Jan. 23.
Toy, Hand. E. W. Coble. 143,059; Dec. 4.
Toy, Helicopter. M. J. Freemark. 142,636; Oct. 23.
Toy horse. A. H. Gilliam. 141,523; June 12.
Toy locomotive. L. R. Laskey. 141,094; May 8.
Toy machine gun. M. R. Pattison. 140,432; Feb. 27.
Toy, Marble runway. G. B. Hatcher. 143,315; Dec. 25.
Toy musical merry-go-round. M. Kellerman. 143,076; Dec. 4.
Toy or similar article. C. Weltman. 140,884; Apr. 17.
Toy or similar article. G. Winston and A. B. Sawyer. 142,803; Nov. 6.
Toy or similar article, Ball operated. O. F. Larsen, Jr. 141,447; June 5.
Toy or similar article, Rocking. A. Horowitz. 142,257; Aug. 21.
Toy or the like, Child's. C. E. Russell. 140,088; Jan. 23.
Toy or the like, Wheeled. M. Rapaport. 141,699; June 26.
Toy phonograph. C. H. Hyman. 142,344; Aug. 28.
Toy pistol. W. E. and W. L. Williams. 141,452; June 5.
Toy, Pull. C. I. Huth. 142,154; Aug. 14.
Toy, Pull. R. Paul. 140,882; Apr. 17.
Toy, Pull. L. Wolf. 141,453–4; June 5.
Toy rattle. R. C. Lewis. 140,878; Apr. 17.
Toy rattler. G. W. Delano. 141,809–12; July 10.
Toy, Ring-boat. D. Davidson. 142,021; Aug. 14.
Toy, Ring-loop. D. Davidson. 142,020; Aug. 14.
Toy roller. W. Smith. 141,745; July 3.
Toy ship. J. T. Cox. 141,632; June 19.
Toy shoe house. E. J. Novak. 142,528; Oct. 9.
Toy sink. J. Brunetti. 141,320; May 22.
Toy stable. W. W. Tackett. 141,591; June 12.
Toy storage chest. H. P. Glass. 140,590; Mar. 13.
Toy stove. J. Brunetti. 141,570; June 12.
Toy submarine. W. A. Sleness. 141,229; May 15.
Toy tank puzzle. A. R. Ridley. 141,035; May 1.
Toy telegraph key. H. U. Dernahl. 142,514; Oct. 9.
Toy theater. L. Wise. 140,922; Apr. 17.
Toy train. L. L. Covey. 141,808; July 10.
Toy truck. G. Lerner and S. Gilbert. 141,964; Aug. 7.
Toy turreted building. W. W. Tackett. 141,559; June 12.
Toy vacuum cleaner. E. F. and A. M. Marshall. 141,450; June 5.
Toy vehicle. W. N. Wheeler. 140,186; Jan. 30.
Toy wagon. S. Gilbert and G. Lerner. 141,737; July 3.
Toy wagon. E. F. Silkman. 142,912; Nov. 13.
Toy wheelbarrow. H. D. Allen. 140,621; Mar. 20.
Toy wheelbarrow. H. D. Allen. 142,762–5; Nov. 6.
Toy, Wheeled. E. E. Atkinson. 142,208; Aug. 21.
Toy, Wheeled. R. C. Flynt. 142,396; Sept. 25.
Toy, Wheeled. R. S. Flynt. 141,298; May 22.
Toy, Wheeled. W. T. Guild. 142,071; Aug. 14.
Toy, Wheeled. L. R. Laskey. 142,302–3; Aug. 28.
Toy, Wheeled. E. W. Muntz. 140,614; Mar. 20.
Toy, Wheeled. R. E. Stowell. 142,351; Aug. 28.
Toy, Wheeled. H. S. Tucker. 140,089; Jan. 23.
Toy, Wheeled. G. M. Wallner. 142,050; Aug. 14.
Toy whistle. I. Rosenbloom. 141,312; May 22.
Toy whistling windmill. S. Kalisz. 142,563; Oct. 16.
Toy, Wooden pull. E. F. Silkman. 142,913; Nov. 13.
Tractor. T. Brown and H. Dreyfuss. 142,251; Aug. 21.
Tractor. E. S. Cooke. 142,365; Sept. 11.
Trainer or similar article, Child's. P. Skolnik. 140,217; Jan. 30.
Tray. A. V. Curry. 142,989; Nov. 27.
Tray. A. Kerby. 142,872; Nov. 13.
Tray. C. G. Preis. 141,503; June 5.
Tray and cigarette server, or the like, Combined ash. N. E. Kantor. 143,325; Dec. 25.
Tray, Ash. B. Blecher. 140,923; Apr. 17.
Tray, Ash. J. B. Canepa. 143,269; Dec. 25.
Tray, Ash. S. L. Gerson. 143,300; Dec. 25.
Tray, Ash. W. Helwig. 141,179; May 8.
Tray, Ash. S. D. Klyce. 142,425; Sept. 25.
Tray, Baby's. J. P. Bourdius. 142,366; Sept. 11.
Tray, Combined bread and butter. C. R. Snoke. 142,231–2; Aug. 21.
Tray, Communion cup. A. P. Lindblad. 140,393; Feb. 20.
Tray, Extinguisher ash. P. J. Swofford. 142,130; Aug. 14.
Tray for cosmetics. M. Walhimer. 141,971; Aug. 7.
Tray for frankfurter and roll or similar article. J. Policastro. 140,241; Feb. 6.
Tray or article of similar nature. N. Moss. 142,902; Nov. 13.
Tray or similar article, Ash. B. L. Jackson. 141,992; Aug. 7.
Tray or similar article, Ash. W. C. Panzer. 143,091; Dec. 4.
Tray or similar article, Wheeled. I. Rubin and J. B. Meltz. 140,740; Apr. 3.
Tray or the like, Ash. H. R. Levinger. 141,182; May 8.
Tray, Partitioned. H. W. Raymond. 142,668; Oct. 23.
Tray, receptacle, and game device, Combined serving. E. B. Taylor. 142,798; Nov. 6.
Tray, Table top. E. A. Storch. 143,364; Dec. 25.
Tread plate. H. L. Harper. 140,623–4; Mar. 20.
Tree, Mending. F. C. Salagie. 140,316; Feb. 13.
Tree, Shoe. S. W. Robitsek. 142,038; Aug. 14.
Trick device, Magician's. K. S. Franke. 140,417; Feb. 27.
Tricycle. Le R. W. Sly. 141,927; July 31.
Trim or similar article, Wheel. G. A. Lyon. 141,286–7; May 22.
Trim or similar article, Wheel. G. A. Lyon. 141,239; May 22.
Trimming or similar article, Embroidered. H. Tobler. 140,027–34; Jan. 16.
Trimming or similar article, Embroidered. H. Tobler. 140,259–61; Feb. 6.
Trimming or the like, Embroidered. J. Goldfrank. 142,068; Aug. 14.
Trimming or the like, Embroidered. J. Wiener. 140,957; Apr. 24.
Tripod head. C. J. Cardona. 140,744; Apr. 3.
Trousers. T. Kotzin. 140,465; Feb. 27.
Truck. J. J. Powers. 141,085–6; May 1.
Truck. J. J. Powers. 141,291; May 22.
Truck, Book. F. Rider. 142,497; Oct. 2.
Truck, Hand. F. J. Bilek. 141,673; June 26.
Truck, Industrial. G. V. Johnson. 142,641; Oct. 23.
Truck, Store service. A. Bartel. 140,635; Mar. 20.
Truck, Store service. A. J. Smith. 142,306; Aug. 28.
Tub, Bath. J. Stanitz. 141,621; June 19.
Tub or the like, Bath. F. P. Uphues. 139,899–900; Jan. 2.
Tub or the like, Corner bath. F. P. Uphues. 139,901; Jan. 2.
Tumbler. A. J. F. Erbe. 140,658; Mar. 27.
Tumbler. S. L. Gerson. 143,206; Dec. 18.
Uniform. A. M. Berger. 142,331; Aug. 28.
Uniform, Coverall. E. Beaver. 141,263; May 15.
Unit for cooking stoves, Accessory. H. M. Reeves and J. W. Hauser. 140,718; Apr. 3.
Urn. O. Mankki. 143,231; Dec. 18.
Valve. E. J. Collins. 142,703; Oct. 30.
Valve. J. S. Downs. 141,603; June 19.
Valve actuator, Electric motor driven. J. M. Wehner. 140,493; Feb. 27.
Valve housing for water softeners. E. P. Jordan. 140,770; Apr. 10.

Valve mounting and indicator, Combined hand control. H. R. Fitz Gerald and G. E. Kricker. 143,143; Dec. 11.
Valve seat and overflow connection, Combined. W. H. Patten. 140,966; Apr. 24.
Vane, Weather. J. F. Royals. 142,968; Nov. 20.
Vanity and table, Combination. A. Taylor. 140,920; Apr. 17.
Vanity case. J. Teague, Jr. 140,619; Mar. 20.
Vanity or similar article. E. B. Miller. 141,377; May 29.
Vaporizer. C. B. Stevens. 141,558; June 12.
Vaporizer, Air conditioning. H. Goodman. 142,363; Sept. 11.
Vase. E. O. Moncer. 140,823; Apr. 10.
Vase for holding short or long stem flowers or similar article, Twin top flower. E. Reynolds. 139,871; Jan. 2.
Vase or similar article. V. P. Petersen. 143,162; Dec. 11.
Vase, Wall. N. Mader. 143,150; Dec. 11.
Vase, Wall. J. C. Meeks. 139,886; Jan. 2.
Vase, Wall. E. O. Moncer. 140,670; Mar. 27.
Vault, Burial. R. E. Butler. 142,060; Aug. 14.
Vehicle, Armored automotive. C. M. Smart. 140,356; Feb. 13.
Vehicle body. G. W. Walker. 143,256; Dec. 18.
Vehicle, Child's. J. Remesch, H. Eyring, and P. Moyer. 140,719; Apr. 3.
Vehicle headlights, Luminous attachment for. N. M. Gage. 140,171; Jan. 30.
Vehicle, Juvenile. W. I. Smith. 140,434–5; Feb. 27.
Vehicle, Motor. J. C. Parkin and S. A. Bucholtz. 142,738; Oct. 30.
Vehicle, Transport. H. C. French. 141,736; July 3.
Velocipede frame member. W. I. Smith. 142,591; Oct. 16.
Vending machine. B. W. Fry. 141,438; June 5.
Vending stand, Popcorn. R. A. Johnson. 141,711; June 26.
Ventilator. O. Mankki and F. J. Schultheis. 141,215; May 15.
Vessel or article of similar nature, Cooking. A. F. Ramsthal. 142,244; Aug. 21.
Vessel or the like, Cooking. N. Shaeffer. 142,041; Aug. 14.
Vestee and hood, Combined. H. Kaufman. 142,326; Aug. 28.
Viewer. A. A. Bechtell. 142,543; Oct. 16.
Viewer, Film. W. O. and G. B. Schwartz. 140,123; Jan. 23.
Violin. E. Garding. 140,294; Feb. 6.
Vise, Portable. G. T. Cumming. 142,546; Oct. 16.
Vise, Sewing machine. M. Ingwer. 140,932; Apr. 17.
Visor, Sun. B. Goldberg. 142,237; Aug. 21.
Walker and stroller, Combination baby. F. P. Fletcher. 142,343; Aug. 28.
Walker and stroller, Combination baby. F. S. Nanna. 141,216; May 15.
Walker, Baby. J. P. Fegely. 142,848; Nov. 13.
Walker, Baby. F. P. Fletcher. 142,299; Aug. 28.
Walker or the like, Doll. H. Rapaport. 141,698; June 26.
Wall material or the like, Decorative. W. Burton. 141,541; June 12.
Wall material unit or the like, Decorative. W. Burton. 141,532–40; June 12.
Wall material unit or the like, Decorative. W. Burton. 141,542–4; June 12.
Wall material unit or the like, Decorative. W. Burton. 141,866–9; July 10.
Wallpaper. F. Urschel. 142,919; Nov. 13.
Wallet. P. Rossi. 142,125; Aug. 14.
Warmer, Baby food. M. Hirsch. 142,283; Aug. 21.
Warmer or similar article, Food. F. F. Gunther. 139,867; Jan. 2.
Washer for meat products or the like. F. J. Bilek. 141,915; July 31.
Washing machine. D. Chapman. 143,270; Dec. 25.
Washing machine. A. H. Gerhardt and A. P. Schulz. 142,998; Nov. 27.
Washing machine. G. W. Walker. 142,924–5; Nov. 13.
Washing machine, Home laundry. J. Barofsky. 141,672; June 26.
Watch and bracelet, Combined. A. R. Livingston. 142,879; Nov. 13.
Watch-box. A. A. Anthony. 141,234; May 15.
Watch case. G. Moses. 140,278; Feb. 6.
Watch crystal inserting machine. J. Simon. 142,590; Oct. 16.
Watch, Fob pin. H. Strauss. 141,038; May 1.
Watch, Wrist. I. Bloch. 142,371; Sept. 25.
Water correction device, Electrolytic. E. M. Butler. 141,938; July 31.
Water purifier, Electrolytic. T. C. Jones. 141,765; July 3.
Welder, Electric arc. U. S. Dunn. 142,377; Sept. 25.
Welder, Resistance. U. S. Dunn. 142,066; Aug. 14.
Welding machine, Stud. T. Nelson. 143,090; Dec. 4.
Welding symbol template, Draftsman's. R. J. Burleigh. 142,946; Nov. 20.
Welt, Shoe. W. C. Wright. 141,974; Aug. 7.
Welting. W. E. Phinney. 142,739–40; Oct. 30.
Wheel, Airplane tail. T. F. Young. 142,976; Nov. 20.
Wheel trim or similar article. C. B. Aske, Jr. 140,200–2; Jan. 30.
Wheel trim or similar article. G. A. Lyon. 140,205; Jan. 30.
Wheel trim or similar article. G. A. Lyon. 141,494–7; June 5.
Wheel trim or similar article. G. A. Lyon. 141,508–9; June 5.
Wheel trim or similar article. G. A. Lyon. 142,240; Aug. 21.
Wheel trim ring and hub cap or similar article, Combined. G. A. Lyon. 141,901; July 31.
Wheel with bracket mounting. T. F. Young. 142,975; Nov. 20.
Wheeled toy. E. M. Belknap. 141,019; Apr. 24.
Wheeled toy. W. R. Cafarelli. 141,031; May 1.
Wheeled toy. E. W. Coble. 141,089–91; May 8.
Wheeled toy. E. W. Coble. 141,104–5; May 8.
Wheeled toy. W. P. Harvey. 141,439; June 5.
Wheeled toy. R. W. Jones. 141,174; May 8.
Wheeled toy. F. T. Mathews. 141,176; May 8.
Wheeled toy. E. W. Muntz. 141,013; Apr. 24.
Wheeled toy. R. W. Wood. 141,098; May 8.
Wheeled toy. R. W. Wood. 141,153–4; May 8.
Whirler, Plate. J. T. Campbell. 143,129; Dec. 11.
Whistle. J. Thompson. 140,756; Apr. 3.
Whistle. P. von Frantzius. 141,400; May 29.
Winch. H. Knutson. 141,471; June 5.
Worktable. H. B. Maynard and C. W. Punton. 140,122; Jan. 23.
Wrench. A. C. Brintnall. 141,357; May 29.
Wrench. E. Fleming. 141,545; June 12.
Wrench. D. L. Sperry. 139,956; Jan. 9.
Wrench, Duplex socket. M. L. Young. 142,054; Aug. 14.
Wrench or the like, Pipe. A. A. Armenta. 140,627; Mar. 20.
Writing tip section of a fountain pen. J. Tully. 142,751; Oct. 30.
Xylophone. B. V. Friedman. 141,682–3; June 26.
Yarder, Portable. A. Zwald. 141,135; May 8.
Yo-yo, top, and whistle, Combined. H. E. Elfmont. 142,317; Aug. 28.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Abrasive belt grinder. James G. Bair and Joseph T. Shull. No. 2,333,507; date of patent Nov. 2, 1943; disclaimer filed July 31, 1945; v. 578; p. 1.

Aldehydes, and the products, Process of manufacturing. Angelo Knorr. No. 1,899,340; date of patent Feb. 28, 1933; disclaimer filed May 5, 1945; v. 575; p. 208.

Apparatus for refining oil. Avery S. Harlan, Victor S. Crane, and Paul R. Honan. No. 2,153,062; date of patent Apr. 4, 1939; disclaimer filed Mar. 14, 1945; v. 573; p. 361.

Apparatus for winding coil condensers. Harold I. Danziger. No. 1,940,847; date of patent Dec. 26, 1933; disclaimer filed May 8, 1945; v. 575; p. 1.

Automatic bowling alley mechanism. John E. Flanagan. No. 2,319,925; date of patent May 25, 1943; disclaimer filed May 1, 1945; v. 575; p. 208.

Background noise suppressor. George F. Devine. No. 2,369,952; date of patent Feb. 20, 1945; disclaimer filed Sept. 20, 1945; v. 579; p. 699.

Brake cooling for centrifugals and the like. Eugene Roberts. No. 2,096,341; date of patent Oct. 19, 1937; disclaimer filed June 30, 1945; v. 576; p. 391.

Carbon strip. Charles L. Winter. No. 2,265,466; date of patent Dec. 9, 1931; disclaimer filed Apr. 9, 1945; v. 574; p. 185.

Catalytic conversion of hydrocarbon, Method of. Du Bois Eastman and Charles Richker. No. 2,348,794; date of patent May 16, 1944; disclaimer filed Jan. 3, 1945; v. 570; p. 663.

Centimeter wave device. Ernest G. Linder. No. 2,276,320; date of patent Mar. 17, 1942; disclaimer filed Jan. 30, 1945; v. 572; p. 185.

Centrifugal apparatus. Eugene Roberts. (Two cases.) No. 2,145,633; date of patent Jan. 31, 1939; disclaimers filed June 30, and July 3, 1945; v. 577; p. 1.

Check valve sealing means. Jesse D. Langdon. No. 2,336,486; date of patent Dec. 14, 1943; disclaimer filed Feb. 14, 1945; v. 572; p. 185.

Chewing gum. Waldorf S. Traylor. No. 2,273,425; date of patent Feb. 17, 1942; disclaimer filed Apr. 11, 1945; v. 574; p. 185.

Circuit interrupter. John B. MacNeill. No. 2,281,042; date of patent Apr. 28, 1942; disclaimer filed Mar. 3, 1945; v. 573; p. 1.

Circuit interrupter. Gordon S. Parker. No. 2,301,746; date of patent Nov. 10, 1942; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

Circuit interrupting device. Leon R. Ludwig. James H. Frakes, and Stanley T. Schofield, deceased, by Martha M. Schofield. No. 2,272,717; date of patent Feb. 10, 1942; disclaimer filed Feb. 12, 1945; v. 572; p. 185.

Clamp. Benjamin A. Tetzlaff. No. 2,278,837; date of patent Mar. 31, 1942; disclaimer filed Dec. 14, 1944; v. 570; p. 345.

Concrete mixometers. Lewis A. Perry. No. 1,898,890; date of patent Feb. 21, 1933; disclaimer filed Apr. 4, 1945; v. 574; p. 185.

Condenser and method of making the same, Electrolytic. Charles Marvin Blackburn. No. 2,297,607; date of patent Sept. 29, 1942; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Control structure, Liquid. Elias Orshansky, Jr., and Conrad Gerhard Moller, 3rd. No. 2,225,082; date of patent Dec. 17, 1940; disclaimer filed Feb. 3, 1945; v. 572; p. 1.

Control system. Waldo P. Simpson and Clyde E. Stewart. No. 2,325,432; date of patent July 27, 1943; disclaimer filed Nov. 14, 1945; v. 581; p. 515.

Crystal apparatus, Piezo-electric. Stuart C. Hight. No. 2,343,059; date of patent Feb. 29, 1944; disclaimer Jan. 30, 1945; v. 572; p. 1.

Differential protective relaying. Edwin L. Harder. No. 2,240,690; date of patent May 6, 1941; disclaimer filed Aug. 1, 1945; v. 578; p. 1.

Door latch. Sigurd Brantingson. No. 2,300,905; date of patent Nov. 3, 1942; disclaimer filed Mar. 24, 1945; v. 574; p. 1.

Dynamoelectric machine. Ernst F. W. Alexanderson and Martin A. Edwards. No. 2,227,992; date of patent Jan. 7, 1941; disclaimer filed June 22, 1945; v. 576; p. 374.

Electric circuit breaker and method of operating the same. Didier Journeaux. No. 2,364,981; date of patent Dec. 12, 1944; disclaimer filed June 8, 1945; v. 576; p. 165.

Electric control circuit. Albert H. Mittag. (Two cases.) No. 2,362,294; date of patent Nov. 7, 1944; disclaimer filed July 27 and Oct. 9, 1945; v. 578; p. 1, and v. 580; p. 153.

Electric discharge apparatus. Dewey D. Knowles. No. 2,310,092; date of patent Feb. 2, 1943; disclaimer filed Mar. 15, 1945; v. 573; p. 361.

Electrical measurements, Method and apparatus for effecting. Henry Lehde. No. 2,347,200; date of patent Apr. 25, 1944; disclaimer filed Feb. 28, 1945; v. 573; p. 1.

Fabric, hat, and method of making the same. George M. Rickus. No. 2,322,255; date of patent June 22, 1943; disclaimer filed Sept. 11, 1945; v. 579; p. 152.

Fabrication of laminated metal objects. Arthur E. Schuh. No. 2,280,981; date of patent Apr. 28, 1942; disclaimer filed Oct. 30, 1945; v. 581; p. 165.

Facsimile telegraph system and apparatus. Garvice H. Ridings and Raleigh J. Wise. No. 2,386,263; date of patent Oct. 9, 1945; disclaimer filed Oct. 31, 1945; v. 581; p. 165.

Fluid conductor. Horace S. Smith and Nolan E. Dickason. No. 2,307,427; date of patent Jan. 5, 1943; disclaimer filed Feb. 16, 1945; v. 572; p. 539.

Fluid pump. Aladar Hollander. No. 1,997,824; date of patent Apr. 16, 1935; disclaimer filed Feb. 5, 1945; v. 572; p. 1.

Food products, Process and apparatus for freezing. Clarence Birdseye. No. 2,263,452; date of patent Nov. 18, 1941; disclaimer filed Jan. 12, 1945; v. 571; p. 175.

Fuel pressure switch. Howard A. Satterlee. No. 2,327,069; date of patent Aug. 17, 1943; disclaimer filed Sept. 26, 1945; v. 579; p. 699.

Fuse switch. Francis J. McCluskey and George W. Goldner. No. 2,246,807; date of patent June 24, 1941; disclaimer filed May 25, 1945; v. 576; p. 10.

Gaseous conduction lamp. Focsaneanu Alexander. No. 2,203,482; date of patent June 4, 1940; disclaimer filed Aug. 21, 1945; v. 575; p. 152.

Golf club. Norman P. Vickery. (Two cases.) Nos. 2,250,429 and 2,250,441; date of patent July 22, 1941; disclaimers filed May 18, 1945; v. 576; p. 10.

Governor. Herman G. Adler. No. 2,212,890; date of patent Aug. 27, 1940; disclaimer filed June 20, 1945; v. 576; p. 374.

Heating device, Induction. Edward S. Goodridge. Re. 22,322; date of patent May 25, 1943; disclaimer filed June 7, 1945; v. 576; p. 165.

Hinge differential for rotative wing aircraft. Russell R. Hays. No. 2,086,802; date of patent July 13, 1937; disclaimer filed Dec. 18, 1944; v. 570; p. 663.

Hydrocarbon conversion. Louis J. Kelly. No. 2,302,328; date of patent Nov. 17, 1942; disclaimer filed Apr. 19, 1945; v. 574; p. 783.

Hydrocarbons, Treatment of. Joseph E. Westenberg. No. 2,338,272; date of patent Jan. 4, 1944; disclaimer filed Apr. 5, 1945; v. 574; p. 1.

Index device. Edmund W. A. Peter. No. 2,115,537; date of patent Apr. 26, 1938; disclaimer filed Oct. 17, 1945; v. 580; p. 501.

Iron blue, Alkali-resistant. Irving Shack. No. 2,342,429; date of patent Feb. 22, 1944; disclaimer filed May 26, 1945; v. 576; p. 10.

Journal box. Donald S. Barrows. No. 2,186,935; date of patent Jan. 16, 1940; disclaimer filed Oct. 25, 1945; v. 580; p. 501.

Machine, Fastening-inserting. John L. Lancaster. No. 2,293,834; date of patent Aug. 25, 1942; disclaimer filed Jan. 27, 1945; v. 571; p. 513.

Magnetic inspection apparatus. Raymond L. Fitch. No. 2,277,431; date of patent Mar. 24, 1942; disclaimer filed Oct. 1, 1945; v. 580; p. 153.

Measuring apparatus. Oscar Stewart Michael. No. 2,277,365; date of patent Mar. 24, 1942; disclaimer filed Nov. 29, 1945; v. 581; p. 515.

Metal working press. Fredrich J. Rode. No. 1,834,111; date of patent Dec. 1, 1931; disclaimer filed July 27, 1945; v. 578; p. 1.

N-polyhydroxyalkyl-phenylamines and method for their preparation. Friedrick Weygand. No. 2,354,846; date of patent Aug. 1, 1944; disclaimer filed May 5, 1945; v. 575; p. 208.

Photographic color images, Process for the production of. Alfred Fröhlich. No. 2,320,422; date of patent June 1, 1943; disclaimer filed Jan. 31, 1945; v. 572; p. 1.

Piston member and method of manufacturing it. Eloy D. Ekkebus. No. 2,309,446; date of patent Jan. 26, 1943; disclaimer filed Jan. 27, 1945; v. 571; p. 352.

Polymerization plants, Method of operating. Harold J. Baker, Jr., and William Mendius. No. 2,242,771; date of patent May 20, 1941; disclaimer filed June 22, 1945; v. 576; p. 374.

Pore surfaced foam rubber and method. John F. Schott. No. 2,327,001; date of patent Aug. 17, 1943; disclaimer filed Dec. 7, 1944; v. 570; p. 1.

Press for drawing sheet metal and the like. Fredrich J. Rode. No. 1,773,438; date of patent Aug. 19, 1930; disclaimer filed Feb. 21, 1945; v. 572; p. 539.

Pressure carburetor. Carl F. Schorn. No. 2,324,599; date of patent July 20, 1943; disclaimer filed Sept. 7, 1945; v. 579; p. 152.

Propeller or rotor construction. Richard H. Prewitt. No. 2,234,196; date of patent Mar. 11, 1941; disclaimer filed May 22, 1945; v. 576; p. 165.

Radio apparatus. Cletus J. Collom. No. 2,276,933; date of patent Mar. 17, 1942; disclaimer filed Dec. 11, 1944; v. 570; p. 345.

Refrigeration control structure. Burton E. Shaw. No. 2,308,313; date of patent Jan. 12, 1943; disclaimer filed May 14, 1945; v. 575; p. 561.

Resinous felted fibrous composition. Herman W. Richter and Harold R. Gillette. No. 2,264,189; date of patent Nov. 25, 1941; disclaimer filed June 23, 1945; v. 576; p. 374.

Rotor brake. Carl E. Tack. No. 2,355,120; date of patent Aug. 8, 1944; disclaimer filed Oct. 17, 1945; v. 580; p. 153.

Rubber article and method of producing same, Composite. Abraham N. Spánel. No. 2,324,735; date of patent July 20, 1943; disclaimer filed Feb. 10, 1945; v. 572; p. 185.

Sewage, System for treating. Samuel L. Tolman. No. 2,349,390; date of patent May 23, 1944; disclaimer filed July 2, 1945; v. 576; p. 374.

Sheet metal drawing press. Fredrich J. Rode. No. 1,918,784; date of patent July 18, 1933; disclaimer filed Feb. 21, 1945; v. 572; p. 539.

Short wave system, Ultra. Charles H. Brown. No. 2,280,026; date of patent Apr. 14, 1942; disclaimer filed Dec. 2, 1944; v. 570; p. 1.

Signalling system and apparatus. Rolla F. Blanchard, William B. Blanton, and Harrl L. Browne. No. 2,193,811; date of patent Mar. 19, 1940; disclaimer filed May 22, 1945; v. 576; p. 9.

Sound records, Modification of. Roy J. Pomeroy. No. 1,923,746; date of patent Aug. 22, 1933; disclaimer filed Dec. 12, 1944; v. 570; p. 185.

Staple. Herman A. Moe. No. 2,277,931; date of patent Mar. 31, 1942; disclaimer filed Dec. 7, 1944; v. 570; p. 345.

Synchronizing mechanism. Keith R. Manville. No. 2,259,527; date of patent Oct. 21, 1941; disclaimer filed Aug. 24, 1945; v. 578; p. 281.

Telegraph exchange system. William B. Blanton. No. 2,193,812; date of patent Mar. 19, 1940; disclaimer filed May 22, 1945; v. 576; p. 9.

Telegraph exchange system. Evan R. Wheeler, Ray Hoover, and Robert F. Dirkes. No. 2,193,810; date of patent Mar. 19, 1940; disclaimer filed May 22, 1945; v. 576; p. 9.

Telephone system. John H. Voss. Re. No. 22,413; date of patent Dec. 21, 1943; disclaimer filed June 22, 1945; v. 576; p. 374.

Thermostatic device. Walter C. Lindemann and Edwin A. Rutenber. No. 1,818,563; date of patent Aug. 11, 1931; disclaimer filed July 2, 1945; v. 577; p. 1.

Toy. Sheldon H. Gainsley. No. 2,352,676; date of patent July 4, 1944; disclaimer filed June 4, 1945; v. 576; p. 10.

Ultra short wave system. Charles H. Brown. No. 2,280,026; date of patent Apr. 14, 1942; disclaimer filed Sept. 6, 1945; v. 579; p. 152.

Velocity modulated electrical discharge tube. Charles V. Litton. No. 2,309,966; date of patent Feb. 2, 1943; disclaimer filed May 8, 1945; v. 575; p. 208.
Velocity modulated tube. Charles V. Litton. No. 2,304,186; date of patent Dec. 8, 1942; disclaimer filed May 8, 1945; v. 575; p. 208.
Visual indicator. William Russell Clark. No. 2,318,197; date of patent May 4, 1943; disclaimer filed Sept. 4, 1945; v. 579; p. 1.
Wallpaper border or similar article. William Burton. (Eleven cases.) Des. Nos. 136,427, 136,428, 136,431, 136,432, 136,482, 136,485, 136,542, 136,545, 136,546, 136,573 and 138,257; date of patents Oct. 5, 12 and 26, 1943, and July 11, 1944; disclaimers filed Sept. 8, 1945; v. 579; p. 151 and 152; and Oct. 11, 1945; v. 580; p. 153.
Water softening apparatus. Andrew J. Detterweich. No. 1,954,405; date of patent Apr. 10, 1934; disclaimer filed Sept. 21, 1945; v. 579; p. 519.
Water softening system. Thomas B. Clark. No. 1,903,957; date of patent Apr. 18, 1933; disclaimer filed Sept. 21, 1945; v. 579; p. 519.
Well perforating gun. Arthur L. Smith. No. 2,292,670; date of patent Aug. 11, 1942; disclaimer filed Apr. 17, 1945; v. 574; p. 783.
Wells, Treatment of deep. John J. Grebe and Ross T. Sanford. No. 1,877,504; date of patent Sept. 13, 1932; disclaimer filed Apr. 2, 1945; v. 574; p. 1.
Wire, Covered. John J. Keyes. No. 2,234,540; date of patent Mar. 11, 1941; disclaimer filed Jan. 20, 1945; v. 571; p. 352.
Wrapper for articles of merchandise. John M. Driver. No. 2,019,401; date of patent Oct. 29, 1935; disclaimer filed Mar. 30, 1945; v. 574; p. 1.
Wrench. Joseph N. Johnson. No. 1,866,771; date of patent July 12, 1932; disclaimer filed Sept. 25, 1945; v. 579; p. 699.
X-ray tube, Supervoltage. Benedict Cassen. No. 2,342,789; date of patent Feb. 29, 1944; disclaimer filed Feb. 16, 1945; v. 572; p. 539.
Yarn, Manufacture of. Malcolm B. Stone and William P. Williamson. No. 1,893,809; date of patent Jan. 10, 1933; disclaimer filed Dec. 27, 1944; v. 570; p. 515.

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